

Health Hazard Evaluation Reports

BOOK CHAPTERS

POSTERS

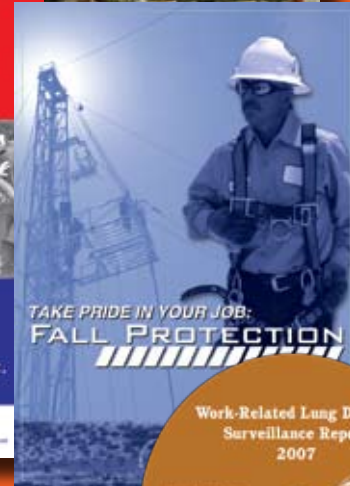
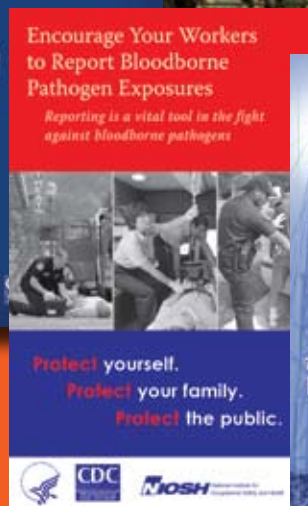
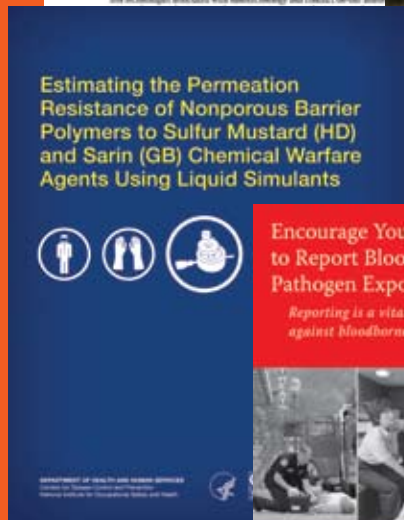
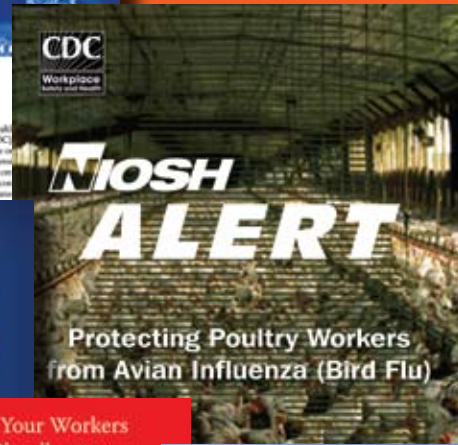


NIOSH Bibliography of Communication and Research Products 2008

Journal Articles

ALERTS

PROCEEDINGS



ABSTRACTS

CONTROL TECHNOLOGY REPORTS

Fatality Assessment and Control Evaluation Reports



DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health



**NIOSH BIBLIOGRAPHY OF COMMUNICATION
AND RESEARCH PRODUCTS**

2008

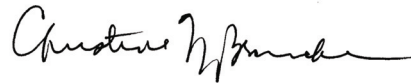
A Listing of NIOSH Publications for Calendar Year 2008

Department of Health and Human Services
Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health
Washington, DC

May 2009

FOREWORD

We strive for excellence in our scientific endeavors, and in the publications of our work. This bibliography is our effort to provide the best scientific information possible to maintain and improve safety and health at work. I believe that this bibliography reflects and reinforces the NIOSH values of relevance, quality, and impact, and demonstrates the consistent commitment of NIOSH and our partners to all workers as they face challenges to be safe and healthy while contributing to our nation's productivity. Please explore these products further and distribute them freely in workplaces and to our colleagues in the occupational health and safety community.

A handwritten signature in black ink, appearing to read "Christine M. Branche". The signature is fluid and cursive, with a long horizontal stroke at the end.

Christine M. Branche, Ph.D.
Acting Director, National Institute for Occupational
Safety and Health

CONTENTS

I.	Journal Articles.....	1
II.	Book Chapters.....	33
III.	NIOSH Numbered Publications	35
IV.	Abstracts/Proceedings	45
V.	Control Technology Reports.....	63
VI.	Fatality Assessment and Control Evaluation Reports.....	65
VII.	Fire Fighter Fatality Investigation and Prevention Reports.....	67
VIII.	Health Hazard Evaluation Reports.....	71
IX.	Author Index	75
X.	Keyword Index	105
XI.	National Occupational Research Agenda (NORA) Index.....	125

I. JOURNAL ARTICLES

- 0001.** Agrawal A, Cronin JP, Agrawal A, Tonazzi JCL, Adams L, Ashley K, Brisson MJ, Duran B, Whitney G, Burrell AK, McCleskey TM, Robbins J, White KT [2008]. Extraction and optical fluorescence method for the measurement of trace beryllium in soils. *Environ Sci Technol* 42(6):2066–2071.
- 0002.** Ahn Y-S, Park RM, Koh DH [2008]. Cancer admission and mortality in workers exposed to ionizing radiation in Korea. *J Occup Environ Med* 50(7):791–803.
- 0003.** Akgul Y, Derk RC, Meighan T, Rao KMK, Murono EP [2008]. The methoxychlor metabolite, HPTE, directly inhibits the catalytic activity of cholesterol side-chain cleavage (P450_{scc}) in cultured rat ovarian cells. *Reprod Toxicol* 25(1):67–75.
NORA: Manufacturing
- 0004.** Akpınar-Elci M, Siegel PD, Cox-Ganser JM, Stemple KJ, White SK, Hilsbos K, Weissman DN [2008]. Respiratory inflammatory responses among occupants of a water-damaged office building. *Indoor Air* 18(2):125–130.
- 0005.** Alterman T, Grosch J, Chen X, Chrislip D, Petersen M, Krieg E, Chung H, Muntaner C [2008]. Examining associations between job characteristics and health: linking data from the Occupational Information Network (O*NET) to two US national health surveys. *J Occup Environ Med* 50(12):1401–1413.
NORA: Agriculture, Forestry and Fishing
- 0006.** Alterman T, Steege AL, Li J, Petersen MR, Muntaner C [2008]. Ethnic, racial, and gender variations in health among farm operators in the United States. *Ann Epidemiol* 18(3):179–186.
NORA: Agriculture, Forestry and Fishing
- 0007.** Anderson JL, Spitz HB, Daniels RD [2008]. Population monitoring for acute exposure to ²¹⁰Po. *J Occup Environ Med* 50(8):916–923.
NORA: Manufacturing
- 0008.** Anderson SE, Ham JE, Munson AE [2008]. Irritancy and sensitization potential of glyoxylic acid. *J Immunotoxicol* 5(2):93–98.
NORA: Healthcare and Social Assistance: Services
- 0009.** Anderson SE, Munson AE, Tomblyn S, Meade BJ, Diotte NM [2008]. The humoral immune response of mice exposed to simulated road paving-like asphalt fumes. *J Immunotoxicol* 5(3):307–313.
- 0010.** Andrew ME, McCanlies EC, Burchfiel CM, Charles LE, Hartley TA, Fekedulegn D, Violanti JM [2008]. Hardiness and psychological distress in a cohort of police officers. *Int J Emerg Mental Health* 10(2):137–147.
NORA: Services
- 0011.** Antão VC, Pinheiro GA, Wassell JT [2008]. Asbestosis mortality in the United States: facts and predictions. *Occup Environ Med* [Electronic publication—ahead of print].

I. Journal Articles

0012. Apopa PL, He X, Ma Q [2008]. Phosphorylation of Nrf2 in the transcription activation domain by casein kinase 2 (CK2) is critical for the nuclear translocation and transcription activation function of Nrf2 in IMR-32 neuroblastoma cells. *J Biochem Mol Toxicol* 22(1):63–76.

0013. Ashley K, Biagini RE, Smith JP, Sammons DL, MacKenzie BA, Striley CAF, Robertson SK, Snawder JE [2008]. The use of immunochemical and biosensor methods for occupational and environmental monitoring. Part I: introduction to immunoassays. *J Occup Environ Hyg* 5(2):D25–D32.

NORA: Healthcare and Social Assistance

0014. Ashley K, Biagini RE, Smith JP, Sammons DL, MacKenzie BA, Striley CAF, Robertson SK, Snawder JE [2008]. The use of immunochemical and biosensor methods for occupational and environmental monitoring. Part II: immunoassay data analysis and immunobiosensors. *J Occup Environ Hyg* 5(3):D37–D42.

NORA: Healthcare and Social Assistance

0015. Ashley K, McKernan LT, Burroughs E, Deddens J, Pendergrass S, Streicher RP [2008]. Field evaluation of diacetyl sampling and analytical methods. *J Occup Environ Hyg* 5(11):D111–D116.

NORA: Manufacturing

0016. Attfield MD, Kuempel ED [2008]. Mortality among US underground coal miners: a 23-year follow-up. *Am J Ind Med* 51(4):231–245.

0017. Ayres JG, Borm P, Cassee F, Castranova V, Donaldson K, Ghio A, Harrison RM, Hider R, Kelly F, Kooter I, Marano F, Maynard RL, Mudway I, Nel A, Sioutas C, Smith S, Baeza-Squiban A, Cho A, Duggan S, Froines J [2008]. Evaluating the toxicity of airborne particulate matter and nanoparticles by measuring oxidative stress potential—a workshop report and consensus statement. *Inhal Toxicol* 20(1):75–99.

NORA: Manufacturing

0018. Azad N, Iyer AKV, Manosroi A, Wang L, Rojanasakul Y [2008]. Superoxide-mediated proteasomal degradation of Bcl-2 determines cell susceptibility to Cr(VI)-induced apoptosis. *Carcinogenesis* 29(8):1538–1545.

NORA: Manufacturing

0019. Azad N, Rojanasakul Y, Vallyathan V [2008]. Inflammation and lung cancer: roles of reactive oxygen/nitrogen species. *J Toxicol Environ Health, B* 11(1):1–15.

NORA: Manufacturing: Mining

0020. Baan R, Straif K, Grosse Y, Secretan B, El Ghissassi F, Bouvard V, Benbrahim-Tallaa L, Coglianò V, WHO International Agency for Research on Cancer Monograph Working Group [2008]. Carcinogenicity of some aromatic amines, organic dyes, and related exposures. *Lancet Oncol* 9(4):322–323.

0021. Baker BA, Hollander MS, Mercer RR, Kashon ML, Cutlip RG [2008]. Adaptive stretch-shortening contractions: diminished regenerative capacity with aging. *Appl Physiol Nutr Metab* 33(6):1181–1191.

- 0022.** Bang KM, Attfield MD, Wood JM, Syamlal G [2008]. National trends in silicosis mortality in the United States, 1981–2004. *Am J Ind Med* 51(9):633–639.
- 0023.** Bang KM, Mazurek JM, Syamlal G, Wood JM [2008]. Asbestosis mortality surveillance in the United States, 1970–2004. *Int J Occup Environ Health* 14(3):161–169.
- 0024.** Barczak TM, Tadolini SC [2008]. Pumpable roof supports: an evolution in longwall roof support technology. *Trans Soc Min Metal Explor* 324:19–31.
- 0025.** Baron P, Deye GJ, Martinez AB, Jones EN, Bennett JS [2008]. Size shifts in measurements of droplets with the aerodynamic particle sizer and the aerosizer. *Aerosol Sci Tech* 42(3):201–209.
NORA: Manufacturing
- 0026.** Baron PA, Deye GJ, Chen BT, Schwegler-Berry DE, Shvedova AA, Castranova V [2008]. Aerosolization of single-walled carbon nanotubes for an inhalation study. *Inhal Toxicol* 20(8):751–760.
NORA: Manufacturing
- 0027.** Baron PA, Estill CF, Deye GJ, Hein MJ, Beard JK, Larsen LD, Dahlstrom GE [2008]. Development of an aerosol system for uniformly depositing *Bacillus anthracis* spore particles on surfaces. *Aerosol Sci Tech* 42(3):159–172.
- 0028.** Barr RG, Stemple KJ, Mesia-Vela S, Basner RC, Derk SJ, Henneberger PK, Milton DK, Taveras B [2008]. Reproducibility and validity of a handheld spirometer. *Resp Care* 53(4):433–441.
- 0029.** Barter ZE, Chowdry JE, Harlow JR, Snawder JE, Lipscomb JC, Rostami-Hodjegan A [2008]. Covariation of human microsomal protein per gram of liver with age: absence of influence of operator and sample storage may justify interlaboratory data pooling. *Drug Metab Dispos* 36(12):2405–2409.
NORA: Agriculture, Forestry and Fishing; Manufacturing
- 0030.** Battelli LA, Ghanem MM, Kashon ML, Barger M, Ma JYC, Simoskevitz RL, Miles PR, Hubbs AF [2008]. Crystalline silica is a negative modifier of pulmonary cytochrome P-4501A1 induction. *J Toxicol Environ Health, A* 71(8):521–532.
NORA: Manufacturing
- 0031.** Bauer ER, Spencer ER [2008]. Snapshot of noise and worker exposures in sand and gravel operations. *Min Eng* 60(3):50–57.
NORA: Mining
- 0032.** Bealko SB, Kovalchik PG, Matetic RJ [2008]. Mining sector. *J Saf Res* 39(2):187–189.
NORA: Mining
- 0033.** Beck TW, Goodman GVR [2008]. Evaluation of dust exposures associated with mist drilling technology for roof bolters. *Min Eng* 60(12):35–39.

I. Journal Articles

- 0034.** Beezhold DH, Green BJ, Blachere FM, Schmechel D, Weissman DN, Velickoff D, Hogan MBT, Wilson NW [2008]. Prevalence of allergic sensitization to indoor fungi in West Virginia. *Allergy Asthma Proc* 29(1):29–34.
- 0035.** Bell JL, Collins JW, Wolf L, Gronqvist R, Chiou S, Chang W-R, Sorock GS, Courtney TK, Lombardi DA, Evanoff B [2008]. Evaluation of a comprehensive slip, trip and fall prevention programme for hospital employees. *Ergonomics* 51(12):1906–1925.
- 0036.** Bello D, Redlich CA, Stowe MH, Sparer J, Woskie SR, Streicher RP, Hosgood HD, Liu YC [2008]. Skin exposure to aliphatic polyisocyanates in the auto body repair and refinishing industry: II. A quantitative assessment. *Ann Occup Hyg* 52(2):117–124.
- 0037.** Bevilacqua MC, Novaes BC, Morata TC [2008]. Audiology in Brazil. *Int J Audiol* 47(2):45–50.
- 0038.** Bhattacharya A, Watts NB, Gordon J, Shukla R, Waters T, Bartels S, Coleman R [2008]. Bone quantity and quality of youths working on a farm—a pilot study. *J Agromed* 12(4):27–38.
- 0039.** Bienek DR, Biagini RE, Charlton DG, Smith JP, Sammons DL, Robertson SA [2008]. Rapid point-of-care test to detect broad ranges of protective antigen-specific immunoglobulin G concentrations in recipients of the U.S.-licensed anthrax vaccine. *Clin Vaccin Immunol* 15(4):644–649.
NORA: Healthcare and Social Assistance
- 0040.** Boal WL, Leiss JK, Sousa S, Lyden JT, Li J, Jagger J [2008]. The national study to prevent blood exposure in paramedics: exposure reporting. *Am J Ind Med* 51(3):213–222.
- 0041.** Boeniger M, Neumeister C, Booth-Jones A [2008]. Sampling and analytical method development and hand wipe measurements of dermal exposures to polycyclic aromatic hydrocarbons. *J Occup Environ Hyg* 5(7):417–425.
- 0042.** Booth-Butterfield S, Welbourne JL, Ott S, Hartley T, Thomas KC, Lawryk NJ [2008]. A communication matrix intervention to increase adoption of federal government safety recommendations. *Health Commun* 23(4):307–312.
- 0043.** Brackett EM, Allen DE, Siebert SR, La Bone TR [2008]. Internal dose reconstruction under Part B of the energy employees compensation act. *Health Phys* 95(1):69–80.
- 0044.** Brandt MT, Biddle EA [2008]. Applying the IH value strategy. *Synergist* 19(10):36–39.
- 0045.** Brown KK, Robinson K [2008]. High-performance liquid chromatography identification, quantification, and fractionation of a suspect allergen, 4-chloro-3-methylphenol, in an LLNA-positive metalworking fluid. *Tribol Trans* 51(1):101–106.
NORA: Manufacturing
- 0046.** Bruening DA, Crewe AN, Buczek FL [2008]. A simple, anatomically based correction to the conventional ankle joint center. *Clin Biomech* 23(10):1299–1302.

- 0047.** Buckley JP, Sestito JP, Hunting KL [2008]. Fatalities in the landscape and horticultural services industry, 1992–2001. *Am J Ind Med* 51(9):701–713.
- 0048.** Budowle B, Schutzer SE, Morse SA, Martinez KF, Chakraborty R, Marrone BL, Messenger SL, Murch RS, Jackson PJ, Williamson P, Harmon R, Velsko SP [2008]. Criteria for validation of methods in microbial forensics. *Appl Environ Microbiol* 74(18):5599–5607.
- 0049.** Burton NC, Adhikari A, Iossifova Y, Grinshpun SA, Reponen T [2008]. Effect of gaseous chlorine dioxide on indoor microbial contaminants. *J Air Waste Manage Assoc* 58(5):647–656.
- 0050.** Byrne DC, Reeves ER [2008]. Analysis of nonstandard noise dosimeter microphone positions. *J Occup Environ Hyg* 5(3):197–209.
- 0051.** Calvert GM, Karnik J, Mehler L, Beckman J, Morrissey B, Sievert J, Barrett R, Lackovic M, Mabee L, Schwartz A, Mitchell Y, Moraga-McHaley S [2008]. Acute pesticide poisoning among agricultural workers in the United States, 1998–2005. *Am J Ind Med* 51(12):883–898.
NORA: Agriculture, Forestry and Fishing
- 0052.** Caruso CC, Waters TR [2008]. A review of work schedule issues and musculoskeletal disorders with an emphasis on the healthcare sector. *Ind Health* 46(6):523–534.
- 0053.** Cawley JC, Homce GT [2008]. Trends in electrical injury in the US, 1992–2002. *IEEE Trans Ind Appl* 44(4):962–972.
NORA: Mining
- 0054.** Chang MH, Lindegren ML, Butler MA, Chanock SJ, Dowling NF, Gallagher M, Moonesinghe R, Moore CA, Ned RM, Reichler MR, Sanders CL, Welch R, Yesupriya A, Khoury MJ [2008]. Prevalence in the United States of selected candidate gene variants. *Am J Epidemiol* 169(1):54–66 [Electronic publication—ahead of print].
- 0055.** Chapin RE, Adams J, Boekelheide K, Gray LE, Hayward SW, Lees PSJ, McIntyre BS, Portier KM, Schnorr TM, Selevan SG, Vandenberg JG, Woskie SR [2008]. NTP-CERHR expert panel report on the reproductive and developmental toxicity of bisphenol A. *Birth Defects Res B Dev Reprod Toxicol* 83(3):157–395.
- 0056.** Chapman LE, Sullivent EE, Grohskopf LA, Beltrami EM, Perz JF, Kretsinger K, Panlilio AL, Thompson ND, Ehrenberg RL, Gensheimer KF, Duchin JS, Kilmarx PH, Hunt RC [2008]. Postexposure interventions to prevent infection with HBV, HCV, or HIV, and Tetanus in people wounded during bombings and other mass casualty events—United States, 2008. *Disaster Med Public Health Prep* 2(3):150–165.
- 0057.** Chapman LE, Sullivent EE, Grohskopf LA, Beltrami EM, Perz JF, Kretsinger K, Panlilio AL, Thompson ND, Ehrenberg RL, Gensheimer KF, Duchin JS, Kilmarx PH, Hunt RC [2008]. Recommendations for postexposure interventions to prevent infection with Hepatitis B Virus, Hepatitis C Virus, or Human Immunodeficiency Virus, and Tetanus in persons wounded during bombings and other mass-casualty events—United States, 2008. *MMWR* 57:(RR–6):1–28.

I. Journal Articles

0058. Chapman LJ, Husberg B [2008]. Agriculture, forestry, and fishing sector. *J Saf Res* 39(2):171–173.

0059. Chapman LJ, Newenhouse AC, Pereira KM, Karsh B-T, Meyer RM, Brunette CM, Ehlers JJ [2008]. Evaluation of a four year intervention to reduce musculoskeletal hazards among berry growers. *J Saf Res* 39(2):215–224.

NORA: Agriculture, Forestry and Fishing

0060. Charles LE, Burchfiel CM, Fekedulegn D, Violanti JM, Browne RW, McCanlies E, Andrew ME [2008]. Sleep duration and oxidative stress: the Buffalo Cardio-Metabolic Occupational Police Stress (BCOPS) study. *Open Sleep J* 1(11):15–25.

NORA: Services

0061. Charles LE, Burchfiel CM, Violanti JM, Fekedulegn D, Slaven JE, Browne RW, Hartley TA, Andrew ME [2008]. Adiposity measures and oxidative stress among police officers. *Obesity* 16(11):2489–2497.

NORA: Services

0062. Chen F, Beezhold K, Castranova V [2008]. Tumor promoting or tumor suppressing of NF- κ B, a matter of cell context dependency. *Int Rev Immunol* 27(4):183–204.

NORA: Manufacturing: Mining

0063. Chen GX [2008]. Impact of federal compliance reviews of trucking companies in reducing highway truck crashes. *Accid Anal Prev* 40(1):238–245.

NORA: Transportation, Warehousing and Utilities

0064. Chiou SS, Pan CS, Bhattacharya A [2008]. Kinematics and kinetics of gait on stilts: identification of risk factors associated with construction stilt use. *Ergonomics* 51(12):1814–1829.

0065. Chipinda I, Hettick JM, Simoyi RH, Siegel PD [2008]. Zinc diethyldithiocarbamate allergenicity: potential haptentation mechanisms. *Contact Dermatitis* 59(2):79–89.

NORA: Healthcare and Social Assistance: Services

0066. Chipinda I, Zhang X-D, Simoyi RH, Siegel PD [2008]. Mercaptobenzothiazole allergenicity—role of the thiol group. *Cutan Ocul Toxicol* 27(2):103–116.

0067. Cierpich H, Styles L, Harrison R, Davis L, Chester D, Lefkowitz D, Valiante D, Richardson S, Castillo D, Romano N, Baron S [2008]. Work-related injury deaths among Hispanics—United States, 1992–2006. *JAMA* 300(21):2479–2480.

NORA: Transportation, Warehousing and Utilities: Wholesale and Retail Trade

0068. Cierpich H, Styles L, Harrison R, Davis L, Chester D, Lefkowitz D, Valiante D, Richardson S, Castillo D, Romano N, Baron S [2008]. Work-related injury deaths among Hispanics—United States, 1992–2006. *MMWR* 57(22):597–600.

NORA: Transportation, Warehousing and Utilities: Wholesale and Retail Trade

0069. Coca A, Roberge R, Shepherd A, Powell JB, Stull JO, Williams WJ [2008]. Ergonomic comparison of a chem/bio prototype firefighter ensemble and a standard ensemble. *Eur J Appl Physiol* 104(2):351–359.

NORA: Services: Public Safety

0070. Compton CS, Gallagher S, Molinda GM, Mark C, Wilson G [2008]. Roof screening for underground coal mines: recent developments. *Coal Age* 113(6):34–36.

NORA: Mining

0071. Cronin JP, Agrawal A, Adams L, Tonazzi JC, Brisson MJ, White KT, Marlow D, Ashley K [2008]. Interlaboratory evaluation of an extraction and fluorescence method for the determination of trace beryllium in soils. *J Environ Monit* 10(8):955–960.

0072. Cullen ET, Matthews LNH, Teske TD [2008]. Use of occupational ethnography and social marketing strategies to develop a safety awareness campaign for coal miners. *Soc Mark Q* 14(4):2–21.

NORA: Mining

0073. Cummings KJ [2008]. Disposable respirators. *Am J Respir Crit Care Med* 177(3):P1–P2.

0074. Cummings KJ, Cox-Ganser J, Riggs MA, Edwards N, Hobbs GR, Kreiss K [2008]. Health effects of exposure to water-damaged New Orleans homes six months after Hurricanes Katrina and Rita. *Am J Publ Health* 98(5):869–875.

0075. Cummings KJ, Kreiss K [2008]. Contingent workers and contingent health—risks of a modern economy. *JAMA* 299(4):448–450.

0076. Dalsey E, Park HS [2008]. Implication of organizational health policy on organizational attraction. *Health Commun* 24(1):71–81.

0077. Davis RR [2008]. What do we know about hearing protector comfort? *Noise Health* 10(40):83–89.

NORA: Manufacturing

0078. De Rosa MI [2008]. Reduction of fire hazards on large mining equipment. *Coal Age* 113(9):30, 32, 34.

NORA: Mining

0079. De Rosa MI, Litton CD [2008]. Rapid detection and suppression of mining equipment cab fires. *Fire Technol* 44:1–11.

NORA: Mining

0080. Deddens JA, Petersen MR [2008]. Approaches for estimating prevalence ratios. *Occup Environ Med* 65(7):501–506.

NORA: Manufacturing

I. Journal Articles

- 0081.** Dement JM, Kuempel E, Zumwalde R, Smith R, Stayner L, Loomis D [2008]. Development of a fiber size-specific job-exposure matrix for airborne asbestos fibers. *Occup Environ Med* 65(9):605–612.
NORA: All Sectors: Manufacturing: Mining
- 0082.** Doney B, Greskevitch M, Groce D, Syamlal G, Bang KM [2008]. Respirator use and practices. *Water Environ Technol* 20(7):54–55.
NORA: Construction
- 0083.** Doney B, Greskevitch M, Groce D, Syamlal G, Bang KM [2008]. Respirator use and practices in lumber and wood products manufacturing establishments: results of a national survey of private sector employers. *GLTPA* (12):46–50.
NORA: Construction
- 0084.** Doney B, Greskevitch M, Groce D, Syamlal G, Bang KM [2008]. Survey exposes some shortcomings in respirator programs. *Pulp Pap* 82(2):26–27.
NORA: Construction
- 0085.** Doney B, Greskevitch M, Syamlal G, Bang KM, Groce D [2008]. Breathe easier, work safer: many companies ignore respiratory protection. Here's what you must know now. *PWC* 70(1):62–66.
NORA: Construction
- 0086.** Doney B, Greskevitch M, Syamlal G, Bang KM, Groce D [2008]. Respirator use and practices in rubber and plastics products establishments: results of a national survey of private sector employers. *Rubber World* 238(5):14–16.
NORA: Construction
- 0087.** Dong JH, Dong RG, Rakheja S, Welcome DE, McDowell TW, Wu JZ [2008]. A method for analyzing absorbed power distribution in the hand and arm substructures when operating vibrating tools. *J Sound Vib* 311(3–5):1286–1304.
- 0088.** Dong RG, Welcome DE, McDowell TW, Wu JZ [2008]. Analysis of handle dynamics-induced errors in hand biodynamic measurements. *J Sound Vib* 318(4–5):1313–1333.
- 0089.** Dong RG, Welcome DE, Wu JZ, McDowell TW [2008]. Development of hand-arm system models for vibrating tool analysis and test rig construction. *Noise Control Eng J* 56(1):35–44.
- 0090.** Dong RG, Wu JZ, Welcome DE, McDowell TW [2008]. A discussion on comparing alternative vibration measures with frequency-weighted accelerations defined in ISO standards. *J Sound Vib* 317(3–5):1042–1050.
- 0091.** Dong RG, Wu JZ, Welcome DE, McDowell TW [2008]. A new approach to characterize grip force applied to a cylindrical handle. *Med Eng Phys* 30(1):20–33.
- 0092.** Du L, Zhuang Z, Guan H, Xing J, Tang X, Wang L, Wang Z, Wang H, Liu Y, Su W, Benson S, Gallagher S, Viscusi D, Chen W [2008]. Head-and-face anthropometric survey of Chinese workers. *Ann Occup Hyg* 52(8):773–782.
- 0093.** Eggerth DE [2008]. From theory of work adjustment to person-environment correspondence counseling: vocational psychology as positive psychology. *J Career Assess* 16(1):60–74.
NORA: Construction

- 0094.** El-Fawal HAN, O'Callaghan JP [2008]. Autoantibodies to neurotypic and gliotypic proteins as biomarkers of neurotoxicity: assessment of trimethyltin (TMT). *Neurotoxicology* 29(1):109–115.
NORA: Manufacturing
- 0095.** Englert RC, Dauser D, Gilchrist A, Samociuk HA, Singh RJ, Kesner JS, Cuthbert CD, Zarfos K, Gregorio DI, Stevens RG [2008]. Marital status and variability in cortisol excretion in postmenopausal women. *Biol Psychol* 77(1):32–38.
- 0096.** Erdely A, Hulderman T, Salmen R, Liston A, Zeidler-Erdely PC, Schwegler-Berry D, Castranova V, Koyama S, Kim YA, Endo M, Simeonova PP [2008]. Cross-talk between lung and systemic circulation during carbon nanotube respiratory exposure. Potential biomarkers. *Nano Lett* 9(1):36-43 [Electronic publication—ahead of print].
- 0097.** Esterhuizen GS, Dolinar DR, Ellenberger JL [2008]. Assessment of stable and failed pillars in underground limestone mines. *Min Eng* 60(11):43–48.
NORA: Mining
- 0098.** Esterhuizen GS, Dolinar DR, Iannacchione AT [2008]. Field observations and numerical studies of horizontal stress effects on roof stability in U.S. limestone mines. *J S Afr Inst Min Metall* 108(6):345–352.
NORA: Mining
- 0099.** Etherton J, Main B, Cloutier D, Christensen W [2008]. Reducing risk on machinery: a field evaluation pilot study of risk assessment. *Risk Anal* 28(3):711–721.
- 0100.** Evans DE, Heitbrink WA, Slavin TJ, Peters TM [2008]. Ultrafine and respirable particles in an automotive grey iron foundry. *Ann Occup Hyg* 52(1):9–21.
NORA: Manufacturing
- 0101.** Fox DA, Kala SV, Hamilton WR, Johnson JE, O'Callaghan JP [2008]. Low-level human equivalent gestational lead exposure produces supernormal scotopic electroretinograms, increased retinal neurogenesis, and decreased retinal dopamine utilization in rats. *Environ Health Perspect* 116(5):618–625.
NORA: Healthcare and Social Assistance
- 0102.** Franks RA, Friel GF, Edwards JC, Smith AC [2008]. In-mine evaluation of smart mine fire sensor. *Trans Soc Min Metal Explor* 324:81–88.
NORA: Mining
- 0103.** Frasch HF, Barbero AM [2008]. The transient dermal exposure: theory and experimental examples using skin and silicone membranes. *J Pharm Sci* 97(4):1578–1592.
NORA: Manufacturing: Services
- 0104.** Gallagher S [2008]. Reducing musculoskeletal injuries in rail operations. *Holmes Saf Assn Bull*, pp. 17–23.

I. Journal Articles

- 0105.** Gaughan DM, Cox-Ganser JM, Enright PL, Castellan RM, Wagner GR, Hobbs GR, Bledsoe TA, Siegel PD, Kreiss K, Weissman DN [2008]. Acute upper and lower respiratory effects in wildland firefighters. *J Occup Environ Med* 50(9):1019–1028.
- 0106.** Gergley RM, Calvert GM, Luckhaupt SE [2008]. Acute pesticide poisoning associated with pyraclostrobin fungicide—Iowa, 2007. *MMWR* 56(51/52):1343–1345.
NORA: Agriculture, Forestry and Fishing
- 0107.** Goldcamp MJ, Underwood MN, Cloud JL, Harshman S, Ashley KE [2008]. An environmentally friendly, cost-effective determination of lead in environmental samples using anodic stripping voltammetry. *J Chem Educ* 85(7):976–979.
- 0108.** Gordon CJ, Spencer PJ, Hotchkiss J, Miller DB, Hinderliter PM, Pauluhn J [2008]. Thermoregulation and its influence on toxicity assessment. *Toxicology* 244(2–3):87–97.
NORA: Services
- 0109.** Gottesfeld P, Nicas M, Kephart JW, Balakrishnan K, Rinehart R [2008]. Reduction of respirable silica following the introduction of water spray applications in Indian stone crusher mills. *Int J Occup Environ Health* 14(2):94–103.
NORA: Manufacturing: Mining
- 0110.** Greenburg DL, Rusiecki J, Koutros S, Dosemeci M, Patel R, Hines CJ, Hoppin JA, Alavanja MCR [2008]. Cancer incidence among pesticide applicators exposed to captan in the Agricultural Health Study. *Cancer Causes Control* 19(10):1401–1407.
NORA: Agriculture, Forestry and Fishing
- 0111.** Guo L, Abraham J, Flynn DC, Castranova V, Shi X, Qian Y [2008]. Individualized survival and treatment response predictions in breast cancer patients: involvements of phospho-EGFR and phospho-Her2/neu proteins. *Open Clin Cancer J* 2:18–31.
NORA: Manufacturing
- 0112.** Guo NL, Wan YW, Tosun K, Lin H, Msiska Z, Flynn DC, Remick SC, Vallyathan V, Dowlati A, Shi X, Castranova V, Beer DG, Qian Y [2008]. Confirmation of gene expression-based prediction of survival in non-small cell lung cancer. *Clin Cancer Res* 14(24):8213–8220.
NORA: Manufacturing
- 0113.** Gwinn MR, Weston A [2008]. Application of oligonucleotide microarray technology to toxic occupational exposures. *J Toxicol Environ Health, A* 71(5):315–324.
- 0114.** Hahn SE, Murphy LR [2008]. A short scale for measuring safety climate. *Saf Sci* 46(7):1047–1066.
- 0115.** Ham JE, Wells JR [2008]. Surface chemistry reactions of α -terpineol [(R)-2-(4-methyl-3-cyclohexenyl)isopropanol] with ozone and air on a glass and a vinyl tile. *Indoor Air* 18(5):394–407.
NORA: Services
- 0116.** Harper M [2008]. 10th Anniversary Critical Review: naturally occurring asbestos. *J Environ Monit* 10(2):1394–1408.
NORA: Mining
- 0117.** Harper M [2008]. Instant insight: asbestos comes naturally. *Chem Sci* 5(12):C93.
NORA: Mining

- 0118.** Harper M, Lee EG, Doorn SS, Hammond O [2008]. Differentiating non-asbestiform amphibole and amphibole asbestos by size characteristics. *J Occup Environ Hyg* 5(12):761–770.
NORA: Construction: Manufacturing
- 0119.** Harris ML, Mainiero RJ [2008]. Monitoring and removal of CO in blasting operations. *Saf Sci* 46(10):1393–1405.
- 0120.** Harris ML, Sapko MJ, Cashdollar KL, Verakis HC [2008]. Field evaluation of the coal dust explosibility meter (CDEM). *Min Eng* 60(10):74–78.
NORA: Mining
- 0121.** Hayumbu P, Robins TG, Key-Schwartz R [2008]. Cross-sectional silica exposure measurements at two Zambian copper mines of Nkana and Mufulira. *Int J Environ Res Public Health* 5(2):86–90.
NORA: Construction: Mining
- 0122.** He XQ, Chen MG, Ma Q [2008]. Activation of Nrf2 in defense against cadmium-induced oxidative stress. *Chem Res Toxicol* 21(7):1375–1383.
- 0123.** Hein MJ, Waters MA, van Wijngaarden E, Deddens JA, Stewart PA [2008]. Issues when modeling benzene, toluene, and xylene exposures using a literature database. *J Occup Environ Hyg* 5(1):36–47.
NORA: Agriculture, Forestry and Fishing
- 0124.** Hettick JM, Green BJ, Buskirk AD, Kashon ML, Slaven JE, Janotka E, Blachere FM, Schmechel D, Beezhold DH [2008]. Discrimination of *Aspergillus* isolates at the species and strain level by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry fingerprinting. *Anal Biochem* 380(2):276–281.
NORA: Services
- 0125.** Hettick JM, Green BJ, Buskirk AD, Kashon ML, Slaven JE, Janotka E, Blachere FM, Schmechel D, Beezhold DH [2008]. Discrimination of *Penicillium* isolates by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry fingerprinting. *Rapid Commun Mass Spectrom* 22(16):2555–2560.
NORA: Services
- 0126.** Hines CJ, Deddens JA, Jaycox LB, Andrews RN, Striley CAF, Alavanja MCR [2008]. Captan exposure and evaluation of a pesticide exposure algorithm among orchard pesticide applicators in the agricultural health study. *Ann Occup Hyg* 52(3):153–166.
NORA: Agriculture, Forestry and Fishing
- 0127.** Hogan MB, Piktel D, Hubbs AF, McPherson LE, Landreth KS [2008]. Asthma progression to airway remodeling and bone marrow eosinophil responses in genetically distinct strains of mice. *Ann Allergy Asthma Immunol* 101(6):619–625.
NORA: Manufacturing

I. Journal Articles

- 0128.** Hoppin JA, Umbach DM, London SJ, Henneberger PK, Kullman GJ, Alavanja MCR, Sandler DP [2008]. Pesticides and atopic and nonatopic asthma among farm women in the agricultural health study. *Am J Respir Crit Care Med* 177(1):11–18.
NORA: Agriculture, Forestry and Fishing
- 0129.** Howard J [2008]. Prevention through design—introduction. *J Saf Res* 39(2):113.
- 0130.** Howard J [2008]. The 9/11 World Trade Center disaster: past and future. *Mt Sinai J Med* 75(2):65–66.
- 0131.** Hsiao H [2008]. Engineering technologies in practice: the NIOSH experience. *Prof Saf* 53(4):28–31.
NORA: Agriculture, Forestry and Fishing: Construction
- 0132.** Hsiao H, Hause M, Powers JR Jr., Kau T-Y, Hendricks S, Simeonov PI [2008]. Effect of scaffold end frame carrying strategies on worker stepping response, postural stability, and perceived task difficulty. *Hum Factors* 50(1):27–36.
NORA: Agriculture, Forestry and Fishing: Construction
- 0133.** Hsiao H, Simeonov P, Pizatella T, Stout N, McDougall V, Weeks J [2008]. Extension-ladder safety: solutions and knowledge gaps. *Int J Ind Ergon* 38(11–12):959–965.
NORA: Construction
- 0134.** Hubbs AF, Goldsmith WT, Kashon ML, Frazer D, Mercer RR, Battelli LA, Kullman GJ, Schwegler-Berry D, Friend S, Castranova V [2008]. Respiratory toxicologic pathology of inhaled diacetyl in Sprague-Dawley rats. *Toxicol Pathol* 36(2):330–344.
NORA: Manufacturing
- 0135.** Hudak RL, Schulz TY, Randolph RF [2008]. New from NIOSH: inquiring ears want to know: a fact sheet about your hearing test. *Holmes Saf Assn Bull*, p. 10.
NORA: Mining
- 0136.** Hudson H, Snawder J, Esswein E, Striley C [2008]. Partnering and consumer orientation: techniques that move occupational safety and health research into practice. *Soc Mark Q* 14(4):99–104.
- 0137.** Hurtubise RJ, Thompson AL, Weston A, Manchester DK [2008]. Detection of polycyclic aromatic hydrocarbon-DNA adducts in placental DNA samples by room-temperature solid-matrix phosphorescence. *Anal Lett* 41(11):1944–1963.
- 0138.** Isaacs SG, Powers LA, Lineberry GT, Scharf T [2008]. Enhancing cattle handling safety with the work crew performance model. *J Agric Saf Health* 14(3):261–271.
- 0139.** Iyer AKV, Azad N, Wang LY, Rojanasakul Y [2008]. Role of S-nitrosylation in apoptosis resistance and carcinogenesis. *Nitric Oxide* 19(2):146–151.
NORA: Manufacturing

- 0140.** Jiang Y, Wen K, Zhou X, Schwegler-Berry D, Castranova V, He P [2008]. Three-dimensional localization and quantification of PAF-induced gap formation in intact venular microvessels. *Am J Physiol Heart Circ Physiol* 295(2):H898–H906.
NORA: Manufacturing
- 0141.** Jiao S, Liu BC, Gao A, Ye M, Jia XW, Zhang FM, Liu HF, Shi XL, Huang CS [2008]. Benzo(a)pyrene-caused increased G₁-S transition requires the activation of c-Jun through p53-dependent PI-3K/Akt/ERK pathway in human embryo lung fibroblasts. *Toxicol Lett* 178(3):167–175.
NORA: Manufacturing
- 0142.** Jing Y, Dowdy JA, Van Scott MR, Fedan JS [2008]. Hyperosmolarity-induced dilation and epithelial bioelectric responses of guinea pig trachea *in vitro*: role of kinase signaling. *J Pharmacol Exp Ther* 326(1):186–195.
NORA: Manufacturing
- 0143.** Jing Y, Dowdy JA, Van Scott MR, Fedan JS [2008]. Simultaneous measurement of mechanical responses and transepithelial potential difference and resistance, in guinea-pig isolated, perfused trachea using a novel apparatus: pharmacological characterization. *Eur J Pharmacol* 598(1–3):98–103.
NORA: Manufacturing
- 0144.** John K, Keshava C, Richardson DL, Weston A, Nath J [2008]. Transcriptional profiles of benzo(a)pyrene exposure in normal human mammary epithelial cells in the absence or presence of chlorophyllin. *Mutat Res Fundam Mol Mech Mutagen* 640(1–2):145–152.
- 0145.** Johnson AT, Koh FC, Jamshidi S, Rehak TE [2008]. Human subject testing of leakage in a loose-fitting PAPR. *J Occup Environ Hyg* 5(5):325–329.
- 0146.** Jones BT, Ham JE [2008]. α -Terpineol reactions with the nitrate radical: rate constant and gas-phase products. *Atmos Environ* 42(27):6689–6698.
NORA: Services
- 0147.** Joseph P, He Q, Umbright C [2008]. Heme-oxygenase 1 gene expression is a marker for hexavalent chromium-induced stress and toxicity in human dermal fibrosis. *Toxicol Sci* 103(2):325–334.
- 0148.** Kang JL, Moon C, Lee HS, Lee HW, Park E-M, Kim HS, Castranova V [2008]. Comparison of the biological activity between ultrafine and fine titanium dioxide particles in RAW 264.7 cells associated with oxidative stress. *J Toxicol Environ Health, A* 71(8):478–485.
NORA: Manufacturing
- 0149.** Kanwal R [2008]. Bronchiolitis obliterans in workers exposed to flavoring chemicals. *Curr Opin Pulm Med* 14(2):141–146.
- 0150.** Karacan CÖ [2008]. Evaluation of the relative importance of coalbed reservoir parameters for prediction of methane inflow rates during mining of longwall development entries. *Comput Geosci* 34(9):1093–1114.

I. Journal Articles

- 0151.** Karacan CÖ [2008]. Modeling and prediction of ventilation methane emissions of U.S. longwall mines using supervised artificial neural networks. *Int J Coal Geol* 73(3–4):371–387.
NORA: Mining
- 0152.** Karacan CÖ, Ulery JP, Goodman GVR [2008]. A numerical evaluation on the effects of impermeable faults on degasification efficiency and methane emissions during underground coal mining. *Int J Coal Geol* 75(4):195–203.
NORA: Mining
- 0153.** Keane M, Stone S, Chen B, Slaven J, Schwegler-Berry D, Antonini J [2008]. Hexavalent chromium content in stainless steel welding fumes is dependent on the welding process and shield gas type. *J Environ Monit* 11:418–424 [Electronic publication—ahead of print].
- 0154.** Keil DE, Mehlmann T, Butterworth L, Peden-Adams MM [2008]. Gestational exposure to perfluorooctane sulfonate suppresses immune function in B6C3F1 mice. *Toxicol Sci* 103(1):77–85.
- 0155.** Kenoyer JL, Scalsky ED, Taulbee TD [2008]. Development of site profiles for dose reconstruction used in worker compensation claims. *Health Phys* 95(1):47–54.
- 0156.** Kocher DC, Apostoaei AL, Henshaw RW, Hoffman FO, Schubauer-Berigan MK, Stancescu DO, Thomas BA, Trabalka JR, Gilbert ES, Land CE [2008]. Interactive Radio Epidemiological Program (IREP): a web-based tool for estimating probability of causation/assigned share of radiogenic cancer. *Health Phys* 95(1):119–147.
NORA: Manufacturing
- 0157.** Kong Y-K, Lowe BD, Lee SJ, Krieg EF [2008]. Evaluation of handle shapes for screwdriving. *Appl Ergon* 39(2):191–198.
- 0158.** Kongkaneramt L, Sarisuta N, Azad N, Lu Y, Iyer AKV, Wang Y, Rojanasakul Y [2008]. Dependence of reactive oxygen species and FLICE inhibitory protein on lipofectamine-induced apoptosis in human lung epithelial cells. *J Pharmacol Exp Ther* 325(3):969–977.
NORA: Manufacturing
- 0159.** Kovalchik PG, Matetic RJ, Smith AK, Bealko SB [2008]. Application of prevention through design for hearing loss in the mining industry. *J Saf Res* 39(2):251–254.
NORA: Mining
- 0160.** Kowalski-Trakofler KM, Vaught C, Brnich MJ Jr. [2008]. Expectations training for miners using self-contained self-rescuers in escapes from underground coal mines. *J Occup Environ Hyg* 5(10):671–677.
NORA: Mining
- 0161.** Krieg EF, Chrislip DW, Brightwell WS [2008]. A meta-analysis of studies investigating the effects of lead exposure on nerve conduction. *Arch Toxicol* 82(8):531–542.
- 0162.** Ku BK, de la Mora JF [2008]. Relation between electrical mobility, mass, and size for nanodrops 1–6.5 nm in diameter in air. *Aerosol Sci Tech* 43(3):241–249.
NORA: Manufacturing

0163. Kubale T, Hiratzka S, Henn S, Markey A, Daniels R, Utterback D, Waters K, Silver S, Robinson C, Macievic G, Lodwick J [2008]. A cohort mortality study of chemical laboratory workers at Department of Energy Nuclear Plants. *Am J Ind Med* 51(9):656–667.

0164. Lachance D, Goyal S, Danila R, DeVries A, Lynfield R, Howell J, Wyatt J, Safranek T, Belay E, McQuiston J, Schonberger L, Sejvar J, Brueck S, Adjemian J, Buss B, Gibbins J, Holzbauer S [2008]. Investigation of progressive inflammatory neuropathy among swine slaughterhouse workers—Minnesota, 2007–2008. *MMWR* 57(5):122–124.

0165. Laney AS, Cragin LA, Blevins LZ, Sumner AD, Cox-Ganser JM, Kreiss K, Moffatt SG, Lohff CJ [2008]. Sarcoidosis, asthma, and asthma-like symptoms among occupants of a historically water-damaged office building. *Indoor Air* 19(1):83–90 [Electronic publication—ahead of print].

0166. Lawson CC, Whelan EA, Hibert EN, Grajewski B, Spiegelman D, Rich-Edwards JW [2008]. Occupational factors and risk of preterm birth in nurses. *Am J Obstet Gynecol* 200(1):51.e1–51.e8 [Electronic publication—ahead of print].

0167. Lee D, Lee K-S, Cho S-W, Zhou L, Miller A, Park K, Zachariah MR [2008]. Understanding nanoscale phenomena using single particle mass spectrometry and improvement of its performance—a review. *Chem Phys Res J* 2(1–2):1–37.
NORA: Mining

0168. Lee EG, Feigley CE, Hussey JA, Slaven JE [2008]. Estimation of required monitoring time for obtaining validation data in enclosed spaces. *J Environ Monit* 10(11):1350–1356.

0169. Lee EG, Harper M, Nelson J, Hintz PJ, Andrew ME [2008]. A comparison of the CATHIA-T sampler, the GK2.69 cyclone and the standard cowled sampler for thoracic fiber concentrations at a taconite (iron ore)-processing mill. *Ann Occup Hyg* 52(1):55–62.

0170. Lee S, Suk K, Kim IK, Jang IS, Park J-W, Johnson VJ, Kwon TK, Choi B-J, Kim SH [2008]. Signaling pathways of bisphenol A-induced apoptosis in hippocampal neuronal cells: role of calcium-induced reactive oxygen species, mitogen-activated protein kinases, and nuclear factor- κ B. *J Neurosci Res* 86(13):2932–2942.

0171. Legro RS, Pauli JG, Kunselman AR, Meadows JW, Kesner JS, Zaino RJ, Demers LM, Gnatuk CL, Dodson WC [2008]. Effects of continuous versus cyclical oral contraception: a randomized controlled trial. *J Clin Endocrinol Metab* 93(2):420–429.
NORA: Agriculture, Forestry and Fishing

0172. Lehman EJ, Hein MJ, Estill CF [2008]. Proportionate mortality study of the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry. *Am J Ind Med* 51(12):950–963.

0173. Lehtola MM, van der Molen HF, Lappalainen J, Hoonakker PLT, Hsiao H, Haslam RA, Hale AR, Verbeek JH [2008]. The effectiveness of interventions for preventing injuries in the construction industry—a systematic review. *Am J Prev Med* 35(1):77–85.
NORA: Agriculture, Forestry and Fishing: Construction

I. Journal Articles

- 0174.** Levin R, Brown MJ, Kastock ME, Jacobs DE, Whelan EA, Rodman J, Schock MR, Padilla A, Sinks T [2008]. US children's lead exposures, 2008: implications for prevention. *Environ Health Perspect* 116(10):1285–1293.
NORA: Manufacturing
- 0175.** Lewis TL, Brundage KM, Brundage RA, Barnett JB [2008]. 3,4-dichloropropionanilide (DCPA) inhibits T-cell activation by altering the intracellular calcium concentration following store depletion. *Toxicol Sci* 103(1):97–107.
- 0176.** Lin M-I, Groves WA, Freivalds A, Lee EG, Harper M, Slaven JE, Lee L [2008]. Exposure assessment by physiologic sampling pump—prediction of minute ventilation using a portable respiratory inductive plethysmograph system. *J Environ Monit* 10(9):1179–1186.
NORA: Construction: Manufacturing
- 0177.** Lincoln J, Lucas D [2008]. Commercial fishing fatalities—California, Oregon, and Washington, 2000–2006. *JAMA* 300(13):1510–1511.
NORA: Agriculture, Forestry and Fishing
- 0178.** Lincoln J, Lucas D [2008]. Commercial fishing fatalities—California, Oregon, and Washington, 2000–2006. *MMWR* 57(16):425–429.
NORA: Agriculture, Forestry and Fishing
- 0179.** Lincoln JM, Lucas DL, McKibbin RW, Woodward CC, Bevan JE [2008]. Reducing commercial fishing deck hazards with engineering solutions for winch design. *J Saf Res* 39(2):231–235.
NORA: Agriculture, Forestry and Fishing
- 0180.** Listak JM, Beck TW [2008]. Laboratory and field evaluation of dust collector bags for reducing dust exposure of roof bolter operators. *Min Eng* 60(7):57–63.
NORA: Mining
- 0181.** Loring KA, Myers JR [2008]. Tracking the prevalence of rollover protective structures on U.S. farm tractors: 1993, 2001, and 2004. *J Saf Res* 39(5):509–517.
NORA: Agriculture, Forestry and Fishing
- 0182.** Lu M-L, James T, Lowe B, Barrero M, Kong Y-K [2008]. An investigation of hand forces and postures for using selected mechanical pipettes. *Int J Ind Ergon* 38(1):18–29.
- 0183.** Luckhaupt SE, Calvert GM [2008]. Deaths due to bloodborne infections and their sequelae among health-care workers. *Am J Ind Med* 51(11):812–824.
- 0184.** Luginbuhl RC, Jackson LL, Castillo DN, Loring KA [2008]. Heat-related deaths among crop workers—United States, 1992–2006. *JAMA* 300(9):1017–1018.
- 0185.** Luginbuhl RC, Jackson LL, Castillo DN, Loring KA [2008]. Heat-related deaths among crop workers—United States, 1992–2006. *MMWR* 57(24):649–653.

0186. Luxbacher K, Westman E, Swanson P, Karfakis M [2008]. Three-dimensional time-lapse velocity tomography of an underground longwall panel. *Int J Rock Mech Min Sci* 45(4):478–485.

NORA: Mining

0187. Ma Q [2008]. Xenobiotic-activated receptors: from transcription to drug metabolism to disease. *Chem Res Toxicol* 21(9):1651–1671.

0188. Ma Q, Lu AYH [2008]. The challenges of dealing with promiscuous drug-metabolizing enzymes, receptors and transporters. *Curr Drug Metab* 9(5):374–383.

0189. MacDonald LA, Härenstam A, Warren ND, Punnett L [2008]. Incorporating work organisation into occupational health research: an invitation for dialogue. *Occup Environ Med* 65(1):1–3.

0190. Macher J, Chen B, Rao C [2008]. Chamber evaluation of a personal, bioaerosol cyclone sampler. *J Occup Environ Hyg* 5(11):702–712.

NORA: Manufacturing

0191. Macher J, Chen B, Rao C [2008]. Field evaluation of a personal, bioaerosol cyclone sampler. *J Occup Environ Hyg* 5(11):724–734.

NORA: Manufacturing

0192. MacMahon KL, Delaney LJ, Kullman G, Gibbins JD, Decker J, Kiefer MJ [2008]. Protecting poultry workers from exposure to avian influenza viruses. *Public Health Rep* 123(3):316–322.

NORA: Agriculture, Forestry and Fishing

0193. Maduri A, Pearson BL, Wilson SE [2008]. Lumbar-pelvic range and coordination during lifting tasks. *J Electromyogr Kinesiol* 18(5):807–814.

0194. Martin SB, Dunn C, Freihaut JD, Bahnfleth WP, Lau J, Nedeljkovic-Davidovic A [2008]. Ultraviolet germicidal irradiation—current best practices. *ASHRAE J* 50(8):28–36.

0195. Mathews R, Leiss JK, Lyden JT, Sousa S, Ratcliffe JM, Jagger J [2008]. Provision and use of personal protective equipment and safety devices in the National Study to Prevent Blood Exposure in Paramedics. *Am J Infect Control* 36(10):743–749.

NORA: Disease and Injury: Infectious Diseases

0196. Maxim LD, Allshouse J, Fairfax RE, Lentz TJ, Venturin D, Walters TE [2008]. Workplace monitoring of occupational exposure to refractory ceramic fiber—a 17-year retrospective. *Inhal Toxicol* 20(3):289–309.

NORA: Manufacturing

0197. Mayton AG, Kittusamy NK, Ambrose DH, Jobes CC, Legault ML [2008]. Jarring/jolting exposure and musculoskeletal symptoms among farm equipment operators. *Int J Ind Ergon* 38(9–10):758–766.

I. Journal Articles

0198. Mazurek JM, Attfield MD [2008]. Silicosis mortality among young adults in the United States, 1968–2004. *Am J Ind Med* 51(8):568–578.

0199. Mazurek JM, Filios M, Willis R, Rosenman KD, Reilly MJ, McGreevy K, Schill DP, Valiante D, Pechter E, Davis L, Flattery J, Harrison R [2008]. Work-related asthma in the *Educational Services* industry: California, Massachusetts, Michigan, and New Jersey, 1993–2000. *Am J Ind Med* 51(1):47–59.

0200. Mazurek JM, Wood JM [2008]. Asbestosis-related years of potential life lost before age 65 years—United States, 1968–2005. *MMWR* 57(49):1321–1325.

0201. Mazurek JM, Wood JM [2008]. Silicosis-related years of potential life lost before age 65 years—United States, 1968–2005. *MMWR* 57(28):771–775.

0202. McDowell TW, Dong RG, Xu X, Welcome DE, Warren C [2008]. An evaluation of impact wrench vibration emissions and test methods. *Ann Occup Hyg* 52(2):125–138.

0203. McHugh E, Warneke J, Caceres C [2008]. A case study examination of two blast rounds at a Nevada gold mine. *J Explos Eng* 2:34–40, 44.
NORA: Mining

0204. McKenzie EA Jr., Ronaghi M, Powers JR Jr., Lutz TJ [2008]. Agricultural safety systems: implementing and developing industry standards. *Prof Saf* 53(6):58–62.
NORA: Agriculture, Forestry and Fishing: Mining

0205. McKernan JL, Toraason MA, Fernback JE [2008]. Presence of airborne fibers in tungsten refining and manufacturing processes: preliminary characterization. *J Occup Environ Hyg* 5(7):463–474.
NORA: Manufacturing

0206. McKernan LT, Hein MJ, Wallingford KM, Burge H, Herrick R [2008]. Assessing total fungal concentrations on commercial passenger aircraft using mixed-effects modeling. *J Occup Environ Hyg* 5(1):48–58.
NORA: Transportation, Warehousing and Utilities

0207. McKernan LT, Ruder AM, Petersen MR, Hein MJ, Forrester CL, Sanderson WT, Ashley DL, Butler MA [2008]. Biological exposure assessment to tetrachloroethylene for workers in the dry cleaning industry. *Environ Health Glob Access Sci Source* 7:12.
NORA: Manufacturing

0208. McKernan LT, Wallingford KM, Hein MJ, Burge H, Rogers CA, Herrick R [2008]. Monitoring microbial populations on wide-body commercial passenger aircraft. *Ann Occup Hyg* 52(2):139–149.
NORA: Transportation, Warehousing and Utilities

0209. McKinney W, Frazer D [2008]. Computer-controlled ozone inhalation exposure system. *Inhal Toxicol* 20(1):43–48.
NORA: Manufacturing

0210. Mercer RR, Scabilloni J, Wang L, Kisin E, Murray AR, Schwegler-Berry D, Shvedova AA, Castranova V [2008]. Alteration of deposition pattern and pulmonary response as a result of improved dispersion of aspirated single-walled carbon nanotubes in a mouse model. *Am J Physiol Lung Cell Mol Physiol* 294(1):L87–L97.

NORA: Manufacturing

0211. Merwin SE, Smith MH, Winslow RC, McCartney KA, Fix JJ, Taulbee TD, Macievic GL [2008]. External dose reconstruction under Part B of the Energy Employees Compensation Act. *Health Phys* 95(1):95–106.

0212. Merwin SE, Stewart DN, Smith MH, Potter KD, Hinnefeld SL [2008]. Implications of claimant-favorable approaches used in dose and probability of causation calculations under EEOICPA. *Health Phys* 95(1):148–159.

0213. Methner MM [2008]. Effectiveness of local exhaust ventilation (LEV) in controlling engineered nanomaterial emissions during reactor cleanout operations. *J Occup Environ Hyg* 5(6):D63–D69.

NORA: Manufacturing

0214. Meyer DA, Richer E, Benkovic SA, Hayashi KJ, Kansy JW, Hale CF, Moy LY, Kim Y, O'Callaghan JP, Tsai L-H, Greengard P, Nairn AC, Cowan CW, Miller DB, Antich P, Bibb JA [2008]. Striatal dysregulation of Cdk5 alters locomotor responses to cocaine, motor learning, and dendritic morphology. *Natl Acad Sci U.S.A.* 105(47):18561–18566.

NORA: Services

0215. Miller DB, O'Callaghan JP [2008]. Do early-life insults contribute to the late-life development of Parkinson and Alzheimer diseases? *Metab Clin Exp* 57(Suppl 2):S44–S49.

NORA: Services

0216. Mnatsakanov RM [2008]. Hausdorff moment problem: reconstruction of distributions. *Stat Probab Lett* 78(12):1612–1618.

0217. Mnatsakanov RM [2008]. Hausdorff moment problem: reconstruction of probability density functions. *Stat Probab Lett* 78(13):1867–1877.

0218. Mnatsakanov RM, Misra N, Lil S, Harner EJ [2008]. κ_n -nearest neighbor estimators of entropy. *Math Methods Stat* 17(3):261–277.

0219. Mode NA, Conway GA [2008]. Fatalities among oil and gas extraction workers—United States, 2003–2006. *MMWR* 57(16):429–431.

NORA: Mining: Oil and Gas Extraction

0220. Molinda G [2008]. Reinforcing coal mine roof with polyurethane injection: 4 case studies. *Geotech Geol Eng* 26(5):553–566.

0221. Molinda G, Klemetti T [2008]. Diagnosing and controlling moisture-sensitive roof in coal mines. *Electron J Geotech Eng* 13(A):1–20.

NORA: Mining

I. Journal Articles

- 0222.** Molinda GM, Mark C, Pappas DM, Klemetti TM [2008]. Overview of coal mine ground control issues in the Illinois basin. *Trans Soc Min Metal Explor* 324:41–48.
NORA: Mining
- 0223.** Moore SM, Bauer ER, Steiner LJ [2008]. Prevalence and cost of cumulative injuries over two decades of technological advances: a look at underground coal mining in the U.S. *Min Eng* 60(1):46–50.
- 0224.** Morris JB, Hubbs AF [2008]. Inhalation dosimetry of diacetyl and butyric acid, two components of butter flavoring vapors. *Toxicol Sci* 108(1):173–183.
- 0225.** Muller V, Szabo AJ, Erdely A, Tain YL, Baylis C [2008]. Sex differences in response to cyclosporine immunosuppression in experimental kidney transplantation. *Clin Exp Pharmacol Physiol* 35(5–6):574–579.
- 0226.** Murashov V, Howard J [2008]. The US must help set international standards for nanotechnology. *Nat Nanotechnol* 3(11):635–636.
- 0227.** Nakata A, Takahashi M, Ikeda T, Hojou M, Nigam JA, Swanson NG [2008]. Active and passive smoking and depression among Japanese workers. *Prev Med* 46(5):451–456.
- 0228.** Nelson A, Collins J, Siddharthan K, Matz M, Waters T [2008]. Link between safe patient handling and patient outcomes in long-term care. *Rehabil Nurs* 33(1):33–43.
- 0229.** Neton JW, Elliott LJ [2008]. The National Institute for Occupational Safety and Health radiation dose reconstruction program: commentary and conclusions. *Health Phys* 95(1):160–163.
- 0230.** Neton JW, Howard J, Elliott LJ [2008]. Radiation dose reconstruction program of the National Institute for Occupational Safety and Health: overview. *Health Phys* 95(1):6–13.
- 0231.** Nishi A, Kuroiwa M, Miller DB, O'Callaghan JP, Bateup HS, Shuto T, Sotogaku N, Fukuda T, Heintz N, Greengard P, Snyder GL [2008]. Distinct roles of PDE4 and PDE10A in the regulation of cAMP/PKA signaling in the striatum. *J Neurosci* 28(42):10460–10471.
NORA: Services
- 0232.** Noll J, Birch ME [2008]. Effects of sampling artifacts on occupational samples of diesel particulate matter. *Environ Sci Technol* 42(14):5223–5228.
NORA: Mining
- 0233.** Nurkiewicz TR, Porter DW, Hubbs AF, Cumpston JL, Chen BT, Frazer DG, Castranova V [2008]. Nanoparticle inhalation augments particle-dependent systemic microvascular dysfunction. *Part Fibre Toxicol* 5:1.
NORA: Manufacturing
- 0234.** O'Callaghan JP, Sriram K, Miller DB [2008]. Defining "neuroinflammation" lessons from MPTP- and methamphetamine-induced neurotoxicity. *Ann NY Acad Sci* 1139(1):318–330.
NORA: Manufacturing

- 0235.** Old L, Dunn KH, Garcia A, Echt A [2008]. Engineering case reports—evaluation of a local exhaust ventilation system for controlling exposures during liquid flavoring production. *J Occup Environ Hyg* 5(11):D103–D110.
NORA: Manufacturing
- 0236.** Olfert JS, Kulkarni P, Wang J [2008]. Measuring aerosol size distributions with the fast integrated mobility spectrometer. *J Aerosol Sci* 39(11):940–956.
NORA: Manufacturing
- 0237.** Olivero OA, Ming JM, Das S, Vazquez IL, Richardson DL, Weston A, Poirier MC [2008]. Human inter-individual variability in metabolism and genotoxic response to zidovudine. *Toxicol Appl Pharmacol* 228(2):158–164.
- 0238.** Pacolay BD, Ham JE, Slaven JE, Wells JR [2008]. Feasibility of detection and quantification of gas-phase carbonyls in indoor environments using PFBHA derivatization and solid-phase microextraction (SPME). *J Environ Monit* 10(7):853–860.
NORA: Services
- 0239.** Pacurari M, Yin XJ, Ding M, Leonard SS, Schwegler-Berry D, Ducatman BS, Chirila M, Endo M, Castranova V, Vallyathan V [2008]. Oxidative and molecular interactions of multi-wall carbon nanotubes (MWCNT) in normal and malignant human mesothelial cells. *Nanotoxicology* 2(3):155–170.
NORA: Manufacturing
- 0240.** Pacurari M, Yin XJ, Zhao JS, Ding M, Leonard SS, Schwegler-Berry D, Ducatman BS, Sbarra D, Hoover MD, Castranova V, Vallyathan V [2008]. Raw single-wall carbon nanotubes induce oxidative stress and activate MAPKs, AP-1, NF- κ B, and Akt in normal and malignant human mesothelial cells. *Environ Health Perspect* 116(9):1211–1217.
NORA: Manufacturing
- 0241.** Page SJ, Listak JM, Reed R [2008]. Improve dust capture on your surface drill. *Coal Age* 113(9):36, 38.
NORA: Mining
- 0242.** Page SJ, Reed R, Listak JM [2008]. An expanded model for predicting surface coal mine drill respirable dust emissions. *Int J Min Reclam Environ* 22(3):210–221.
NORA: Mining
- 0243.** Page SJ, Volkwein JC, Vinson RP, Joy GJ, Mischler SE, Tuchman DP, McWilliams LJ [2008]. Equivalency of a personal dust monitor to the current United States coal mine respirable dust sampler. *J Environ Monit* 10(1):96–101.
- 0244.** Palmer CV, Mormer E, Ortmann A, Byrne D, Ye Y, Keogh L [2008]. Is it REAL? Research evaluation for audiology literature. *Hear J* 61(10):17–28.
NORA: Manufacturing
- 0245.** Pan CS, Hoskin A, McCann M, Lin M-L, Fearn K, Keane P [2008]. Aerial lift fall injuries: a surveillance and evaluation approach for targeting prevention activities. *J Saf Res* 38(6):617–625.

I. Journal Articles

- 0246.** Pang TWS, Harper M [2008]. The quality of fiber counts using improved slides with relocatable fields. *J Environ Monit* 10(1):89–95.
- 0247.** Papp T, Schiffmann D, Weiss D, Castranova V, Vallyathan V, Rahman Q [2008]. Human health implications of nanomaterial exposure. *Nanotoxicology* 2(1):9–27.
NORA: Manufacturing
- 0248.** Park J-H, Cox-Ganser JM, Kreiss K, White SK, Rao CY [2008]. Hydrophilic fungi and ergosterol associated with respiratory illness in a water-damaged building. *Environ Health Perspect* 116(1):45–50.
NORA: Services
- 0249.** Parks C, Cooper G, Dooley M, Park M, Treadwell E, Gilkeson G [2008]. Childhood agricultural and adult occupational exposures to organic dusts in a population-based case-control study of systemic lupus erythematosus. *Lupus* 17(8):711–719.
- 0250.** Perrone J, Marcus SM, Blando JD, Schill DP, Trout DB, Schulte PA, Geraci CL, Dotson GS, Hanley KW, Mead KR, Myers DVL, Curran C [2008]. Neurologic illness associated with occupational exposure to the solvent 1-bromopropane—New Jersey and Pennsylvania, 2007–2008. *MMWR* 57(48):1300–1302.
NORA: Manufacturing
- 0251.** Petersen MR, Burnett CA [2008]. The suicide mortality of working physicians and dentists. *Occup Med* 58(1):25–29.
NORA: Manufacturing
- 0252.** Petersen MR, Deddens JA [2008]. A comparison of two methods for estimating prevalence ratios. *BMC Med Res Methodol* 8:9.
NORA: Manufacturing
- 0253.** Pinheiro GA, Antão VC, Wood JM, Wassell JT [2008]. Occupational risks for idiopathic pulmonary fibrosis mortality in the United States. *Int J Occup Environ Health* 14(2):117–123.
NORA: Healthcare and Social Assistance: Manufacturing
- 0254.** Porter D, Sriram K, Wolfarth M, Jefferson A, Schwegler-Berry D, Andrew M, Castranova V [2008]. A biocompatible medium for nanoparticle dispersion. *Nanotoxicology* 2(3):144–154.
NORA: Manufacturing
- 0255.** Porter WL, Mayton AG, O'Brien A [2008]. Ergonomic interventions at Unimin. *Trans Soc Min Metal Explor* 324:61–66.
- 0256.** Potts JD, Reed WR [2008]. Horizontal air-blocking shelf reduces dust leakage from surface drill shroud. *Trans Soc Min Metal Explor* 324:55–60.
- 0257.** Quick BL, Stephenson MT, Witte K, Vaught C, Booth-Butterfield S, Patel D [2008]. An examination of antecedents to coal miners' hearing protection behaviors: a test of the theory of planned behavior. *J Saf Res* 39(3):329–338.
NORA: Mining

- 0258.** Rakheja S, Dong RG [2008]. Workplace vibration exposure: characterization, assessment and ergonomic interventions. *Int J Ind Ergon* 38(9–10):651.
- 0259.** Rakheja S, Mandapuram S, Dong RG [2008]. Energy absorption of seated occupants exposed to horizontal vibration and role of back support condition. *Ind Health* 46(6):550–566.
- 0260.** Reed LD [2008]. A message from the editor. *Public Health Rep* 123(3):257.
- 0261.** Reed WR, Listak JM, Page SJ, Organiscak JA [2008]. Summary of NIOSH research completed on dust control methods for surface and underground drilling. *Trans Soc Min Metal Explor* 324:32–40.
- 0262.** Reissman DB, Howard J [2008]. Responder safety and health: preparing for future disasters. *Mt Sinai J Med* 75(2):135–141.
- 0263.** Rengasamy S, Eimer BC, Shaffer RE [2008]. Nanoparticle filtration performance of commercially available dust masks. *J Int Soc Respir Prot* 25:27–41.
- 0264.** Rengasamy S, King WP, Eimer BC, Shaffer RE [2008]. Filtration performance of NIOSH-approved N95 and P100 filtering facepiece respirators against 4 to 30 nanometer-size nanoparticles. *J Occup Environ Hyg* 5(9):556–564.
- 0265.** Reynolds JS, Johnson VJ, Frazer DG [2008]. Unrestrained acoustic plethysmograph for measuring specific airway resistance in mice. *J Appl Psychol* 105(2):711–717.
- 0266.** Riggs MA, Rao CY, Brown CM, Van Sickle D, Cummings KJ, Dunn KH, Deddens JA, Ferdinands J, Callahan D, Moolenaar RL, Pinkerton LE [2008]. Resident cleanup activities, characteristics of flood-damaged homes and airborne microbial concentrations in New Orleans, Louisiana, October 2005. *Environ Res* 106(3):401–409.
- 0267.** Roberge MR, Vojtko MR, Roberge RJ, Vojtko RJ, Landsittel DP [2008]. Wearing an N95 respirator concurrently with a powered air-purifying respirator: effect on protection factor. *Respir Care* 53(12):1685–1690.
- 0268.** Roberge RJ [2008]. Effect of surgical masks worn concurrently over N95 filtering facepiece respirators: extended service life versus increased user burden. *J Public Health Manag Pract* 14(2):E19–E26.
- 0269.** Roberge RJ [2008]. Evaluation of the rationale for concurrent use of N95 filtering facepiece respirators with loose-fitting powered air-purifying respirators during aerosol-generating medical procedures. *Am J Infect Control* 36(2):135–141.
- 0270.** Rodes CE, Pellizzari ED, Dellarco MJ, Erickson MD, Vallero DA, Reissman DB, Liroy PJ, Lippmann M, Burke TA, Goldstein BD [2008]. ISEA2007 panel: integration of better exposure characterizations into disaster preparedness for responders and the public. *J Expo Sci Environ Epidemiol* 18(6):541–550.
- 0271.** Ryan MJ, Dudash HJ, Docherty M, Geronilla KB, Baker BA, Haff GG, Cutlip RG, Alway SE [2008]. Aging-dependent regulation of antioxidant enzymes and redox status in chronically loaded rat dorsiflexor muscles. *J Gerontol A Biol Sci Med Sci* 63A(10):1015–1026.

I. Journal Articles

0272. Sager TM, Porter D, Castranova V [2008]. Pulmonary response to intratracheal instillation of ultrafine versus fine titanium dioxide: role of particle surface area. *Part Fibre Toxicol* 5(1):17.
NORA: Manufacturing

0273. Sahakian N, Kullman G, Lynch D, Kreiss K [2008]. Asthma arising in flavoring-exposed food production workers. *Int J Occup Med Environ Health* 21(2):173–177.

0274. Sahakian NM, Park J-H, Cox-Ganser JM [2008]. Dampness and mold in the indoor environment: implications for asthma. *Immunol Allergy Clin North Am* 28(3):485–505.
NORA: Services

0275. Sahakian NM, White SK, Park J-H, Cox-Ganser JM, Kreiss K [2008]. Identification of mold and dampness-associated respiratory morbidity in 2 schools: comparison of questionnaire survey responses to national data. *J Sch Health* 78(1):32–37.

0276. Salem S, Genaidy A, Albers J, Shell R, Sobeih T, Rinder MM [2008]. Use and acceptability of reduced-weight Portland cement bags in masonry construction: an observational pilot study. *Hum Factors Ergon Manuf* 18(3):253–269.

0277. Samanic CM, De Roos AJ, Stewart PA, Rajaraman P, Waters MA, Inskip PD [2008]. Occupational exposure to pesticides and risk of adult brain tumors. *Am J Epidemiol* 167(8):976–985.
NORA: Agriculture, Forestry and Fishing

0278. Sapko MJ, Harteis SP, Weiss ES [2008]. Comparison of methods: dynamic versus hydrostatic testing of mine ventilation seals. *Min Eng* 60(9):147–153.
NORA: Mining

0279. Sargent LM, Ensell MX, Ostvold AC, Baldwin KT, Kashon ML, Lowry DT, Senft JR, Jefferson AM, Johnson RC, Li Z, Tyson FL, Reynolds SH [2008]. Chromosomal changes in high- and low-invasive mouse lung adenocarcinoma cell strains derived from early passage mouse lung adenocarcinoma cell strains. *Toxicol Appl Pharmacol* 233(1):81–91.
NORA: Manufacturing

0280. Schachter EN, Zuskin E, Arumugam U, Goswami S, Castranova V, Whitmer M, Chiarelli A [2008]. Pharmacologic effects of grain weevil extract on isolated guinea pig tracheal smooth muscle. *Lung* 186(5):317–321.
NORA: Manufacturing

0281. Schafer MP, Kujundzic E, Moss CE, Miller SL [2008]. Method for estimating ultraviolet germicidal fluence rates in a hospital room. *Infect Control Hosp Epidemiol* 29(11):1042–1047.

0282. Scharf MT, Mackiewicz M, Naidoo N, O'Callaghan JP, Pack AI [2008]. AMP-activated protein kinase phosphorylation in brain is dependent on method of killing and tissue preparation. *J Neurochem* 105(3):833–841.
NORA: Manufacturing

- 0283.** Scharf T, Chapman L, Collins J, Limanowski J, Heaney C, Goldenhar LM [2008]. Intervention effectiveness evaluation criteria: promoting competitions and raising the bar. *J Occup Health Psychol* 13(1):1–9.
- 0284.** Schild-Hay LJ, Leil TA, Divi RL, Olivero OA, Weston A, Poirier MC [2008]. Tamoxifen induces expression of immune response-related genes in cultured normal human mammary epithelial cells. *Cancer Res* 69(3):1150–1155.
- 0285.** Schmechel D, Green BJ, Blachere FM, Janotka E, Beezhold DH [2008]. Analytical bias of cross-reactive polyclonal antibodies for environmental immunoassays of *Alternaria alternata*. *J Allergy Clin Immunol* 121(3):763–768.
NORA: Services
- 0286.** Schrader SM, Breitenstein MJ, Lowe BD [2008]. Cutting off the nose to save the penis. *J Sex Med* 5(8):1932–1940.
NORA: Manufacturing
- 0287.** Schubauer-Berigan MK, Deddens JA, Steenland K, Sanderson WT, Petersen MR [2008]. Adjustment for temporal confounders in a reanalysis of a case-control study of beryllium and lung cancer. *Occup Environ Med* 65(6):379–383.
- 0288.** Schuler CR, Kitt MM, Henneberger PK, Deubner DC, Kreiss K [2008]. Cumulative sensitization and disease in a beryllium oxide ceramics worker cohort. *J Occup Environ Med* 50(12):1343–1350.
NORA: Manufacturing
- 0289.** Schulte P, Geraci C, Zumwalde R, Hoover M, Castranova V, Kuempel E, Murashov V, Vainio H, Savolainen K [2008]. Sharpening the focus on occupational safety and health in nanotechnology. *Scand J Work Environ Health* 34(6):471–478.
NORA: Manufacturing
- 0290.** Schulte P, Geraci C, Zumwalde R, Hoover M, Kuempel E [2008]. Occupational risk management of engineered nanoparticles. *J Occup Environ Hyg* 5(4):239–249.
- 0291.** Schulte PA, Rinehart R, Okun A, Geraci CL, Heidel DS [2008]. National prevention through design (PtD) initiative. *J Saf Res* 39(2):115–121.
- 0292.** Schulte PA, Trout D, Zumwalde RD, Kuempel E, Geraci CL, Castranova V, Mundt DJ, Mundt KA, Halperin WE [2008]. Options for occupational health surveillance of workers potentially exposed to engineered nanoparticles: state of the science. *J Occup Environ Med* 50(5):517–526.
NORA: Manufacturing
- 0293.** Schulte PA, Wagner GR, Downes A, Miller DB [2008]. A framework for the concurrent consideration of occupational hazards and obesity. *Ann Occup Hyg* 52(7):555–566.
NORA: Services
- 0294.** Scott DF [2008]. A case study in applied social marketing: developing an occupational safety and health product. *Soc Mark Q* 14(4):89–98.
NORA: Mining

I. Journal Articles

- 0295.** Shockley VE, Kathren RL, Thomas EM [2008]. Reconstruction of doses from occupationally related medical x-ray examinations. *Health Phys* 95(1):107–118.
- 0296.** Shvedova AA, Fabisiak JP, Kisin ER, Murray AR, Roberts JR, Tyurina YY, Antonini JM, Feng WH, Kommineni C, Reynolds J, Barchowsky A, Castranova V, Kagan VE [2008]. Sequential exposure to carbon nanotubes and bacteria enhances pulmonary inflammation and infectivity. *Am J Respir Cell Mol Biol* 38(5):579–590.
NORA: Manufacturing
- 0297.** Shvedova AA, Kisin E, Murray AR, Johnson VJ, Gorelik O, Arepalli S, Hubbs AF, Mercer RR, Keohavong P, Sussman N, Jin J, Yin J, Stone S, Chen BT, Deye G, Maynard A, Castranova V, Baron PA, Kagan VE [2008]. Inhalation vs. aspiration of single-walled carbon nanotubes in C57BL/6 mice: inflammation, fibrosis, oxidative stress, and mutagenesis. *Am J Physiol Lung Cell Mol Physiol* 295(4):L552–L565.
NORA: Manufacturing
- 0298.** Shvedova AA, Kisin ER, Murray AR, Kommineni C, Castranova V, Fadeel B, Kagan VE [2008]. Increased accumulation of neutrophils and decreased fibrosis in the lung of NADPH oxidase-deficient C57BL/6 mice exposed to carbon nanotubes. *Toxicol Appl Pharmacol* 231(2):235–240.
NORA: Manufacturing
- 0299.** Siegel PD, Fedorowicz A, Butterworth L, Law B, Anderson SE, Snyder J, Beezhold D [2008]. Physical-chemical and solvent considerations in evaluating the influence of carbon chain length on the skin sensitization activity of 1-bromoalkanes. *Toxicol Sci* 107(1):78–84.
- 0300.** Sigurdson AJ, Bhatti P, Preston DL, Doody MM, Karnpa D, Alexander BH, Petibone D, Yong LC, Edwards AA, Ron E, Tucker JD [2008]. Routine diagnostic x-ray examinations and increased frequency of chromosome translocations among US radiologic technologists. *Cancer Res* 68(21):8825–8831.
NORA: Manufacturing
- 0301.** Sigurdson AJ, Ha M, Hauptmann M, Bhatti P, Sram RJ, Beskid O, Tawn EJ, Whitehouse CA, Lindholm C, Nakano M, Kodama Y, Nakamura N, Vorobtsova I, Oestreicher U, Stephan G, Yong LC, Bauchinger M, Schmid E, Chung HW, Darroudi F, Roy L, Voisin P, Barquinero JF, Livingston G, Blakey D, Hayata I, Zhang W, Wang CY, Bennett LM, Littlefield LG, Edwards AA, Kleinerman RA, Tucker JD [2008]. International study of factors affecting human chromosome translocations. *Mutat Res Genet Toxicol Environ Mutagen* 652(2):112–121.
NORA: Transportation, Warehousing and Utilities
- 0302.** Simeonov P, Hsiao H, Powers J, Ammons D, Amendola A, Kau T-Y, Cantis D [2008]. Footwear effects on walking balance at elevation. *Ergonomics* 51(12):1885–1905.
NORA: Agriculture, Forestry and Fishing; Construction
- 0303.** Slaven JE, Andrew ME, Violanti JM, Burchfiel CM, Mnatsakanova A, Vila BJ [2008]. Dimensional analysis of actigraphic derived sleep data. *Nonlinear Dyn Psychol Life Sci* 12(2):153–161.
NORA: Services

- 0304.** Slaven JE, Andrew ME, Violanti JM, Burchfiel CM, Vila BJ [2008]. Factor analysis and structural equation modeling of actigraphy derived sleep variables. *Open Sleep J* 1(5):6–10.
NORA: Services
- 0305.** Slaven JE, Mnatsakanova A, Li S, Violanti JM, Burchfiel CM, Vila BJ, Andrew ME [2008]. Waiting time distributions of actigraphy measured sleep. *Open Sleep J* 1(1):1–5.
NORA: Services
- 0306.** Smith AC, Yuan L [2008]. Simulation of spontaneous heating in longwall gob areas with a bleederless ventilation system. *Min Eng* 60(8):61–66.
NORA: Mining
- 0307.** Snyder JA, Demchuk E, McCanlies EC, Schuler CR, Kreiss K, Andrew ME, Frye BL, Ensey JS, Stanton ML, Weston A [2008]. Impact of negatively charged patches on the surface of MHC class II antigen-presenting proteins on risk of chronic beryllium disease. *J R Soc Interface* 5(24):749–758.
- 0308.** Snyder JA, Madura JD [2008]. Interaction of the phospholipid head group with representative quartz and aluminosilicate structures: an Ab initio study. *J Phys Chem B* 112(23):7095–7103.
NORA: Manufacturing
- 0309.** Stayner LT, Kuempel E, Gilbert S, Hein M, Dement J [2008]. An epidemiologic study of the role of chrysotile asbestos fiber dimensions in determining respiratory disease risk in exposed workers. *Occup Environ Med* 65(9):613–619.
NORA: All Sectors: Manufacturing: Mining
- 0310.** Steenland K, Pinkerton LE [2008]. Mortality patterns following downsizing at Pan American World Airways. *Am J Epidemiol* 167(1):1–6.
NORA: Transportation, Warehousing and Utilities
- 0311.** Stefaniak AB, Chipera SJ, Day GA, Sabey P, Dickerson RM, Sbarra DC, Duling MG, Lawrence RB, Stanton ML, Scripsick RC [2008]. Physicochemical characteristics of aerosol particles generated during the milling of beryllium silicate ores: implications for risk assessment. *J Toxicol Environ Health, A* 71(22):1468–1481.
NORA: Manufacturing
- 0312.** Stefaniak AB, Turk GC, Dickerson RM, Hoover MD [2008]. Size-selective poorly soluble particulate reference materials for evaluation of quantitative analytical methods. *Anal Bioanal Chem* 391(6):2071–2077.
- 0313.** Steiner AZ, Baird DD, Kesner JS [2008]. Mother's menopausal age is associated with her daughter's early follicular phase urinary follicle-stimulating hormone level. *Menopause* 15(5):940–944.
NORA: Agriculture, Forestry and Fishing

I. Journal Articles

0314. Stellman JM, Smith RP, Katz CL, Sharma V, Charney DS, Herbert R, Moline J, Luft BJ, Markowitz S, Udasin I, Harrison D, Baron S, Landrigan PJ, Levin SM, Southwick S [2008]. Enduring mental health morbidity and social function impairment in World Trade Center rescue, recovery, and cleanup workers: the psychological dimension of an environmental health disaster. *Environ Health Perspect* 116(9):1248–1253.

NORA: Services

0315. Stettler LE, Sharpnack DD, Krieg EF [2008]. Chronic inhalation of short asbestos: lung fiber burdens and histopathology for monkeys maintained for 11.5 years after exposure. *Inhal Toxicol* 20(1):63–73.

0316. Stout NA [2008]. The public health approach to occupational injury research: from surveillance to prevention. *Saf Sci* 46(2):230–233.

0317. Sublet VH, Lum MR [2008]. Use of health communication and social marketing principles in planning occupational safety and health interventions. *Soc Mark Q* 14(4):45–70.

0318. Syamlal G, Mazurek JM [2008]. Prevalence of asthma among youth on Hispanic-operated farms in the United States—2000. *J Agromed* 13(3):155–164.

0319. Szabo AJ, Muller V, Chen GF, Samsell LJ, Erdely A, Baylis C [2008]. Nephron number determines susceptibility to renal mass reduction-induced CKD in Lewis and Fisher 344 rats: implications for development of experimentally induced chronic allograft nephropathy. *Nephrol Dial Transplant* 23(8):2492–2495.

0320. Tak S, Calvert GM [2008]. Hearing difficulty attributable to employment by industry and occupation: an analysis of the National Health Interview Survey—United States, 1997 to 2003. *J Occup Environ Med* 50(1):46–56.

NORA: Services

0321. Tak SW, Roscoe RJ, Alarcon W, Ju J, Sestito JP, Sussell AL, Calvert GM [2008]. Characteristics of US workers whose blood lead levels trigger the medical removal protection provision, and conformity with biological monitoring requirements, 2003–2005. *Am J Ind Med* 51(9):691–700.

NORA: Healthcare and Social Assistance: Services

0322. Torma-Krajewski J, Lehman M [2008]. Ergonomics interventions at Badger Mining Corporation. *Int J Occup Saf Ergon* 14(3):351–359.

0323. Trevits MA, McCartney C [2008]. Use of Rocsil[®] foam to remotely construct mine seals. *Trans Soc Min Metal Explor* 324:89–93.

NORA: Mining

0324. Tuchman DP, Volkwein JC, Vinson RP [2008]. Implementing infrared determination of quartz particulates on novel filters for a prototype dust monitor. *J Environ Monit* 10(5):671–678.

0325. Tucker SP [2008]. Determination of ortho-phthalaldehyde in air and on surfaces. *J Environ Monit* 10(11):1337–1349.

NORA: Healthcare and Social Assistance

0326. Turner NL, Wassell JT, Whisler R, Zwiener J [2008]. Suspension tolerance in a full-body safety harness, and a prototype harness accessory. *J Occup Environ Hyg* 5(4):227–231.

0327. Ulsh BA, Rich BL, Chew MH, Morris RL, Sharfi M, Rolfes MR [2008]. Establishing bounding internal dose estimates for thorium activities at Rocky Flats. *Health Phys* 95(1):81–88.

0328. Vaught C, Peters R, Hall E, Volkwein J [2008]. Coal miner responses to the personal dust monitor. *Coal Age* 113(4):42–47.

NORA: Mining

0329. Velan SS, Pichumani K, Murray D, Raylman RR, Scott T, Manivannan A, Halliburton L [2008]. Magnetic resonance spectroscopy with longitudinal multispin orders. *Curr Anal Chem* 4(1):40–54.

NORA: Mining

0330. Violanti JM, Charles LE, Hartley TA, Mnatsakanova A, Andrew ME, Fekedulegn D, Vila B, Burchfiel CM [2008]. Shift-work and suicide ideation among police officers. *Am J Ind Med* 51(10):758–768.

NORA: Services

0331. Vojtko MR, Roberge MR, Vojtko RJ, Roberge RJ, Landsittel DP [2008]. Effect on breathing resistance of a surgical mask worn over a N95 filtering facepiece respirator. *J Int Soc Respir Prot* 25:1–8.

0332. Volkwein JC, Mischler SE, Davies B, Ellis C [2008]. Field measurement of diesel particulate matter emissions. *Ann Occup Hyg* 52(2):99–105.

0333. Vrijheid M, Cardis E, Ashmore P, Auvinen A, Gilbert E, Habib RR, Malke H, Muirhead CR, Richardson DB, Rogel A, Schubauer-Berigan M, Tardy H, Telle-Lamberton M [2008]. Ionizing radiation and risk of chronic lymphocytic leukemia in the 15-country study of nuclear industry workers. *Radiat Res* 170(5):661–665.

NORA: Manufacturing

0334. Wagner GR [2008]. Thinking longitudinally in a cross-sectional world. *Am J Respir Crit Care Med* 177(6):565–566.

0335. Wang L, Chanvorachote P, Toledo D, Stehlik C, Mercer RR, Castranova V, Rojanasakul Y [2008]. Peroxide is a key mediator of Bcl-2 down-regulation and apoptosis induction by cisplatin in human lung cancer cells. *Mol Pharmacol* 73(1):119–127.

NORA: Manufacturing

I. Journal Articles

- 0336.** Wang LY, Azad N, Kongkaneramt L, Chen F, Lu YJ, Jiang BH, Rojanasakul Y [2008]. The Fas death signaling pathway connecting reactive oxygen species generation and FLICE inhibitory protein down-regulation. *J Immunol* 180(5):3072–3080.
NORA: Manufacturing
- 0337.** Wang Z, Hopke PK, Ahmadi G, Cheng Y-S, Baron PA [2008]. Fibrous particle deposition in human nasal passage: the influence of particle length, flow rate, and geometry of nasal airway. *J Aerosol Sci* 39(12):1040–1054.
NORA: Manufacturing
- 0338.** Waters T, Genaidy A, Viruet HB, Makola M [2008]. The impact of operating heavy equipment vehicles on lower back disorders. *Ergonomics* 51(5):602–636.
NORA: Manufacturing: Transportation, Warehousing and Utilities
- 0339.** Weinmann S, Vollmer WM, Breen V, Heumann M, Hnizdo E, Villnave J, Doney B, Graziani M, McBurnie MA, Buist AS [2008]. COPD and occupational exposures: a case-control study. *J Occup Environ Med* 50(5):561–569.
- 0340.** Welbourne JL, Hartley TA, Ott SD, Robertson S [2008]. Effects of risk-focused and recommendation-focused mental imagery on occupational risk communication. *Health Commun* 23(5):473–482.
- 0341.** Welcome DE, Krajnak K, Kashon ML, Dong RG [2008]. An investigation on the biodynamic foundation of a rat tail vibration model. *J Eng Med* 222(7):1127–1141.
- 0342.** Wells JR, Morrison GC, Coleman BK [2008]. Kinetics and reaction products of ozone and surface-bound squalene. *J ASTM Int* 5(7):1–12.
NORA: Services
- 0343.** West C, Bernard B, Mueller C, Kitt M, Driscoll R, Tak S [2008]. Mental health outcomes in police personnel after Hurricane Katrina. *J Occup Environ Med* 50(6):689–695.
- 0344.** Wheeler K, Kass D, Hoffman RS, Lackovic M, Mitchell Y, Barrett R, Morrissey B, Mehler L, Diebolt-Brown B, Waltz J, Schwartz A, Calvert GM, Luckhaupt SE [2008]. Illnesses and injuries related to total release foggers—eight states, 2001–2006. *JAMA* 300(22):2600–2602.
NORA: Agriculture, Forestry and Fishing
- 0345.** Wheeler K, Kass D, Hoffman RS, Lackovic M, Mitchell Y, Barrett R, Morrissey B, Mehler L, Diebolt-Brown B, Waltz J, Schwartz A, Calvert GM, Luckhaupt SE [2008]. Illnesses and injuries related to total release foggers—eight states, 2001–2006. *MMWR* 57(41):1125–1129.
NORA: Agriculture, Forestry and Fishing
- 0346.** Wheeler MW, Bailer AJ [2008]. Model averaging software for dichotomous dose response risk estimation. *J Stat Softw* 26(5):1–15.

- 0347.** Wirth O, Sigurdsson SO [2008]. When workplace safety depends on behavior change: topics for behavioral safety research. *J Saf Res* 39(6):589–598.
NORA: Manufacturing
- 0348.** Woodruff TJ, Zeise L, Axelrad DA, Guyton KZ, Janssen S, Miller M, Miller GG, Schwartz JM, Alexeeff G, Anderson H, Birnbaum L, Bois F, Cogliano VJ, Crofton K, Euling SY, Foster PMD, Germolec DR, Gray E, Hattis DB, Kyle AD, Luebke RW, Luster MI, Portier C, Rice DC, Solomon G, Vandenberg J, Zoeller RT [2008]. Meeting report: moving upstream—evaluating adverse upstream end points for improved risk assessment and decision-making. *Environ Health Perspect* 116(11):1568–1575.
NORA: Healthcare and Social Assistance: Services
- 0349.** Wu JZ, An K-N, Cutlip RG, Krajnak K, Welcome D, Dong RG [2008]. Analysis of musculoskeletal loading in an index finger during tapping. *J Biomech* 41(3):668–676.
- 0350.** Wu JZ, Krajnak K, Welcome DE, Dong RG [2008]. Three-dimensional finite element simulations of the dynamic response of a fingertip to vibration. *J Biomech Eng* 130(5):054501.
- 0351.** Wyatt SB, Akylbekova EL, Wofford MR, Coady SA, Walker ER, Andrew ME, Keahey WJ, Taylor HA, Jones DW [2008]. Prevalence, awareness, treatment, and control of hypertension in the Jackson Heart Study. *Hypertension* 51(3):650–656.
- 0352.** Yong LC, Sigurdson J, Ward EM, Waters MA, Whelan EA, Petersen MR, Bhatti P, Ramsey MJ, Ron E, Tucker JD [2008]. Increased frequency of chromosome translocations in airline pilots with long-term flying experience. *Occup Environ Med* 66(1):56–62 [Electronic publication—ahead of print].
- 0353.** Young S-H, Antonini JM, Roberts JR [2008]. Single pre-exposure to a high dose of zymosan enhances lung defense mechanisms and accelerates the pulmonary clearance of a bacterial pathogen in rats. *Exp Lung Res* 34(9):559–578.
NORA: Construction: Manufacturing
- 0354.** Young S-H, Antonini JM, Roberts JR, Erdely AD, Zeidler-Erdely PC [2008]. Performance evaluation of cytometric bead assays for the measurement of lung cytokines in two rodent models. *J Immunol Methods* 331(1–2):59–68.
NORA: Construction: Manufacturing
- 0355.** Yuan BZ, Chapman JA, Reynolds SH [2008]. Proteasome inhibitor MG132 induces apoptosis and inhibits invasion of human malignant pleural mesothelioma cells. *Transl Oncol* 1(3):129–140.
NORA: Manufacturing
- 0356.** Yuan L, Smith AC [2008]. Numerical study on effects of coal properties on spontaneous heating in longwall gob areas. *Fuel* 87(15–16):3409–3419.
NORA: Mining
- 0357.** Yucesoy B, Johnson VJ, Kissling GE, Fluharty K, Kashon ML, Slaven J, Germolec D, Vallyathan V, Luster MI [2008]. Genetic susceptibility to progressive massive fibrosis in coal miners. *Eur Respir J* 31(6):1177–1182.

I. Journal Articles

0358. Yucesoy B, Kurzius-Spencer M, Johnson VJ, Fluharty K, Kashon ML, Guerra S, Luster MI, Burgess JL [2008]. Association of cytokine gene polymorphisms with rate of decline in lung function. *J Occup Environ Med* 50(8):642–648.

0359. Zeidler-Erdely PC, Kashon ML, Battelli LA, Young S-H, Erdely A, Roberts JR, Reynolds SH, Antonini JM [2008]. Pulmonary inflammation and tumor induction in lung tumor susceptible A/J and resistant C57BL/6J mice exposed to welding fume. *Part Fibre Toxicol* 5:12.

NORA: Construction: Manufacturing

0360. Zhang Y, Martin SW, Rose CE Jr., Biagini RE, Franzke LH, Smith JP, Sammons DL, Robertson SA, McNeil MM [2008]. Evaluation of body mass index, pre-vaccination serum progesterone levels and anti-anthrax protective antigen immunoglobulin G on injection site adverse events following anthrax vaccination in women. *Pharmacoepidemiol Drug Saf* 17:1060–1067.

0361. Zhao Z, He X, Bi Y, Xia Y, Tao N, Li L, Ma Q [2008]. Induction of CYP4F3 by benzene metabolites in human white blood cells *in vivo*, in human promyelocytic leukemic cell lines, and *ex vivo* in human blood neutrophils. *Drug Metab Dispos* 37(2):282–291 [Electronic publication—ahead of print].

0362. Zhuang ZQ, Groce D, Ahlers HW, Iskander W, Landsittel D, Guffey S, Benson S, Viscusi D, Shaffer RE [2008]. Correlation between respirator fit and respirator fit test panel cells by respirator size. *J Occup Environ Hyg* 5(10):617–628.

II. BOOK CHAPTERS

0363. Ambrose DH [2008]. Advanced measurement methods in mining. In: Duffy VG, ed. Handbook of Digital Human Modeling: Research for Applied Ergonomics and Human Factors Engineering. Boca Raton, FL: CRC Press, pp. 43.1–43.21.

0364. B'Hymer C, Cheever KL [2008]. Biomarker and metabolite analysis by HPLC/MS. In: Cazes J, ed. Encyclopedia of Chromatography, 3rd Edition. Boca Raton, FL: Taylor and Francis, Online-supplement, pp. 1–10.

NORA: Services

0365. Bang KM, Weissman DN, Trout D [2008]. Occupational respiratory diseases. In: Jayakumar G, Jayakumar R, eds. Occupational Health for Health Care Professionals: Caring for the Carers. Kuala Lumpur, Malaysia: Malaysian Medical Association, pp. 54–72.

0366. Current RS, Moore PH, Green JD, Yannaccone J, Whitman GR, Sicher LA [2008]. Crash testing of ambulance chassis cab vehicles. SAE 2007 Transactions Journal of Commercial Vehicles. Warrendale, PA: SAE International, pp. 1–19.

NORA: Services

0367. Hellweg RD, Murphy WJ, Lubman D [2008]. Methods for measuring the real-ear attenuation of hearing protectors. ANSI/ASA S12.6-2008, Melville, NY: Acoustical Society of America, pp. 1–31.

0368. Hsiao H [2008]. Evaluating technology and research knowledge gaps for prevention of falls from scaffolds. In: Bust PD, ed. Contemporary Ergonomics. Boca Raton, FL: CRC Press, pp. 185–190.

NORA: Agriculture, Forestry and Fishing: Construction

0369. Luster MI, Simeonova PP, Germolec DR [2008]. Immunotoxicology. Encyclopedia of Life Sciences (ELS). Chichester, England, UK: John Wiley & Sons, Ltd., pp. 1–5.

0370. Miller AL, Habjan MC, Beers-Green AB, Ahlstrand GG [2008]. Microscopic analysis of airborne particles and fibers. Air Sampling Technologies: Principles and Applications. Cincinnati, OH: American Conference of Governmental Industrial Hygienists, pp. 1–28.

NORA: Mining

0371. Peden M, Oyegbite K, Ozanne Smith J, Hyder AA, Branche C, Rahman FA, Rivara AKMF, Bartolomeos K [2008]. World report on child injury prevention. In: Peden M, Oyegbite K, Ozanne Smith J, Hyder AA, Branche C, Rahman FA, Rivara AKMF, Bartolomeos K, eds. Geneva, Switzerland: World Health Organization, pp. 1–211.

0372. Petsonk EL, Parker JE [2008]. Coal workers' lung diseases and silicosis. In: Fishman AP, Elias JA, Fishman JA, Grippi MA, Senior RM, Pack AI, eds. Fishman's Pulmonary Diseases and Disorders, 4th Edition. New York: McGraw Hill, pp. 967–980.

NORA: Mining

II. Book Chapters

0373. Sahakian N, Kreiss K [2008]. Lung disease in flavoring and food production: learning from butter flavoring. In: Taylor SL, ed. *Advances in Food and Nutrition Research*. San Diego, CA: Academic Press, 55:163–192.

0374. Schulte PA [2008]. Genetics and workplace issues. In: Sharp RR, Marchant GE, Grodsky JA, eds. *Genomics and Environmental Regulation: Science, Ethics, and Law*. Baltimore, MD: Johns Hopkins University Press, pp. 141–168.

0375. Scott DF, Grayson RL [2008]. Selected health issues in mining. In: Phuskele P, ed. *Mining: Social and Economic Perspectives*. Hyderabad, India: Icfai University Press, pp. 11–35.
NORA: Mining

0376. Stout NA, Castillo DN, Amandus HE, Pizatella TJ [2008]. Occupational injuries and work place violence. In: Quah S, Heggenhougen K, eds. *International Encyclopedia of Public Health*. San Diego, CA: Academic Press 4:649–658.

0377. Trinkoff AM, Geiger-Brown JM, Caruso CC, Lipscomb JA, Johantgen M, Nelson AL, Sattler BA, Selby VL [2008]. Personal safety for nurses. In: Hughes RG, ed. *Patient Safety and Quality: An Evidence-Based Handbook for Nurses*. Rockville, MD: Agency for Healthcare Research and Quality, pp. 1–36.

0378. Viet SM, Stenzel M, Rennix C, Armstrong T, Couch J [2008]. Guideline on occupational exposure reconstruction. In: Viet SM, Stenzel M, Rennix C, Armstrong T, Couch J, eds. Fairfax, VA: American Industrial Hygiene Association, pp. 1–66.
NORA: Manufacturing

III. NIOSH NUMBERED PUBLICATIONS

0379. NIOSH [2008]. NIOSH Information Circular (IC) 9499: Guidelines for the development of a new miner training curriculum. By Vaught C, Mallett LG. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–105.

0380. NIOSH [2008]. NIOSH Report of Investigation (RI) 9673: Strengthening existing 20-psi mine ventilation seals with carbon fiber-reinforced polymer reinforcement. By Weiss ES, Harteis SP. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–106.

NORA: Mining

0381. NIOSH [2008]. Tame the flame: flame cutting and welding safety for underground coal miners. 2008 safety tip calendar. Spokane, WA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–108.

NORA: Mining

0382. NIOSH [2008]. Got everything covered? Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–109.

0383. NIOSH [2008]. NIOSH Information Circular (IC) 9501: Miners' views about personal dust monitors. By Peters RH, Vaught C, Hall EE, Volkwein JC. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–110.

0384. NIOSH [2008]. NIOSH Information Circular (IC) 9497: Ergonomics and risk factor awareness training for miners. By Torma-Krajewski J, Steiner LJ, Unger RL, Wiehagen WJ. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–111.

0385. NIOSH [2008]. Safe nanotechnology in the workplace. An introduction for employers, managers, and safety and health professionals. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–112.

NORA: Manufacturing

0386. NIOSH [2008]. Prácticas de seguridad para el uso de la nanotecnología en el lugar de trabajo. Una introducción para empleadores, administradores y profesionales en salud y seguridad. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health

III. NIOSH Numbered Publications

Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–112SP.

NORA: Manufacturing

0387. NIOSH [2008]. NIOSH Alert: Protecting poultry workers from avian influenza (bird flu) (Superseded by NIOSH Publication 2008-128). By Kullman G, Delaney LJ, Decker J, MacMahon K. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–113.

0388. NIOSH [2008]. NIOSH Information Circular (IC) 9502: Guidelines for the prediction and control of methane emissions on longwalls. By Schatzel SJ, Karacan CÖ, Krog RB, Esterhuizen GS, Goodman GVR. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–114.

NORA: Mining

0389. NIOSH [2008]. Protect your employees with an exposure control plan. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–115.

NORA: Healthcare and Social Assistance: Services

0390. NIOSH [2008]. First responders: informational poster on bloodborne pathogen exposures. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–116.

NORA: Healthcare and Social Assistance: Services

0391. NIOSH [2008]. First responders: visual poster on bloodborne pathogen exposures. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–117.

NORA: Healthcare and Social Assistance: Services

0392. NIOSH [2008]. Encourage your workers to report bloodborne pathogen exposures. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–118.

NORA: Healthcare and Social Assistance: Services

0393. NIOSH [2008]. NIOSH hearing loss simulator: instruction and training guide. By Randolph RF, Reinke DC, Unger RL. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–119.

NORA: Mining

0394. NIOSH [2008]. The nanotechnology field research team update. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–120.

NORA: Manufacturing

0395. NIOSH [2008]. NIOSH nanotechnology field research effort. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–121.

NORA: Manufacturing

0396. NIOSH [2008]. NIOSH nanotechnology metal oxide particle exposure assessment study. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–122.

NORA: Manufacturing

0397. NIOSH [2008]. NIOSH Information Circular (IC) 9503: Explosion hazards from methane emissions related to geologic features in coal mines. By Ulery JP. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–123.

0398. NIOSH [2008]. NIOSH Technology News (TN) 530: Frictional ignition of methane-air in the presence of liquid hydrocarbons. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–124.

0399. NIOSH [2008]. NIOSH bibliography of communication and research products 2007. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–125.

0400. NIOSH [2008]. Control of hazardous dust during tuckpointing. By Whalen J, Heitbrink W, Collingwood S. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–126.

NORA: Construction

0401. NIOSH [2008]. Control del polvo peligroso que se genera durante los procesos de reparación de mortero. By Whalen J, Heitbrink W, Collingwood S. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–126SP.

NORA: Construction

III. NIOSH Numbered Publications

0402. NIOSH [2008]. Water spray control of hazardous dust when breaking concrete with a jackhammer. By Echt A, Whalen JJ. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–127.

NORA: Construction

0403. NIOSH [2008]. Rociado de agua para controlar el polvo peligroso que se genera al romper el concreto con un martillo neumático. By Echt A, Whalen JJ. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–127SP.

NORA: Construction

0404. NIOSH [2008]. NIOSH Alert: Protecting poultry workers from avian influenza (bird flu). By Kullman G, Delaney LJ, Decker J, MacMahon K. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–128.

0405. NIOSH [2008]. Proteja de la gripe aviar a los trabajadores de las granjas avícolas. By Kullman G, Delaney LJ, Decker J, MacMahon K. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–128SP.

0406. NIOSH [2008]. NIOSH Report of Investigation (RI) 9674: Performance of a polyurethane core seal tested in a hydrostatic chamber. By Dolinar DR, Sapko MJ, Harteis SP. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–129.

0407. NIOSH [2008]. NIOSH Information Circular (IC) 9504: Keeping knees healthy in restricted work spaces: applications in low-seam mining. By Moore SM, Steiner LJ, Nelson ME, Mayton AG, Fitzgerald GK, Hubert JP. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–130.

NORA: Mining

0408. NIOSH [2008]. Faces of black lung. By Wolfe AL, Peterson EL, Urban CW. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–131.

NORA: Mining

0409. NIOSH [2008]. Guidance on emergency responder personal protective equipment (PPE) for response to CBRN terrorism incidents. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–132.

- 0410.** NIOSH [2008]. NIOSH Information Circular (IC) 9505: Age awareness training for miners. By Porter WL, Mallett LG, Schwerha DJ, Gallagher S, Torma-Krajewski J, Steiner LJ. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–133.
- 0411.** NIOSH [2008]. NIOSH Information Circular (IC) 9506: Guidelines for permitting, construction, and monitoring of retention bulkheads in underground coal mines. By Harteis SP, Dolinar DR, Taylor TM. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–134.
- 0412.** NIOSH [2008]. NIOSH Information Circular (IC) 9507: Reducing low back pain and disability in mining. By Gallagher S. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–135.
- 0413.** NIOSH [2008]. Exposure to stress: occupational hazards in hospitals. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–136.
NORA: Healthcare and Social Assistance
- 0414.** NIOSH [2008]. Exposición al estrés: riesgos ocupacionales en los hospitales. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–136SP.
NORA: Healthcare and Social Assistance
- 0415.** NIOSH [2008]. NIOSH Report of Investigation (RI) 9675: Self-contained self-rescuer long term field evaluation tenth phase results. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–138.
- 0416.** NIOSH [2008]. Application of the ILO international classification of radiographs of pneumoconioses to digital chest radiographic images. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–139.
- 0417.** NIOSH [2008]. NIOSH policy statement: respiratory protection recommendations for airborne exposures to crystalline silica. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–140.
- 0418.** NIOSH [2008]. Estimating the permeation resistance of nonporous barrier polymers to sulfur mustard (HD) and Sarin (GB) chemical warfare agents using liquid simulants. By Rivin D, Shuely WJ, Palya F Jr., Lindsay RS, Rodriguez A, Bartram PW. Pittsburgh, PA:

III. NIOSH Numbered Publications

U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–141.

0419. NIOSH [2008]. Work-related lung disease surveillance report, 2007. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–143a.

0420. NIOSH [2008]. Work-related lung disease surveillance report, 2007. Respiratory conditions by NORA industrial sector. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–143b.

0421. NIOSH [2008]. Fatal injuries among landscape services workers. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–144.

NORA: Services

0422. NIOSH [2008]. Lesiones mortales en trabajadores de servicios de jardinería. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–144SP.

NORA: Services

0423. NIOSH [2008]. NIOSH Technology News (TN) 531: Engineering controls for reducing continuous mining machine noise. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–145.

NORA: Mining

0424. NIOSH [2008]. NIOSH Technology News (TN) 532: Collapsible drill steel enclosure for reducing roof bolting machine drilling noise. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–146.

NORA: Mining

0425. NIOSH [2008]. NIOSH Technology News (TN) 533: Minimizing respirable dust exposure in enclosed cabs by maintaining cab integrity. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–147.

NORA: Mining

0426. NIOSH [2008]. Guidelines for minimum and comprehensive state-based public health activities in occupational safety and health. By Stanbury M, Anderson H, Rogers P, Bonauto D, Davis L, Materna B, Rosenman K. Morgantown, WV: U.S. Department of Health and Human

Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–148.

0427. NIOSH [2008]. Mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–149.

NORA: Mining

0428. NIOSH [2008]. Coal operator mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–150.

NORA: Mining

0429. NIOSH [2008]. Metal operator mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–151.

NORA: Mining

0430. NIOSH [2008]. Nonmetal operator mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–152.

NORA: Mining

0431. NIOSH [2008]. Stone operator mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–153.

NORA: Mining

0432. NIOSH [2008]. Sand & gravel operator mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–154.

NORA: Mining

0433. NIOSH [2008]. Coal contractor mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–155.

NORA: Mining

0434. NIOSH [2008]. Noncoal contractor mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–156.

NORA: Mining

III. NIOSH Numbered Publications

0435. NIOSH [2008]. Underground and surface mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–157.

NORA: Mining

0436. NIOSH [2008]. Mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–158.

NORA: Mining

0437. NIOSH [2008]. Coal operator mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–159.

NORA: Mining

0438. NIOSH [2008]. Metal operator mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–160.

NORA: Mining

0439. NIOSH [2008]. Nonmetal operator mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–161.

NORA: Mining

0440. NIOSH [2008]. Stone operator mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–162.

NORA: Mining

0441. NIOSH [2008]. Sand & gravel operator mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–163.

NORA: Mining

0442. NIOSH [2008]. Coal contractor mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–164.

NORA: Mining

0443. NIOSH [2008]. Noncoal contractor mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–165.

NORA: Mining

0444. NIOSH [2008]. Underground and surface mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–166.

NORA: Mining

0445. NIOSH [2008]. NIOSH fire fighter fatality investigation and prevention program. Leading recommendations for preventing fire fighter fatalities, 1998–2005. By Ridenour M, Noe RS, Proudfoot SL, Jackson JS, Hales TR, Baldwin TN. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–100.

NORA: Services

0446. NIOSH [2008]. NIOSH Report of Investigation (RI) 9676: Explosion effects on mine ventilation stoppings. By Weiss ES, Cashdollar KL, Harteis SP, Shemon GJ, Beiter DA, Urosek JE. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–102.

0447. NIOSH [2008]. NIOSH Report of Investigation (RI) 9677: Key design factors of enclosed cab dust filtration systems. By Organiscak JA, Cecala AB. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–103.

0448. NIOSH [2008]. NIOSH Information Circular (IC) 9508: The application of major hazard risk assessment (MHRA) to eliminate multiple fatality occurrences in the U.S. minerals industry. By Iannacchione A, Varley F, Brady T. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–104.

0449. NIOSH [2008]. Personal protective equipment for health care workers who work with hazardous drugs. By Connor TH, Reed LD, Polovich M, McDiarmid MA, Leone MM, Power LA, Whalen JJ. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–106.

NORA: Healthcare and Social Assistance

0450. NIOSH [2008]. Equipo de protección individual para trabajadores del sector de la salud que manipulan medicamentos peligrosos. By Connor TH, Reed LD, Polovich M, McDiarmid MA, Leone MM, Power LA, Whalen JJ. Cincinnati, OH: U.S. Department of

III. NIOSH Numbered Publications

Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–106SP.

NORA: Healthcare and Social Assistance

0451. NIOSH [2008]. Take pride in your job: fall protection. By Mode N, Hill R, Shannon J. Anchorage, AK: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–108d.

0452. NIOSH [2008]. Take pride in your job: seat belts. By Mode N, Hill R, Shannon J. Anchorage, AK: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–109d.

0453. NIOSH [2008]. NIOSH Information Circular (IC) 9510: A performance evaluation of two overhead power line proximity warning devices. By Homce GT, Cawley JC, Yenchek MR. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–110.

NORA: Mining

0454. NIOSH [2008]. NIOSH Technology News (TN) 534: QuickFit earplug test device. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–112.

NORA: Mining

IV. ABSTRACTS/PROCEEDINGS

0455. Afshari AA, Antonini JM, Castranova V, Boylstein R, Kanwal R, Frazer DG [2008]. Design of an inhalation exposure system to study spot welding fume characteristics and biological effect [Abstract]. *Toxicologist* 102(1):226.

NORA: Manufacturing

0456. Akgul Y, Derk RC, Muroso EP [2008]. The effects of *in vivo* exposure of methoxychlor to immature rats on serum progesterone and estradiol levels and the *ex vivo* formation of progesterone by theca-interstitial cells [Abstract]. *Toxicologist* 102(1):234.

NORA: Agriculture, Forestry and Fishing; Manufacturing

0457. Anderson S, Brown K, Butterworth L, Fedorowicz A, Beezhold D, Munson AE, Meade BJ [2008]. Evaluation of irritancy and the sensitization potential of metal working fluids and metal working fluid components [Abstract]. *Toxicologist* 102(1):270.

NORA: Healthcare and Social Assistance: Services

0458. Antonini JM, Roberts JR, Sriram K, Benkovic SA, O'Callaghan JP, Miller DB [2008]. Extrapulmonary tissue distribution of metals following repeated lung exposures to welding fumes with different elemental profiles [Abstract]. *Toxicologist* 102(1):226.

NORA: Construction: Manufacturing

0459. Antonini JM, Stone S, Chen B, Roberts JR, Schwegler-Berry D, Moseley A, Donlin M, Cumpston J, Afshari A, Frazer DG [2008]. Pulmonary effects and tissue distribution of metals after inhalation of mild steel welding fume [Abstract]. *Am J Respir Crit Care Med* 177:A910.

NORA: Construction: Manufacturing

0460. Attfield MD, Bang KM, Petsonk EL, Mazurek JM [2008]. Pneumoconiosis mortality and morbidity trends in the United States, 1968–2004. In: Proceedings of the XVIIIth World Congress on Safety and Health at Work. Soul, Korea: Korea Occupational Safety and Health Agency, 5 pages.

0461. Azman AS [2008]. Sound restoration hearing protection: genesis of a standard test method. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 10 pages.

NORA: Mining

0462. Bajpayee TS, Iannacchione AT, Schilling SR [2008]. Detecting strata fracturing and roof failures from a borehole-based microseismic system. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 313–318.

NORA: Mining

0463. Barczak TM, Batchler TJ [2008]. Comparison of the transverse load capacities of various block ventilation stoppings under arch loading conditions. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 225–231.

IV. Abstracts/Proceedings

0464. Barczak TM, Esterhuizen GS, Ellenberger JL, Zhang P [2008]. A first step in developing standing roof support design criteria based on ground reaction data for Pittsburgh seam longwall tailgate support. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 349–359.

NORA: Mining

0465. Barczak TM, Tadolini SC [2008]. Pumpable roof supports: an evolution in longwall roof support technology. In: SME Annual Meeting and Exhibit. Preprint 08-034. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 13 pages.

NORA: Mining

0466. Bartels JR, Ambrose DH, Gallagher S [2008]. Analyzing factors influencing struck-by accidents of a moving mining machine by using motion capture and DHM simulations. In: Proceedings of the Digital Human Modeling for Design and Engineering Conference and Exhibition. Technical paper 2008–01–1911, Warrendale, PA: Society of Automotive Engineers, 6 pages.

NORA: Mining

0467. Barton TM, Bhatt SK, Molinda GM, Mark C [2008]. Effects of specimen age on the uniaxial compressive strength and moisture content of weak coal measure rocks. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 332–337.

NORA: Mining

0468. Batchler TJ, Barczak TM [2008]. Impact of deformable materials and convergence on the transverse load capacity of mine ventilation stoppings. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 239–244.

0469. Bauer ER, Spencer ER [2008]. A snapshot of noise and worker exposures in sand & gravel operations. In: SME Annual Meeting and Exhibit. Preprint 08-018. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 9 pages.

NORA: Mining

0470. Bealko SB [2008]. Mining haul truck cab noise: an evaluation of three acoustical environments. In: SME Annual Meeting and Exhibit. Preprint 08-002. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 6 pages.

NORA: Mining

0471. Benkovic SA, O'Callaghan JP, Miller DB [2008]. Corticosterone pretreatment attenuates neurodegeneration and blood-brain barrier disruption following excitotoxic damage from kainic acid [Abstract]. *Toxicologist* 102(1):371.

NORA: Services

0472. Benkovic SA, O'Callaghan JP, Miller DB [2008]. Multiple histological markers reveal subpopulations of microglia respond differentially to excitotoxicity and corticosteroid treatment.

In: Proceedings of the 38th Annual Meeting of the Society for Neuroscience. Washington, DC: Society for Neuroscience, p. 338.10.

NORA: Services

0473. Biagini RE, Smith JP, Sammons DL, Mackenzie BA, Parks CG [2008]. Elevated serum IgE concentrations in systemic lupus erythematosus are related to history of childhood allergy, asthma, and hives [Abstract]. *J Allergy Clin Immunol* 121(2)(Suppl 1):S228.

NORA: Healthcare and Social Assistance

0474. Bobick T, McKenzie T, Cantis D, Edgell D [2008]. NIOSH-designed adjustable roof bracket-safety rail assembly. In: Proceedings of the 18th Annual Construction Safety Conference and Exposition. Hillside, IL: The Construction Safety Council, pp. 150–154.

NORA: Construction

0475. Bruening DA, Crewe AN, Buczek FL [2008]. A simple, anatomically based correction to the conventional ankle joint center. In: Proceedings of the North American Congress on Biomechanics. Newark, DE and Ottawa, ON, Canada: The American Society of Biomechanics and The Canadian Society for Biomechanics, 2 pages.

0476. Bugarski AD, Schnakenberg GH Jr., Cauda E [2008]. Effects of sintered metal diesel particulate filter system on diesel aerosols and nitric oxides in mine air. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 337–345.

NORA: Mining

0477. Camargo HE, Ravetta PA, Burdisso RA, Smith AK [2008]. Application of phased array technology for identification of low frequency noise sources. In: Proceedings of the 13th International Conference on Low-Frequency Noise and Vibration and Its Control. Tokyo, Japan: Institute of Noise Control Engineering of Japan, pp. 88–96.

NORA: Mining

0478. Camargo HE, Smith AK, Kovalchik PG, Matetic RJ [2008]. Noise source identification on a continuous mining machine. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 8 pages.

NORA: Mining

0479. Castranova V [2008]. Comparison of *in vitro*, pharyngeal aspiration, and inhalation results for single-walled carbon nanotubes [Abstract]. *Toxicologist* 102(1):485.

NORA: Manufacturing

0480. Cecala AB, Pollock DE, Zimmer JA, O'Brien AD, Fox WR [2008]. Reducing dust exposure from contaminated work clothing with a stand-alone cleaning system. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 637–643.

NORA: Mining

IV. Abstracts/Proceedings

0481. Chekan GJ, Cecala AB, Pollock DE, Zimmer JA [2008]. Improving the performance of fan-powered dust collectors in stone-cutting applications. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 367–373.

NORA: Mining

0482. Chipinda I, Hettick JM, Simoyi RH, Siegel PD [2008]. Zinc diethyldithiocarbamate allergenicity: potential haptentation mechanisms [Abstract]. *Toxicologist* 102(1):270–271.

NORA: Healthcare and Social Assistance: Services

0483. Colinet JF, Rider JP, Thimons ED [2008]. Controlling respirable dust in underground coal mines in the United States. In: Sobczyk EJ, Kicki J, eds. Proceedings of the 21st World Mining Congress. London, England: Taylor & Francis Group, pp. 231–238.

NORA: Mining

0484. Collins JW, Bell JL, Gronqvist R, Courtney TK, Lombardi DA, Sorock GS, Chang W-R, Wolf L, Chiou S, Evanoff B, Wellman HM, Matz M, Nelson A [2008]. Multidisciplinary research to prevent slip, trip, and fall (STF) incidents among hospital workers. In: Bust BD, ed. Proceedings of the International Conference on Contemporary Ergonomics. London, England: Taylor & Francis, pp. 693–698.

NORA: Healthcare and Social Assistance

0485. Ding M, Zhao J, Bowman L, Leonard S, Lu Y, Kisin E, Murray A, Vallyathan V, Castranova V, Shvedova A [2008]. Induction of AP-1-MAPKs and NF- κ B signal pathways by tungsten carbide-cobalt particles [Abstract]. *Toxicologist* 102(1):212.

NORA: Manufacturing

0486. Dodrill M, Rao MK, Meighan T, Fedan JS [2008]. Lipopolysaccharide (LPS)-induced effects on Na⁺ transport and inflammatory response-gene transcription in the guinea-pig airway epithelium [Abstract]. *FASEB J* 22(3)(1):934.1.

NORA: Manufacturing

0487. Dong RG, Welcome DE, McDowell TW, Warren C, Wu JZ [2008]. A new biodynamic approach to predict the vibration transmissibility of a glove. In: Proceedings of the 2nd American Conference on Human Vibration. Chicago, IL: University of Illinois at Chicago, 1 page.

0488. Dotson G, Maier A, Gadagbui B, Geraci CL [2008]. Development of an improved strategy for the derivation of skin notations [Abstract]. *Toxicologist* 102(1):202.

NORA: Manufacturing

0489. Einem TL, Divi RL, Shockley ME, Keshava C, Weston A, Poirier MC [2008]. Abundant expression of *CYP1A1* is positively, while *CYP1B1* and *NQO1* are negatively, associated with benzo(a)pyrene (BP)-DNA adduct formation in normal human mammary epithelial cells (NHMECs) [Abstract]. *Environ Mol Mutagen* 49(7):559.

0490. Erdely A, Hulderman T, Salmen R, Liston A, Zeidler-Erdely PC, Simeonova P [2008]. Carbon nanotube acute lung exposure induces plasminogen activator inhibitor 1 [Abstract]. *Toxicologist* 102(1):151.

NORA: Manufacturing

0491. Esterhuizen GS, Dolinar DR, Ellenberger JL [2008]. Pillar strength and design methodology for stone mines. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 241–253.

NORA: Mining

0492. Esterhuizen GS, Dolinar DR, Iannacchione AT [2008]. Field observations and numerical studies of horizontal stress effects on roof stability in U.S. limestone mines. Proceedings of the 6th International Symposium on Ground Support in Mining and Civil Engineering Construction. Johannesburg, Republic of South Africa: The South African Institute of Mining and Metallurgy, pp. 103–118.

NORA: Mining

0493. Feng W, Konduru NV, Tyurina YY, Clark K, Stolz DB, Bayir H, Fadeel B, Shvedova AA, Kagan VE [2008]. Involvement of endocytosis in uptake of phosphatidylserine-coated single-walled carbon nanotubes by RAW 264.7 macrophages [Abstract]. *Toxicologist* 102(1):213.

NORA: Manufacturing

0494. Franks RA, Friel GF, Edwards JC, Smith AC [2008]. In-mine evaluation of smart mine fire sensor. In: SME Annual Meeting and Exhibit. Preprint 08-053. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 7 pages.

NORA: Mining

0495. Gillen M [2008]. Top construction problems and the National Occupational Research Agenda (NORA) agenda to address them. In: Hinze J, Bohner S, Lew J, eds. Proceedings of the CIB W99 14th Rinker International Conference. Gainesville, FL: University of Florida, pp. 613–624.

NORA: Construction

0496. Glowacki AF [2008]. Development of a taxonomy for indexing web-based mining safety and health research. In: Saydam S, ed. Proceedings of the 1st International Future Mining Conference and Exhibition. Carlton, Victoria, Australia: Australasian Institute of Mining and Metallurgy, pp. 125–129.

NORA: Mining

0497. Goldcamp EM [2008]. All-terrain vehicle injuries to youth living and working on farms in the U.S., 2001–2006. In: Proceedings of the National Institute for Farm Safety (NIFS) Annual Conference. Urbana, IL: National Institute for Farm Safety, Inc., 15 pages.

NORA: Agriculture, Forestry and Fishing

0498. Goncalves CGO, Lacerda ABM, Albizu EJ, Zocoli AMF, Morata TC, Ribas A [2008]. Avaliacao dos niveis de pressao sonora nos ensaios da banda musical do exercito do Parana. In: Proceedings of the XXII Meeting of the Brazilian Society of Acoustics. Rio de Janeiro, Brazil: Sociedade Brasileira de Acústica, 3 pages.

NORA: Construction: Manufacturing

0499. Goncalves CGO, Lacerda ABM, Albizu EJ, Zocoli AMF, Morata TC, Ribas A [2008]. Evaluation of the sound pressure levels during the rehearsals of the army musical band of the

IV. Abstracts/Proceedings

state of Parana. In: Proceedings of the XXII Meeting of the Brazilian Society of Acoustics. Rio de Janeiro, Brazil: Sociedade Brasileira de Acústica, 3 pages.

NORA: Construction: Manufacturing

0500. Goodman GVR, Karacan CÖ, Schatzel SJ, Krog RB, Taylor CD, Thimons ED [2008]. NIOSH research for monitoring and controlling methane at U.S. underground coal mining operations. In: Sobczyk EJ, Kicki J, eds. Proceedings of the 21st World Mining Congress. London, England: Taylor & Francis Group, pp. 291–299.

NORA: Mining

0501. Grau RH III, Krog RB [2008]. Using mine planning and other techniques to improve ventilation in large-opening mines. In: SME Annual Meeting and Exhibit. Preprint 08-060. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 4 pages.

NORA: Mining

0502. Green BJ, Hettick JM, Schmechel D, Kashon ML, Slaven JE, Blachere FM, Buskirk A, Janotka E, Siegel PD, Beezhold DH [2008]. Identifying fungal isolates using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry [Abstract]. *J Allergy Clin Immunol* 121(2)(Suppl 1):S270.

0503. Green JD, Ammons DE, Isaacs AJ, Moore PH, Whisler RL, White JE [2008]. Creating a safe work environment for emergency medical service workers. In: Proceedings of the American Society of Safety Engineers Professional Development Conference. Des Plaines, IL: American Society of Safety Engineers, 20 pages.

NORA: Services

0504. Görtunca RG [2008]. Possible impact of new safety technology developments on the future of the United States mining industry. In: Saydam S, ed. Proceedings of the 1st International Future Mining Conference and Exhibition. Carlton, Victoria, Australia: Australasian Institute of Mining and Metallurgy, pp. 3–9.

NORA: Mining

0505. Harris ML, Sapko MJ, Cashdollar KL, Verakis HC [2008]. Field evaluation of the coal dust explosibility meter (CDEM). In: SME Annual Meeting and Exhibit. Preprint 08-040. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 5 pages.

NORA: Mining

0506. He X, Ma Q [2008]. Arsenic binds to redox sensor protein Keap1 directly through the thiol groups of critical cysteines in the linker region of Keap1 [Abstract]. *FASEB J* 22(3)(1):1133.6.

0507. Hein MJ, Deddens JA, Schubauer-Berigan MK [2008]. Bias from matching on age at death or censor in nested case-control studies [Abstract]. *Am J Epidemiol* 167(Suppl 11):S112.

0508. Hendricks KJ [2008]. Injuries among youth living on farms in the United States, 2006. In: Proceedings of the National Institute for Farm Safety (NIFS) Annual Conference. Urbana, IL: National Institute for Farm Safety, Inc., 16 pages.

NORA: Agriculture, Forestry and Fishing

0509. Hsiao H, Simeonov P, Pizatella T, Stout N, McDougall V, Weeks J [2008]. Ladder safety innovations research at NIOSH. In: Proceedings of the 18th Annual Construction Safety Conference and Exposition. Hillside, IL: The Construction Safety Council, pp. 35–43.

NORA: Construction

0510. Hustrulid W, Johnson J [2008]. A gas pressure-based drift round blast design methodology. In: Schunnesson H, Nordlund E, eds. Proceedings of the 5th International Conference & Exhibition on Mass Mining. Lulea, Sweden: Lulea University of Technology, pp. 657–669.

NORA: Mining

0511. Iannacchione AT, Tadolini SC [2008]. Coal mine burst prevention controls. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 20–28.

NORA: Mining

0512. Iverson S, Kerkering C, Hustrulid W [2008]. Application of the NIOSH-modified Holmberg-Persson approach to perimeter blast design. In: Proceedings of the 34th Annual Conference on Explosives and Blasting Technique. Cleveland, OH: International Society of Explosives Engineers 2:1–33.

NORA: Mining

0513. Janisko S, Noll JD [2008]. Near real time monitoring of diesel particulate matter in underground mines. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 509–513.

NORA: Mining

0514. Johnson VJ, Fluharty K, Reynolds JS, Luster MI, Yucesoy B [2008]. Local antibody class switching in the nasal mucosa of mice with TDI rhinitis [Abstract]. *Toxicologist* 102(1):270.

0515. Joseph PN, Violanti JM, Donahue R, Andrew M, Burchfiel C, Dorn J [2008]. Subclinical markers of cardiovascular disease in urban police officers and a general population sample [Abstract]. *Am J Epidemiol* 167(Suppl 11):S65.

NORA: Services

0516. Kang JL, Moon C, Lee HS, Lee HW, Park E, Kim HS, Castranova V [2008]. Comparison of the biological activity between ultrafine and fine TiO₂ particles in raw 264.7 cells associated with oxidative stress [Abstract]. *Toxicologist* 102(1):304–305.

NORA: Manufacturing

0517. Karacan CÖ, Balusu R, Ren TX [2008]. Advances in grid-based numerical modeling techniques for improving gas management in coal mines. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 313–320.

NORA: Mining

IV. Abstracts/Proceedings

0518. Karacan CÖ, Goodman GVR [2008]. Artificial neural networks to determine ventilation emissions and optimum degasification strategies for longwall mines. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 321–329.

NORA: Mining

0519. Karacan CÖ, Goodman GVR [2008]. Coalbed discontinuity effects on the production of degasification boreholes and on emissions during longwall mining. In: Proceedings of the SPE Eastern Regional/AAPG Eastern Section Joint Meeting. Richardson, TX: Society of Petroleum Engineers, 13 pages.

NORA: Mining

0520. Karacan CÖ, Schatzel SJ [2008]. Reservoir modeling-based prediction and optimization of ventilation requirements during development mining in underground coal mines. In: SME Annual Meeting and Exhibit. Preprint 08-010. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 5 pages.

0521. Kirkland EB, Nedorost S, Baron ED, Yucesoy B [2008]. Irritant contact dermatitis among health care workers [Abstract]. *J Am Acad Dermatol* 58(2)(Suppl 2):AB54.

NORA: Healthcare and Social Assistance: Services

0522. Kisin E, Murray A, Keane M, Shi X, Schwegler-Berry D, Gorelik O, Arepalli S, Castranova V, Wallace W, Kagan V, Shvedova A [2008]. Single-walled carbon nanotubes: geno- and cyto-toxic effects in lung fibroblast V79 cells [Abstract]. *Toxicologist* 102(1):90.

NORA: Manufacturing

0523. Krajnak K, Johnson C, Waugh S, Miller R [2008]. Vibration exposure induces mechanical hyperalgesia in lean but not fatty Zucker rats [Abstract]. *J Pain* 9(4)(Suppl 2):P6.

NORA: Manufacturing

0524. Krajnak K, Miller GR, Johnson C, Waugh S [2008]. Reduced sensory nerve thresholds may be indicative of nerve injury after repeated exposure to vibration. In: Proceedings of the 2nd American Conference on Human Vibration. Chicago, IL: University of Illinois at Chicago, 2 pages.

NORA: Manufacturing

0525. Krajnak K, Waugh S, Miller GR, Kashon ML [2008]. Sensory nerve responses to acute vibration are frequency-dependent in a rat tail model of hand-arm vibration syndrome.

In: Proceedings of the 2nd American Conference on Human Vibration. Chicago, IL: University of Illinois at Chicago, 2 pages.

NORA: Manufacturing

0526. Lawson CC, Whelan EA, Hibert EN, Spiegelman D, Rich-Edwards JW [2008]. Rotating shift work and menstrual cycle characteristics of nurses [Abstract]. *Am J Epidemiol* 167(Suppl 11):S27.

NORA: Healthcare and Social Assistance

0527. LeBlanc AJ, Hu Y, Muller-Delp J, Chen BT, Frazer D, Castranova V, Nurkiewicz TR [2008]. Particulate matter inhalation impairs coronary microvascular reactivity. In: Proceedings of the 25th Conference of the European Society for Microcirculation. Bologna, Italy: Medimond S.r.l., pp. 13–17.

NORA: Manufacturing

0528. Lentz TJ [2008]. Establishing goals for construction safety and health training and education in support of a national occupational research agenda. In: Hinze J, Bohner S, Lew J, eds. Proceedings of CIB W99 14th Rinker International Conference. Gainesville, FL: University of Florida, pp. 254–260.

NORA: Construction

0529. Listak JM, Beck TW [2008]. Laboratory and field evaluation of dust collector bags for reducing dust exposure of roof bolter operators. In: SME Annual Meeting and Exhibit. Preprint 08-006. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 6 pages.

NORA: Mining

0530. Ma JY, Zhao H, Barger M, Castranova V, Ma JK [2008]. Effects of cerium oxide on rat primary alveolar macrophages [Abstract]. *Toxicologist* 102(1):310.

NORA: Mining: Transportation, Warehousing and Utilities

0531. Ma Q, He X [2008]. Function and signal transduction of Nrf2 from a metal's perspective [Abstract]. *Toxicologist* 102(1):130.

0532. MacDonald LA [2008]. NIOSH work organization measures inventory: developmental status and future directions. In: Proceedings of the Healthy and Safe Work Through Research, Practice and Partnerships Conference. Washington, DC: American Psychological Association, 1 page.

0533. Mainiero RJ, Rowland JH III [2008]. A review of recent accidents involving explosives transport. In: Proceedings of the 34th Annual Conference on Explosives and Blasting Technique. Cleveland, OH: International Society of Explosives Engineers, 12 pages.

NORA: Mining

0534. Mallett L, Orr TJ [2008]. Working in the classroom—a vision of miner training in the 21st century. In: Saydam S, ed. Proceedings of the 1st International Future Mining Conference and Exhibition. Victoria, Australia: Australasian Institute of Mining and Metallurgy, pp. 83–89.

NORA: Mining

0535. Mark C, Gadde M [2008]. Global trends in coal mine horizontal stress measurements. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 319–331.

NORA: Mining

0536. Matetic RJ, Kovalchik PG, Peterson JS, Alcorn LA [2008]. A noise control for a roof bolting machine: collapsible drill steel enclosure. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 7 pages.

NORA: Mining

IV. Abstracts/Proceedings

0537. Mayton AG, Jobs CC, Miller RE [2008]. Comparison of whole-body vibration exposures on older and newer haulage trucks at an aggregate stone quarry operation. In: Proceedings of the ASME Design Engineering Technical Conferences & Computers and Information in Engineering Conference. New York: American Society of Mechanical Engineers, 7 pages.

NORA: Mining

0538. McCanlies EC, Hartley TA, Slaven JE, Burchfiel CM, Andrew ME, Charles LE, Violanti JM [2008]. Physical activity and metabolic syndrome in police officers [Abstract]. *Am J Epidemiol* 167(Suppl 11):S66.

NORA: Services

0539. Mccarthy B, Aldape K, Bondy M, Butler M, Inskip P, Ruder A, Wrensch M, Davis F [2008]. A collaborative study of the epidemiology of oligodendroglial tumors [Abstract]. *Neuro-Oncology* 10(5):779.

NORA: Healthcare and Social Assistance: Manufacturing

0540. McClean KM, Petsonk EL, Cardwell CR, Kee F, Young IS, Wang ML, Elborn JS [2008]. Lung function and the distribution of weight in middle-aged men [Abstract]. *Am J Respir Crit Care Med* 177(9):A832.

0541. McDowell TW, Dong RG, Xu X, Welcome DE, Warren C [2008]. Evaluating impact wrench vibration using the method in proposed revisions to ISO 8662-7. In: Proceedings of the 2nd American Conference on Human Vibration. Chicago, IL: University of Illinois at Chicago, 2 pages.

0542. McHugh E, Warneke J, Caceres C [2008]. A case study examination of two blast rounds at a Nevada gold mine. In: Proceedings of the 34th Annual Conference on Explosives and Blasting Technique. Cleveland, OH: International Society of Explosives Engineers, 16 pages.

NORA: Mining

0543. McKernan JL, Toraason MA, Fernback JE [2008]. Presence of airborne fibers in tungsten refining and manufacturing processes: preliminary characterization [Abstract]. *Occup Environ Med* 65(9)(Suppl):140 Mo-P-22.

NORA: Manufacturing

0544. Mercer RR, Scabilloni JF, Wang L, Battelli LA, Castranova V [2008]. Use of labeled single walled carbon nanotubes to study acute translocation from the lungs [Abstract]. *Toxicologist* 102(1):286.

NORA: Manufacturing

0545. Miller DB, O'Callaghan JP [2008]. Screening the activation state of multiple phosphoproteins reveals the *in vivo* impact of stressors on brain signaling pathways controlling cellular structure [Abstract]. *Toxicologist* 102(1):372.

NORA: Services

0546. Molinda GM, Mark C, Pappas DM, Klemetti TM [2008]. Overview of coal mine ground control issues in the Illinois basin. In: SME Annual Meeting and Exhibit. Preprint 08-017. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 7 pages.

NORA: Mining

0547. Morris JB, Hubbs AF [2008]. Nasal uptake of diacetyl and butyric acid vapors [Abstract]. *Toxicologist* 102(1):224.

NORA: Manufacturing

0548. Murphy MM, Iannacchione AT, Westman EC, Chapman MC [2008]. Analysis of seismic signatures from gas and dust based explosions at the Lake Lynn Experimental Mine. In: SME Annual Meeting and Exhibit. Preprint 08-009. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 7 pages.

NORA: Mining

0549. Murray AR, Kisin E, Fabisiak JP, Roberts JR, Antonini JM, Kommineni C, Reynolds J, Barchowsky A, Castranova V, Kagan V, Shvedova AA [2008]. Combined exposure to carbon nanotubes and bacteria enhances pulmonary inflammation and infectivity [Abstract]. *Toxicologist* 102(1):306.

NORA: Manufacturing

0550. Myers JR [2008]. Prevalence of ROPS-equipped tractors on minority operated farms in the US. In: Proceedings of the National Institute for Farm Safety (NIFS) Annual Conference. Urbana, IL: National Institute for Farm Safety, Inc., 22 pages.

NORA: Agriculture, Forestry and Fishing

0551. Nishi A, Kuroiwa M, Miller DB, O'Callaghan JP, Bateup HS, Greengard P, Snyder GL [2008]. Distinct roles of PDE4 and PDE10A in the regulation of cAMP/PKA signaling in the striatum. In: Proceedings of the 38th Annual Meeting of the Society for Neuroscience. Washington, DC: Society for Neuroscience, p. 727.6.

NORA: Manufacturing: Services

0552. Noll JD, Patts L, Grau R [2008]. The effects of ventilation controls and environmental cabs on diesel particulate matter concentrations in some limestone mines. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 463–468.

NORA: Mining

0553. Nurkiewicz TR, Porter DW, Hubbs AF, Chen BT, Frazer DG, Castranova V [2008]. Ultrafine particulate matter inhalation attenuates microvascular endothelial nitric oxide production [Abstract]. *Toxicologist* 102(1):258.

NORA: Manufacturing

0554. O'Callaghan JP [2008]. Defining "neuroinflammation": lessons from MPTP- and methamphetamine-induced neurotoxicity [Abstract]. *Toxicologist* 102(1):419.

NORA: Manufacturing

0555. Organiscak JA, Cecala AB [2008]. Laboratory investigation of enclosed cab filtration system performance factors. In: SME Annual Meeting and Exhibit. Preprint 08-048. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 5 pages.

NORA: Mining

0556. Ouchi AM, Pakalnis R, Brady TM [2008]. Empirical design of span openings in weak rock based upon support type employed. In: Proceedings of the 42nd U.S. Rock Mechanics

IV. Abstracts/Proceedings

Symposium/2nd U.S.-Canada Rock Mechanics Symposium. ARMA 08–299. Alexandria, VA: American Rock Mechanics Association, 5 pages.

NORA: Mining

0557. Oyler DC, Mark C, Molinda GM [2008]. Correlation of sonic travel time to the uniaxial compressive strength of U.S. coal measure rocks. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 338–346.

NORA: Mining

0558. Pacurari M, Robinson V, Castranova V, Leonard SS, Chen F, Vallyathan V, Barger M [2008]. Does sandblasted metal attenuate or enhance the toxicity of freshly fractured silica [Abstract]? *Toxicologist* 102(1):61.

NORA: Manufacturing

0559. Parker A, Maier A, Dotson G, Geraci CL [2008]. Extrapolating human effect thresholds from animal toxicity data for the derivation of immediately dangerous to life and health values [Abstract]. *Toxicologist* 102(1):202.

0560. Porter DW, Holian A, Sriram K, Wu N, Wolfarth M, Hamilton R, Buford M [2008]. Engineered titanium dioxide nanowire toxicity *in vitro* and *in vivo* [Abstract]. *Toxicologist* 102(1):306.

NORA: Manufacturing

0561. Randolph RF, Kissell FN [2008]. The effect of an insertion lubricant on the noise attenuation of foam earplugs. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 4 pages.

NORA: Mining

0562. Reed WR, Listak JM, Page SJ, Organiscak JA [2008]. Summary of NIOSH research completed on dust control methods for surface and underground drilling. In: SME Annual Meeting and Exhibit. Preprint 08-013. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 9 pages.

0563. Roberts JR, Antonini JM, Porter DW, Castranova V, Mercer RR [2008]. Characterization of pulmonary responses following treatment of rats with fluorescently-labeled quantum dots with different surface functional groups [Abstract]. *Am J Respir Crit Care Med* 177:A49.

NORA: Manufacturing

0564. Roberts JR, Schwegler-Berry D, Leonard SS, Karim A, Tirumala V, Antonini JM, Castranova V [2008]. Pulmonary toxicity associated with nondispersed titanium dioxide nanorods [Abstract]. *Toxicologist* 102(1):308.

NORA: Manufacturing

0565. Ruder AM [2008]. The Upper Midwest Health Study: gliomas and farm crops, animals, and activities [Abstract]. *Occup Environ Med* 65(9)(Suppl):We–O–39.

NORA: Agriculture, Forestry and Fishing

- 0566.** Ruff T [2008]. Feasibility of using intelligent video for machine safety applications. In: Proceedings of the IEEE 43rd IAS Annual Meeting. Piscataway, NJ: Institute of Electrical and Electronics Engineers, 5 pages.
NORA: Mining
- 0567.** Sager TM, Porter D, Castranova V [2008]. Pulmonary response to intratracheal instillation of fine or ultrafine carbon black or titanium dioxide: role of surface area [Abstract]. *Toxicologist* 102(1):305–306.
NORA: Manufacturing
- 0568.** Sammarco JJ, Reyes M, Bartels J, Gallagher S [2008]. Evaluation of peripheral visual performance when using incandescent and LED miner cap lamps. In: Proceedings of the IEEE 43rd IAS Annual Meeting. Piscataway, NJ: Institute of Electrical and Electronics Engineers, 8 pages.
NORA: Mining
- 0569.** Sammarco JJ, Reyes MA, Freyssinier JP, Bullough JD, Zhang X [2008]. Technological aspects of solid-state and incandescent sources for miner cap lamps. In: Proceedings of the IEEE 43rd IAS Annual Meeting. Piscataway, NJ: Institute of Electrical and Electronics Engineers, 7 pages.
NORA: Mining
- 0570.** Sargent LM, Lowry DT, Baldwin KT, Ruppert MJ, Ruppert SM, Kashon ML, Senft JR, Vallyathan V, Johnson RC, Tyson FL, Reynolds RH [2008]. Genetic alterations in mouse lung adenocarcinoma: comparable changes in human long adenocarcinoma. In: Proceedings of the American Association for Cancer Research (AACR) 99th Annual Meeting. Abstract 2963. Philadelphia, PA: American Association for Cancer Research 49:701.
NORA: Manufacturing
- 0571.** Schatzel SJ, Karacan CÖ, Goodman GVR, Mainiero R, Garcia F [2008]. The borehole monitoring experiment: field measurements of reservoir conditions and responses in longwall panel overburden during active mining. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 93–101.
NORA: Mining
- 0572.** Sellamuthu R, Joseph P [2008]. Role of ferrous sulfate in hexavalent chromium-induced cytotoxicity and apoptosis in human dermal fibroblasts [Abstract]. *Toxicologist* 102(1):316–317.
- 0573.** Sercombe JK, Green BJ, Rimmer J, Burton PK, Katelaris CH, Tovey ER [2008]. Atopic human IgE binding to *Platanus sp.* aeroallergens identified by the halogen immunoassay [Abstract]. *J Allergy Clin Immunol* 121(2)(Suppl 1):S20.
- 0574.** Settle T, Moritz J, Leonard S, Falkenstein E, Klandorf H [2008]. The effects of a phytogetic feed additive versus an antibiotic feed additive on oxidative stress in broiler chicks and electron spin resonance [Abstract]. *Poul Sci* 87(Suppl 1):116.

IV. Abstracts/Proceedings

0575. Shvedova AA, Kisin E, Murray AR, Johnson V, Gorelik O, Arepalli S, Hubbs AF, Mercer RR, Stone S, Frazer D, Chen T, Deye G, Maynard A, Baron P, Mason R, Kadiiska M, Stadler K, Mouithys-Mickalad A, Castranova V, Kagan VE [2008]. Inhalation of carbon nanotubes induces oxidative stress and cytokine response causing respiratory impairment and pulmonary fibrosis in mice [Abstract]. *Toxicologist* 102(1):307.

NORA: Manufacturing

0576. Smith AC, Yuan L [2008]. Simulation of spontaneous heating in longwall gob areas with a bleederless ventilation system. In: SME Annual Meeting and Exhibit. Preprint 08-043. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 6 pages.

NORA: Mining

0577. Smith AK, Peterson JS, Kovalchik PG [2008]. Continuous mining machine conveyor system sound power levels. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 8 pages.

NORA: Mining

0578. Spencer ER, Reeves E [2008]. An assessment of engineering noise controls at a talc processing plant. In: SME Annual Meeting and Exhibit. Preprint 08-033. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 8 pages.

NORA: Mining

0579. Sullivan PA, Cooper G [2008]. Rheumatoid arthritis in an asbestos-exposed occupational cohort [Abstract]. *Am J Epidemiol* 167(Suppl 11):S117.

0580. Swanson P, Stewart C, Koontz W [2008]. Monitoring coal mine seismicity with an automated wireless digital strong-motion network. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 79–86.

NORA: Mining

0581. Tackett JA, Lawson CC, Whelan EA, Hibert EN, Grajewski B, Spiegelman D, Rich-Edwards JW [2008]. Occupational risk factors and low birthweight in the Nurses' Health Study II cohort [Abstract]. *Am J Epidemiol* 167(Suppl 11):S22.

NORA: Healthcare and Social Assistance

0582. Tadolini SC, Barczak TM [2008]. Rock mass behavior and support response in a longwall panel pre-driven recovery room. In: Proceedings of the 6th International Symposium on Ground Support in Mining and Civil Engineering Construction. Johannesburg, Republic of South Africa: The South African Institute of Mining and Metallurgy, pp. 167–182.

NORA: Mining

0583. Tarantino LM, Hubbs AF, Hoover MD, Delano DL, Wiltshire T, Gordon T [2008]. Beryllium-induced sensitization and granulomatous lung disease in murine models [Abstract]. *Toxicologist* 102(1):223.

- 0584.** Taylor CD, Chilton JE, Martikainen AL [2008]. Use of infrared sensors for monitoring methane in underground mines. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 307–312.
NORA: Mining
- 0585.** Trevits MA, McCartney C [2008]. Use of Rocsil[®] foam to remotely construct mine seals. In: SME Annual Meeting and Exhibit. Preprint 08-101. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 6 pages.
NORA: Mining
- 0586.** Trevits MA, Smith AC, Urosek JE, Valoski MP [2008]. Evaluation of deep-seated crib block fire tests. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 583–589.
NORA: Mining
- 0587.** Trevits MA, Yuan L, Smith AC, Thimons ED, Goodman GVR [2008]. The status of mine fire research in the United States. In: Sobczyk EJ, Kicki J, eds. Proceedings of the 21st World Mining Congress. London, England: Taylor & Francis Group, pp. 303–308.
NORA: Mining
- 0588.** Varley F, Whyatt J [2008]. Work practices to manage bump prone ground. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 29–36.
NORA: Mining
- 0589.** Volkwein JC [2008]. Analysis of particulate contamination in personal dust monitor sampling. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 353–358.
NORA: Mining
- 0590.** Wala AM, Vytla S, Huang G, Taylor CD [2008]. Study on the effects of scrubber operation on the face ventilation. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 281–286.
NORA: Mining
- 0591.** Wang L, Castranova V, Rojanasakul Y, Lu Y, Scabilloni JF, Mercer RR [2008]. Direct fibrogenic effects of dispersed single walled carbon nanotubes on human lung fibroblasts [Abstract]. *Toxicologist* 102(1):307.
NORA: Manufacturing
- 0592.** Ward R, Shi X, Castranova V, Qian Y [2008]. Arsenic induced an increase in endothelial cell permeability: involvement of cytoskeleton signaling [Abstract]. *Toxicologist* 102(1):334.
NORA: Manufacturing
- 0593.** Westman EC, Luxbacher KD, Swanson PL [2008]. Local earthquake tomography for imaging mining-induced changes within the overburden above a longwall mine. In: Proceedings

IV. Abstracts/Proceedings

of the 42nd U.S. Rock Mechanics Symposium/2nd U.S.-Canada Rock Mechanics Symposium. ARMA 08–299. Alexandria, VA: American Rock Mechanics Association, 7 pages.

NORA: Mining

0594. Whelan EA, Silver SR, Deddens JA, Steenland K, Nilsen N, Waters MA, Prince M, Ruder A, Yong LC, Hein MJ, Ward EM [2008]. Occupational exposure to polychlorinated biphenyls and risk of breast cancer [Abstract]. *Occup Environ Med* 65(9)(Suppl):Mo-P-6.

0595. Whyatt J [2008]. Dynamic failure in deep coal: recent trends and a path forward. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. *Proceedings of the 27th International Conference on Ground Control in Mining*.

Morgantown, WV: West Virginia University, pp. 37–45.

NORA: Mining

0596. Whyatt J, Varley F [2008]. Catastrophic failures of underground evaporite mines.

In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. *Proceedings of the 27th International Conference on Ground Control in Mining*.

Morgantown, WV: West Virginia University, pp. 113–122.

NORA: Mining

0597. Wimer BM, Welcome DE, Warren C, McDowell TW, Dong RG [2008]. A preliminary investigation on the grip force applied on a cylindrical handle. In: *Proceedings of the ASME Summer Bioengineering Conference*. New York: American Society of Mechanical Engineers, 2 pages.

0598. Wu JZ, An K-N, Cutlip RG [2008]. A practical model of the muscle/tendon moment arms in a thumb. In: *Proceedings of the North American Congress on Biomechanics*. Newark, DE and Ottawa, ON, Canada: The American Society of Biomechanics and The Canadian Society for Biomechanics, 2 pages.

NORA: Construction

0599. Wu JZ, Chiou SS, Pan CS [2008]. Analysis of the effects of stilts walking on joint moments in low extremities. In: *Proceedings of the North American Congress on Biomechanics*. Newark, DE and Ottawa, ON, Canada: The American Society of Biomechanics and The Canadian Society for Biomechanics, 2 pages.

NORA: Construction

0600. Wu JZ, Chiou SS, Pan CS [2008]. Effects of stilts walking on musculoskeletal loading in low extremities. In: *Proceedings of the North American Congress on Biomechanics*. Newark, DE and Ottawa, ON, Canada: The American Society of Biomechanics and The Canadian Society for Biomechanics, 2 pages.

NORA: Construction

0601. Xu XS, Welcome DE, McDowell TW, Warren C, Dong RG [2008]. Vibration transmitted from an impact wrench to the human wrist and elbow. In: *Proceedings of the 2nd American Conference on Human Vibration*. Chicago, IL: University of Illinois at Chicago, 2 pages.

0602. Yantek DS, Camargo HE, Matetic RJ [2008]. Application of a microphone phased array to identify noise sources on a horizontal vibrating screen. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 15 pages.

NORA: Mining

0603. Young S, Cox-Ganser JM, Wolfarth M, Antonini JM, Castranova V, Park J [2008]. Use of a mouse model to evaluate pulmonary inflammation caused by floor dust from a water-damaged building [Abstract]. *Toxicologist* 102(1):223.

NORA: Manufacturing

0604. Yuan BZ, Chapman J, Reynolds S [2008]. Culmination of MG132-induced apoptosis in human lung cancer NCI-H1703 cells depends on a positive feedback of caspase activation and Mcl-1 cleavage. In: Proceedings of the American Association for Cancer Research (AACR) 99th Annual Meeting. Abstract 3352. Philadelphia, PA: American Association for Cancer Research 49:796.

0605. Yuan L, Smith AC [2008]. Effects of ventilation and gob characteristics on spontaneous heating in longwall gob areas. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 141–147.

NORA: Mining

0606. Yucesoy B, Johnson VJ, Fluharty K, Kashon ML, Slaven J, Kissling G, Germolec D, Vallyathan V, Luster MI [2008]. Genetic risk factors in progressive massive fibrosis in coal miners [Abstract]. *Toxicologist* 102(1):83.

0607. Zeidler-Erdely PC, Stone S, Donlin M, Moseley A, Cumpston J, Chen BT, Frazer DG, Young S, Antonini JM [2008]. Inhalation of stainless steel welding fume results in dissimilar inflammatory responses in the lungs of A/J and C57BL/6J mice [Abstract]. *Toxicologist* 102(1):222.

NORA: Construction: Manufacturing

0608. Zhao J, Bowman L, Zhang X, Ding M [2008]. Titanium dioxide nanoparticles induce JB6 cell apoptosis through activation of the caspase-8/Bid pathway [Abstract]. *Toxicologist* 102(1):72.

NORA: Manufacturing

0609. Zhao Z, Bi Y, Xia Y, Tao N, He X, Ma Q [2008]. Elevated expression of CYP4F3 associated with occupational benzene-induced hepatotoxicity and induction of CYP4F3 by benzene metabolites in HL60 cells [Abstract]. *FASEB J* 22(3)(1):921.4.

0610. Zhao Z, Mao Z, Bi Y, Xia Y, Tao N, Li L, He X, Ma Q [2008]. Induction of CYP4F3 in white blood cells from benzene-poisoning patients and human HL60 cells. In: Kaminsky LS, ed. Proceedings of the 17th International Symposium on Microsomes and Drug Oxidations. Bologna, Italy: Medimond S.r.l., pp. 103–107.

V. CONTROL TECHNOLOGY REPORTS

0611. NIOSH [2008]. In-depth survey report: styrene and noise exposures during fiber reinforced plastic boat manufacturing at Grady-White Boats, Inc., Greenville, North Carolina. By Hammond D, Blade LM, Garcia A, Feng HA, Morata TC, Kardous CA. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-306-12b.

NORA: Manufacturing

0612. NIOSH [2008]. Walk-through survey report: styrene exposures during fiber reinforced wind blade manufacturing at LM Glasfiber, Grand Forks, North Dakota. By Hammond D, Blade LM. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-306-19a.

NORA: Manufacturing

0613. NIOSH [2008]. In-depth survey report: evaluation of engineering controls for the mixing of flavoring chemicals at Gold Coast Ingredients, Inc., Commerce, California. By Dunn KH, Echt A, Garcia A. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-322-11a.

0614. NIOSH [2008]. In-depth survey report: evaluation of engineering controls for the production of liquid and powder flavoring chemicals at Kerry Ingredients and Flavours, Inc., formerly Mastertaste, Inc., Commerce, California. By Dunn KH, Echt A, Couch J, Myers DV. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-322-12a.

NORA: Manufacturing

0615. NIOSH [2008]. Control technology and exposure assessment for occupational exposure to beryllium: beryllium facility #1-copper/beryllium foundry. By Almaguer D, Burroughs E, Marlow D, Lo L-M. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-326-11a.

NORA: Manufacturing

0616. NIOSH [2008]. Control technology and exposure assessment for occupational exposure to beryllium: beryllium facility #2-copper/beryllium machine shop. By Almaguer D, Burroughs E, Marlow D, Lo L-M. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-326-14a.

NORA: Manufacturing

V. Control Technology Reports

0617. NIOSH [2008]. Control technology and exposure assessment for electronic recycling operations, UNICOR Marianna Federal Correctional Institution, Marianna, Florida. By Almaguer D, Burroughs GE, Echt A. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-326-15a.

VI. FATALITY ASSESSMENT AND CONTROL EVALUATION REPORTS

0618. NIOSH [2008]. Hispanic construction worker dies while operating ride-on roller/compactor—South Carolina. By Menéndez CK. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. 2007–06.

NORA: Construction

VII. FIRE FIGHTER FATALITY INVESTIGATION AND PREVENTION REPORTS

0619. NIOSH [2008]. Floor collapse at commercial structure fire claims the lives of one career lieutenant and one career fire fighter—New York. By McFall M, Bowyer M. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2006–27.

NORA: Services

0620. NIOSH [2008]. Career fire fighter dies when trapped by collapsed canopy during a two alarm attached garage fire—Pennsylvania. By Kovacevic L. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–08.

NORA: Services

0621. NIOSH [2008]. Career probationary fire fighter dies while participating in a live-fire training evolution at an acquired structure—Maryland. By Tarley J. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–09.

NORA: Services

0622. NIOSH [2008]. Career fire fighter dies in wind driven residential structure fire—Virginia. By Bowyer M, Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–12.

NORA: Services

0623. NIOSH [2008]. Captain suffers sudden cardiac death during physical fitness evaluation—Alabama. By Baldwin TN. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–15.

NORA: Services: Public Safety

0624. NIOSH [2008]. Career fire fighter dies and captain is injured during a civilian rescue attempt at a residential structure fire—Georgia. By Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–16.

NORA: Services

VII. Fire Fighter Fatality Investigation and Prevention Reports

0625. NIOSH [2008]. Engineer suffers sudden cardiac death after responding to three emergency calls and performing physical fitness training—Arizona. By Baldwin TN. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–20.

NORA: Services: Public Safety

0626. NIOSH [2008]. After working three consecutive 24-hour shifts and fighting an extensive structure fire, a 47-year old career LT suffers sudden cardiac death during physical fitness training—California. By Hales T. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–22.

NORA: Services: Public Safety

0627. NIOSH [2008]. A volunteer mutual aid captain and fire fighter die in a remodeled residential structure fire—Texas. By Bowyer M, Berardinelli S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–29.

NORA: Services

0628. NIOSH [2008]. Four career fire fighters injured while providing interior exposure protection at a row house fire—District of Columbia. By Braddee R. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–35.

NORA: Services

0629. NIOSH [2008]. Fire fighter suffers sudden cardiac death after responding to two calls—Kansas. By Baldwin TN. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2007–38.

NORA: Services: Public Safety

0630. NIOSH [2008]. Fire fighter trainee suffers heart attack during simulated fire suppression exercise—North Carolina. By Baldwin TN. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–02.

NORA: Services: Public Safety

0631. NIOSH [2008]. Fire fighter trainee suffers sudden cardiac death during strenuous training drill—Georgia. By Baldwin TN. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–04.

NORA: Services: Public Safety

VII. Fire Fighter Fatality Investigation and Prevention Reports

0632. NIOSH [2008]. Volunteer fire fighter and trapped resident die and a volunteer lieutenant is injured following a duplex fire—Pennsylvania. By Berardinelli S, Wertman SC, Moore P. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–06.

NORA: Services

0633. NIOSH [2008]. Volunteer fire fighter dies in a tanker crash—Louisiana. By Berardinelli S, Wertman SC. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–10.

NORA: Services

0634. NIOSH [2008]. Fire fighter-emergency medical technician suffers sudden cardiac death during overhaul—New York. By Baldwin TN, Dubuc S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–13.

NORA: Services: Public Safety

0635. NIOSH [2008]. Engineer suffers fatal heart attack at scene of residential fire—Michigan. By Baldwin TN. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–15.

NORA: Services: Public Safety

0636. NIOSH [2008]. Captain suffers a fatal heart attack while participating in fire department physical fitness training program—California. By Hales T. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–16.

NORA: Services: Public Safety

0637. NIOSH [2008]. Volunteer assistant chief killed when struck by tractor-trailer while operating at a motor vehicle crash—North Carolina. By Wertman SC, Bowyer M. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–17.

NORA: Services

0638. NIOSH [2008]. Volunteer fire fighter dies while performing exterior fire suppression at a large machine shed fire—Illinois. By Smith DL. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–20.

NORA: Services: Public Safety

VII. Fire Fighter Fatality Investigation and Prevention Reports

0639. NIOSH [2008]. Volunteer fire chief dies from injuries received when privately owned vehicle crashes into bay door pinning him against fire tanker—Wisconsin. By Wertman SC. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2008–27.

NORA: Services

VIII. HEALTH HAZARD EVALUATION REPORTS

0640. NIOSH [2008]. Health hazard evaluation report: evaluation of radiation exposure to TSA baggage screeners, Transportation Security Administration, Washington, DC. By Achutan C, Mueller C. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2003–0206–3067.

0641. NIOSH [2008]. Health hazard evaluation report: assessment of physical hazards at an automobile parts manufacturing facility, Tower Automotive, Bluffton, OH. By Achutan C, Driscoll R, Habes D, Tubbs RL. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2003–0268–3065.

0642. NIOSH [2008]. Health hazard evaluation report: evaluation of neurological dysfunction among workers exposed to trichloroethylene, Entek International, Lebanon, OR. By Baumann A, Page E, Mueller C, Burr G, Hitchcock E. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2004–0372–3054.

0643. NIOSH [2008]. Health hazard evaluation report: Gro-West, Utica, NY. By Burton NC. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2004–0387–3071.

0644. NIOSH [2008]. Health hazard evaluation report: Headlee Roofing, Mesa, AZ. By Hall RM, Eisenberg J, Dowell C, McCleery R, Mueller C. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2005–0030–2968.

0645. NIOSH [2008]. Health hazard evaluation report: C & C Roofing, Phoenix, AZ. By Achutan C, Eisenberg J, Sollberger R, Mueller C. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2005–0031–3055.

0646. NIOSH [2008]. Health hazard evaluation report: Petersen-Dean Roofing Systems, Phoenix, AZ. By Hall RM, Eisenberg J, Tubbs R, Sollberger R, Mueller C. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2005–0032–2985.

0647. NIOSH [2008]. Health hazard evaluation report: evaluation of contact dermatitis among machinists at an automotive parts manufacturer, Dana Corporation, Bristol, VA. By Tapp L, Ewers L, Durgam S. Cincinnati, OH: U.S. Department of Health and Human Services, Public

VIII. Health Hazard Evaluation Reports

Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2006–0155–3072.

0648. NIOSH [2008]. Health hazard evaluation report: evaluation of worker exposures to noise, metalworking fluids, welding fumes, and acids during metal conduit manufacturing, Republic Conduit, Louisville, KY. By Rodriguez M, West CA, Brueck SE. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2006–0332–3058.

0649. NIOSH [2008]. Health hazard evaluation report: evaluation of exposures to carbon monoxide and surface metals in an Ohio Department of Transportation District Garage, Ohio Department of Transportation, District 8, Main Garage, Wilmington, OH. By Brueck SE, Chen L. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2006–0336–3059.

0650. NIOSH [2008]. Health hazard evaluation report: ergonomic evaluation of workers at a cabinet mill and assembly plant, Yorktowne Cabinets, Mifflinburg and Red Lion, PA. By Ramsey J, Dang B, Habes DJ. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007–0038–3057.

0651. NIOSH [2008]. Health hazard evaluation report: evaluation of employee exposures in a bus maintenance shop, Huntington Coach Corporation, Huntington Station, NY. By Tapp L, Sussell A. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007–0055–3073.

0652. NIOSH [2008]. Health hazard evaluation report: nonionizing radiation exposure to technicians at a satellite communications facility, U.S. Department of Commerce, Wallops Command and Data Acquisition Station, Wallops, VA. By Eisenberg J, Sylvain D, Durgam S. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007–0095–3063.

0653. NIOSH [2008]. Health hazard evaluation report: ergonomic evaluation of frank hangers at a turkey processing plant, Foster Farms, Livingston, CA. By Ramsey J, Gibbins J. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007–0098–3061.

0654. NIOSH [2008]. Health hazard evaluation report: ergonomic evaluation of workers at a piston and cylinder liner manufacturing plant, Federal-Mogul, Lake City, MN. By Ramsey J, Eisenberg J. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007–0124–3060.

0655. NIOSH [2008]. Health hazard evaluation report: evaluation of exposures at a pottery shop, FUNKe Fired Arts (formerly known as Annie's Mud Pie Shop), Cincinnati, OH. By Chen L, Ramsey J, Brueck S. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007-0127-3068.

0656. NIOSH [2008]. Health hazard evaluation report: investigation of employee symptoms at an indoor waterpark, Great Wolf Lodge, Mason, OH. By Chen L, Dang B, Mueller C, Dunn KH, Almaguer D, Ernst JL, Otto CS III. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007-0163-3062.

0657. NIOSH [2008]. Health hazard evaluation report: ergonomic evaluation of loaders and hashers at a postal processing and distribution center, United States Postal Service, Processing and Distribution Center, Seattle, WA. By Ramsey J, Lu M-L. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007-0170-3070.

0658. NIOSH [2008]. Health hazard evaluation report: evaluation of Histoplasmosis concerns at a United States Post Office, Apple Valley, CA. By Chen L, Adebayo A. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007-0216-3056.

0659. NIOSH [2008]. Health hazard evaluation report: evaluation of potential noise hazards to mechanics and 911 dispatchers at a fire department, Anchorage, AK. By Achutan C, Kardous CA. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007-0235-3064.

0660. NIOSH [2008]. Health hazard evaluation report: report on respiratory and dermal conditions among machine shop workers, Superior Industries International, Inc., Pittsburg, KS. By Cummings KJ, Boylstein RJ, Cox-Ganser J. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH HETA Report No. 2007-0263-3069.

IX. AUTHOR INDEX

Author	Citation Number(s)
Abraham J	0111
Achutan C	0640 0641 0645 0659
Adams J	0055
Adams L	0001 0071
Adebayo A	0658
Adhikari A	0049
Adjemian J	0164
Afshari A	0455 0459
Agrawal A	0001 0001 0071
Ahlers HW	0362
Ahlstrand GG	0370
Ahmadi G	0337
Ahn Y-S	0002
Akgul Y	0003 0456
Akpinar-Elci M	0004
Akylbekova EL	0351
Alarcon W	0321
Alavanja MCR	0110 0126 0128
Albers J	0276
Albizu EJ	0498 0499
Alcorn LA	0536
Aldape K	0539
Alexander BH	0300
Alexeeff G	0348
Allen DE	0043
Allshouse J	0196
Almaguer D	0615 0616 0617 0656
Alterman T	0005 0006
Alway SE	0271
Amandus HE	0376
Ambrose DH	0197 0363 0466
Amendola A	0302
Ammons D	0302 0503
An K-N	0349 0598
Anderson H	0348 0426
Anderson JL	0007
Anderson S	0008 0009 0299 0457
Andred ME	0305
Andrew M	0254 0515
Andrew ME	0010 0060 0061 0169 0303 0304 0307 0330 0351 0538
Andrews RN	0126
Antich P	0214
Antonini J	0153 0296 0353 0354 0359 0455 0458 0459 0549 0563 0564 0603 0607
Antão VC	0011 0253
Apopa PL	0012
Apostoaiei AL	0156
Arepalli S	0297 0522 0575

IX. Author Index

Author	Citation Number(s)
Armstrong T	0378
Arumugam U	0280
Ashley DL	0207
Ashley K	0001 0013 0014 0015 0071 0107
Ashmore P	0333
Attfield MD	0016 0022 0198 0460
Auvinen A	0333
Axelrad DA	0348
Ayres JG	0017
Azad N	0018 0019 0139 0158 0336
Azman AS	0461
B'Hymer C	0364
Baan R	0020
Baeza-Squiban A	0017
Bahnfleth WP	0194
Bailer AJ	0346
Baird DD	0313
Bajpayee TS	0462
Baker BA	0021 0271
Balakrishnan K	0109
Baldwin KT	0279 0570
Baldwin TN	0445 0623 0625 0629 0630 0631 0634 0635
Balusu R	0517
Bang KM	0022 0023 0082 0083 0084 0085 0086 0365 0460
Barbero AM	0103
Barchowsky A	0296 0549
Barczak TM	0024 0463 0464 0465 0468 0582
Barger M	0030 0530 0558
Barnett JB	0175
Baron ED	0521
Baron P	0025 0026 0027 0297 0337 0575
Baron S	0067 0068 0314
Barquinero JF	0301
Barr RG	0028
Barrero M	0182
Barrett R	0051 0344 0345
Bartels J	0466 0568
Bartels S	0038
Barter ZE	0029
Bartolomeos K	0371
Barton TM	0467
Basner RC	0028
Batchler TJ	0463 0468
Bateup HS	0231 0551
Battelli LA	0030 0134 0359 0544
Bauchinger M	0301
Bauer ER	0031 0223 0469
Baumann A	0642
Bayir H	0493
Baylis C	0225 0319
Bealko SB	0032 0159 0470
Beard JK	0027
Beck TW	0033 0180 0529

Author	Citation Number(s)
Beckman J	0051
Beer DG	0112
Beers-Green AB	0370
Beezhold D	0034 0124 0125 0285 0299 0457 0502
Beezhold K	0062
Beiter DA	0446
Belay E	0164
Bell JL	0035 0484
Bello D	0036
Beltrami EM	0056 0057
Benbrahim-Tallaa L	0020
Benkovic SA	0214 0458 0471 0472
Bennett JS	0025
Bennett LM	0301
Benson S	0092 0362
Berardinelli S	0627 0632 0633
Bernard B	0343
Beskid O	0301
Bevan JE	0179
Bevilacqua MC	0037
Bhatt SK	0467
Bhattacharya A	0038 0064
Bhatti P	0300 0301 0352
Bi Y	0361 0609 0610
Biagini RE	0013 0014 0039 0360 0473
Bibb JA	0214
Biddle EA	0044
Bienek DR	0039
Birch ME	0232
Birnbaum L	0348
Blachere FM	0034 0124 0125 0285 0502
Blade LM	0611 0612
Blakey D	0301
Blando JD	0250
Bledsoe TA	0105
Blevins LZ	0165
Boal WL	0040
Bobick T	0474
Boekelheide K	0055
Boeniger M	0041
Bois F	0348
Bonauto D	0426
Bondy M	0539
Booth-Butterfield S	0042 0257
Booth-Jones A	0041
Borm P	0017
Bouvard V	0020
Bowman L	0485 0608
Bowyer M	0619 0622 0627 0637
Boylstein R	0455 0660
Brackett EM	0043
Braddee R	0628
Brady T	0448 0556

IX. Author Index

Author	Citation Number(s)
Branche C	0371
Brandt MT	0044
Breen V	0339
Breitenstein MJ	0286
Brightwell WS	0161
Brisson MJ	0001 0071
Brnich MJ Jr.	0160
Brown CM	0266
Brown K	0045 0457
Brown MJ	0174
Browne RW	0060 0061
Brueck S	0164 0648 0649 0655
Bruening DA	0046 0475
Brundage KM	0175
Brundage RA	0175
Brunette CM	0059
Buckley JP	0047
Buczek FL	0046 0475
Budowle B	0048
Buford M	0560
Bugarski AD	0476
Buist AS	0339
Bullough JD	0569
Burchfiel C	0010 0060 0061 0303 0304 0305 0330 0515 0538
Burdisso RA	0477
Burge H	0206 0208
Burgess JL	0358
Burke TA	0270
Burnett CA	0251
Burr G	0642
Burrell AK	0001
Burroughs E	0015 0615 0616 0617
Burton NC	0049 0643
Burton PK	0573
Buskirk A	0124 0125 0502
Buss B	0164
Butler M	0054 0207 0539
Butterworth L	0154 0299 0457
Byrne D	0050 0244
Caceres C	0203 0542
Callahan D	0266
Calvert GM	0051 0106 0183 0320 0321 0344 0345
Camargo HE	0477 0478 0602
Cantis D	0302 0474
Cardis E	0333
Cardwell CR	0540
Caruso CC	0052 0377
Cashdollar KL	0120 0446 0505
Cassee F	0017
Castellan RM	0105
Castillo D	0067 0068 0184 0185 0376
Castranova V	0017 0026 0062 0096 0111 0112 0134 0140 0148 0210 0233 0239 0240 0247 0254 0272 0280 0289 0292 0296 0297 0298 0335 0455

Author	Citation Number(s)
Castranova V (cont.)	0479 0485 0516 0522 0527 0530 0544 0549 0553 0558 0563 0564 0567 0575 0591 0592 0603
Cauda E	0476
Cawley JC	0053 0453
Cecala AB	0447 0480 0481 0555
Chakraborty R	0048
Chang MH	0054
Chang W-R	0035 0484
Chanock SJ	0054
Chanvorachote P	0335
Chapin RE	0055
Chapman J	0355 0604
Chapman L	0056 0057 0283
Chapman LJ	0058 0059
Chapman MC	0548
Charles LE	0010 0060 0061 0330 0538
Charlton DG	0039
Charney DS	0314
Cheever KL	0364
Chekan GJ	0481
Chen B	0153 0190 0191 0459
Chen BT	0026 0233 0297 0527 0553 0607
Chen F	0062 0336 0558
Chen GF	0319
Chen GX	0063
Chen L	0649 0655 0656 0658
Chen MG	0122
Chen T	0575
Chen W	0092
Chen X	0005
Cheng Y-S	0337
Chester D	0067 0068
Chew MH	0327
Chiarelli A	0280
Chilton JE	0584
Chiou S	0035 0064 0484 0599 0600
Chipera SJ	0311
Chipinda I	0065 0066 0482
Chirila M	0239
Cho A	0017
Cho S-W	0167
Choi B-J	0170
Chowdry JE	0029
Chrislip D	0005 0161
Christensen W	0099
Chung H	0005 0301
Cierpich H	0067 0068
Clark K	0493
Cloud JL	0107
Cloutier D	0099
Coady SA	0351
Coca A	0069
Cogliano V	0020 0348

IX. Author Index

Author	Citation Number(s)
Coleman BK	0342
Coleman R	0038
Colinet JF	0483
Collingwood S	0400 0401
Collins J	0035 0228 0283 0484
Compton CS	0070
Connor TH	0449 0450
Conway GA	0219
Cooper G	0249 0579
Couch J	0378 0614
Courtney TK	0035 0484
Cowan CW	0214
Cox-Ganser JM	0004 0074 0105 0165 0248 0274 0275 0603 0660
Cragin LA	0165
Crewe AN	0046 0475
Crofton K	0348
Cronin JP	0001 0071
Cullen ET	0072
Cummings KJ	0073 0074 0075 0266 0660
Cumpston J	0233 0459 0607
Curran C	0250
Current RS	0366
Cuthbert CD	0095
Cutlip RG	0021 0271 0349 0598
Dahlstrom GE	0027
Dalsey E	0076
Dang B	0650 0656
Daniels R	0007 0163
Danila R	0164
Darroudi F	0301
Das S	0237
Dauser D	0095
Davies B	0332
Davis F	0539
Davis L	0067 0068 0199 0426
Davis RR	0077
Day GA	0311
de la Mora JF	0162
De Roos AJ	0277
De Rosa MI	0078 0079
DeVries A	0164
Decker J	0192 0387 0404 0405
Deddens J	0015 0080 0123 0126 0252 0266 0287 0507 0594
Delaney LJ	0192 0387 0404 0405
Delano DL	0583
Dellarco MJ	0270
Demchuk E	0307
Dement J	0081 0309
Demers LM	0171
Derk RC	0003 0456
Derk SJ	0028
Deubner DC	0288
Deye G	0025 0026 0027 0297 0575

Author	Citation Number(s)
Dickerson RM	0311 0312
Diebolt-Brown B	0344 0345
Ding M	0239 0240 0485 0608
Diotte NM	0009
Divi RL	0284 0489
Docherty M	0271
Dodrill M	0486
Dodson WC	0171
Dolinar DR	0097 0098 0406 0411 0491 0492
Donahue R	0515
Donaldson K	0017
Doney B	0082 0083 0084 0085 0086 0339
Dong JH	0087
Dong RG	0087 0088 0089 0090 0091 0202 0258 0259 0341 0349 0350 0487 0541 0597 0601
Donlin M	0459 0607
Doody MM	0300
Dooley M	0249
Doorn SS	0118
Dorn J	0515
Dosemeci M	0110
Dotson G	0250 0488 0559
Dowdy JA	0142 0143
Dowell C	0644
Dowlati A	0112
Dowling NF	0054
Downes A	0293
Driscoll R	0343 0641
Du L	0092
Dubuc S	0634
Ducatman BS	0239 0240
Duchin JS	0056 0057
Dudash HJ	0271
Duggan S	0017
Duling MG	0311
Dunn C	0194
Dunn KH	0235 0266 0613 0614 0656
Duran B	0001
Durgam S	0647 0652
Echt A	0235 0402 0403 0613 0614 0617
Edgell D	0474
Edwards AA	0300 0301
Edwards JC	0102 0494
Edwards N	0074
Eggerth DE	0093
Ehlers JJ	0059
Ehrenberg RL	0056 0057
Eimer BC	0263 0264
Einem TL	0489
Eisenberg J	0644 0645 0646 0652 0654
El Ghissassi F	0020
El-Fawal HAN	0094
Elborn JS	0540

IX. Author Index

Author	Citation Number(s)
Ellenberger JL	0097 0464 0491
Elliott LJ	0229 0230
Ellis C	0332
Endo M	0096 0239
Englert RC	0095
Enright PL	0105
Ensell MX	0279
Ensey JS	0307
Erdely A	0096 0225 0319 0354 0359 0490
Erdely AD	0354
Erickson MD	0270
Ernst JL	0656
Esswein E	0136
Esterhuizen GS	0097 0098 0388 0464 0491 0492
Estill CF	0027 0172
Etherton J	0099
Euling SY	0348
Evanoff B	0035 0484
Evans DE	0100
Ewers L	0647
Fabisiak JP	0296 0549
Fadeel B	0298 0493
Fairfax RE	0196
Falkenstein E	0574
Fearn K	0245
Fedan JS	0142 0143 0486
Fedorowicz A	0299 0457
Feigley CE	0168
Fekedulegn D	0010 0060 0061 0330
Feng HA	0611
Feng W	0296 0493
Ferdinands J	0266
Fernback JE	0205 0543
Filios M	0199
Fitzgerald GK	0407
Fix JJ	0211
Flattery J	0199
Fluharty K	0357 0358 0514 0606
Flynn DC	0111 0112
Forrester CL	0207
Foster PMD	0348
Fox DA	0101
Fox WR	0480
Franks RA	0102 0494
Franzke LH	0360
Frasch HF	0103
Frazer D	0134 0209 0233 0265 0455 0459 0527 0553 0575 0607
Freihaut JD	0194
Freivalds A	0176
Freyssinier JP	0569
Friel GF	0102 0494
Friend S	0134
Froines J	0017

Author	Citation Number(s)
Frye BL	0307
Fukuda T	0231
Gadagbui B	0488
Gadde M	0535
Gallagher M	0054
Gallagher S	0070 0092 0104 0410 0412 0466 0568
Gao A	0141
Garcia A	0235 0611 0613
Garcia F	0571
Gaughan DM	0105
Geiger-Brown JM	0377
Genaidy A	0276 0338
Gensheimer KF	0056 0057
Geraci C	0250 0289 0290 0291 0292 0488 0559
Gergley RM	0106
Germolec D	0348 0357 0369 0606
Geronilla KB	0271
Ghanem MM	0030
Ghio A	0017
Gibbins J	0164 0192 0653
Gilbert E	0156 0333
Gilbert S	0309
Gilchrist A	0095
Gilkeson G	0249
Gillen M	0495
Glowacki AF	0496
Gnatuk CL	0171
Goldcamp EM	0497
Goldcamp MJ	0107
Goldenhar LM	0283
Goldsmith WT	0134
Goldstein BD	0270
Goncalves CGO	0498 0499
Goodman GVR	0033 0152 0388 0500 0518 0519 0571 0587
Gordon CJ	0108
Gordon J	0038
Gordon T	0583
Gorelik O	0297 0522 0575
Goswami S	0280
Gottesfeld P	0109
Goyal S	0164
Grajewski B	0166 0581
Grau R	0501 0552
Gray E	0348
Gray LE	0055
Grayson RL	0375
Graziani M	0339
Green BJ	0034 0124 0125 0285 0502 0573
Green JD	0366 0503
Greenburg DL	0110
Greengard P	0214 0231 0551
Gregorio DI	0095
Greskevitch M	0082 0083 0084 0085 0086

IX. Author Index

Author	Citation Number(s)
Grinshpun SA	0049
Groce D	0082 0083 0084 0085 0086 0362
Grohskopf LA	0056 0057
Gronqvist R	0035 0484
Grosch J	0005
Grosse Y	0020
Groves WA	0176
Guan H	0092
Guerra S	0358
Guffey S	0362
Guo L	0111
Guo NL	0112
Guyton KZ	0348
Gwinn MR	0113
Gürtunca RG	0504
Ha M	0301
Habes D	0641 0650
Habib RR	0333
Habjan MC	0370
Haff GG	0271
Hahn SE	0114
Hale AR	0173
Hale CF	0214
Hales T	0445 0626 0636
Hall E	0328 0383
Hall RM	0644 0646
Halliburton L	0329
Halperin WE	0292
Ham JE	0008 0115 0146 0238
Hamilton R	0560
Hamilton WR	0101
Hammond D	0611 0612
Hammond O	0118
Hanley KW	0250
Harlow JR	0029
Härenstam A	0189
Harmon R	0048
Harner EJ	0218
Harper M	0116 0117 0118 0169 0176 0246
Harris ML	0119 0120 0505
Harrison D	0314
Harrison R	0017 0067 0068 0199
Harshman S	0107
Harteis SP	0278 0380 0406 0411 0446
Hartley T	0010 0042 0061 0330 0340 0538
Haslam RA	0173
Hattis DB	0348
Hauptmann M	0301
Hause M	0132
Hayashi KJ	0214
Hayata I	0301
Hayumbu P	0121
Hayward SW	0055

Author	Citation Number(s)
He P	0140
He Q	0147
He X	0012 0361 0506 0531 0609 0610
He XQ	0122
Heaney C	0283
Heidel DS	0291
Hein M	0027 0123 0172 0206 0207 0208 0309 0507 0594
Heintz N	0231
Heitbrink W	0100 0400 0401
Hellweg RD	0367
Hendricks KJ	0508
Hendricks S	0132
Henn S	0163
Henneberger PK	0028 0128 0288
Henshaw RW	0156
Herbert R	0314
Herrick R	0206 0208
Hettick JM	0065 0124 0125 0482 0502
Heumann M	0339
Hibert EN	0166 0526 0581
Hider R	0017
Hill R	0451 0452
Hilsbos K	0004
Hinderliter PM	0108
Hines CJ	0110 0126
Hinnefeld SL	0212
Hintz PJ	0169
Hiratzka S	0163
Hitchcock E	0642
Hnizdo E	0339
Hobbs GR	0074 0105
Hoffman FO	0156
Hoffman RS	0344 0345
Hogan MB	0034 0127
Hojou M	0227
Holian A	0560
Hollander MS	0021
Holzbauer S	0164
Homce GT	0053 0453
Hoonakker PLT	0173
Hoover M	0240 0289 0290 0312 0583
Hopke PK	0337
Hoppin JA	0110 0128
Hosgood HD	0036
Hoskin A	0245
Hotchkiss J	0108
Howard J	0129 0130 0226 0230 0262
Howell J	0164
Hsiao H	0131 0132 0133 0173 0302 0368 0509
Hu Y	0527
Huang CS	0141
Huang G	0590
Hubbs AF	0030 0127 0134 0224 0233 0297 0547 0553 0575 0583

IX. Author Index

Author	Citation Number(s)
Hubert JP	0407
Hudak RL	0135
Hudson H	0136
Hulderman T	0096 0490
Hunt RC	0056 0057
Hunting KL	0047
Hurtubise RJ	0137
Husberg B	0058
Hussey JA	0168
Hustrulid W	0510 0512
Hyder AA	0371
Iannacchione A	0098 0448 0462 0492 0511 0548
Ikeda T	0227
Inskip P	0277 0539
Iossifova Y	0049
Isaacs AJ	0503
Isaacs SG	0138
Iskander W	0362
Iverson S	0512
Iyer AKV	0018 0139 0158
Jackson JS	0445
Jackson LL	0184 0185
Jackson PJ	0048
Jacobs DE	0174
Jagger J	0040 0195
James T	0182
Jamshidi S	0145
Jang IS	0170
Janisko S	0513
Janotka E	0124 0125 0285 0502
Janssen S	0348
Jaycox LB	0126
Jefferson A	0254 0279
Jia XW	0141
Jiang BH	0336
Jiang Y	0140
Jiao S	0141
Jin J	0297
Jing Y	0142 0143
Jobes CC	0197 0537
Johantgen M	0377
John K	0144
Johnson AT	0145
Johnson C	0523 0524
Johnson J	0101 0510
Johnson RC	0279 0570
Johnson V	0170 0265 0297 0357 0358 0514 0575 0606
Jones BT	0146
Jones DW	0351
Jones EN	0025
Joseph P	0147 0515 0572
Joy GJ	0243
Ju J	0321

Author	Citation Number(s)
Kadiiska M	0575
Kagan V	0296 0297 0298 0493 0522 0549 0575
Kala SV	0101
Kang JL	0148 0516
Kansy JW	0214
Kanwal R	0149 0455
Karacan CÖ	0150 0151 0152 0388 0500 0517 0518 0519 0520 0571
Kardous CA	0611 0659
Karfakis M	0186
Karim A	0564
Karnik J	0051
Karnpa D	0300
Karsh B-T	0059
Kashon ML	0021 0030 0124 0125 0134 0279 0341 0357 0358 0359 0502 0525 0570 0606
Kass D	0344 0345
Kastock ME	0174
Katellaris CH	0573
Kathren RL	0295
Katz CL	0314
Kau T-Y	0132 0302
Keahey WJ	0351
Keane M	0153 0522
Keane P	0245
Kee F	0540
Keil DE	0154
Kelly F	0017
Kenoyer JL	0155
Keogh L	0244
Keohavong P	0297
Kephart JW	0109
Kerkering C	0512
Keshava C	0144 0489
Kesner JS	0095 0171 0313
Key-Schwartz R	0121
Khoury MJ	0054
Kiefer MJ	0192
Kilmarx PH	0056 0057
Kim HS	0148 0516
Kim IK	0170
Kim SH	0170
Kim Y	0214
Kim YA	0096
King WP	0264
Kirkland EB	0521
Kisin E	0210 0296 0297 0298 0485 0522 0549 0575
Kissell FN	0561
Kissling G	0357 0606
Kitt M	0288 0343
Kittusamy NK	0197
Klandorf H	0574
Kleinerman RA	0301
Klemetti T	0221 0222 0546

IX. Author Index

Author	Citation Number(s)
Kocher DC	0156
Kodama Y	0301
Koh DH	0002
Koh FC	0145
Kommineni C	0296 0298 0549
Konduru NV	0493
Kong Y-K	0157 0182
Kongkaneramt L	0158 0336
Koontz W	0580
Kooter I	0017
Koutros S	0110
Kovacevic L	0620
Kovalchik PG	0032 0159 0478 0536 0577
Kowalski-Trakofler KM	0160
Koyama S	0096
Krajnak K	0341 0349 0350 0523 0524 0525
Kreiss K	0074 0075 0105 0165 0248 0273 0275 0288 0307 0373
Kretsinger K	0056 0057
Krieg E	0005 0157 0161 0315
Krog RB	0388 0500 0501
Ku BK	0162
Kubale T	0163
Kuempel E	0016 0081 0289 0290 0292 0309
Kujundzic E	0281
Kulkarni P	0236
Kullman G	0128 0134 0192 0273 0387 0404 0405
Kunselman AR	0171
Kuroiwa M	0231 0551
Kurzius-Spencer M	0358
Kwon TK	0170
Kyle AD	0348
La Bone TR	0043
Lacerda ABM	0498 0499
Lachance D	0164
Lackovic M	0051 0344 0345
Land CE	0156
Landreth KS	0127
Landrigan PJ	0314
Landsittel D	0267 0331 0362
Laney AS	0165
Lappalainen J	0173
Larsen LD	0027
Lau J	0194
Law B	0299
Lawrence RB	0311
Lawryk NJ	0042
Lawson CC	0166 0526 0581
LeBlanc AJ	0527
Lee D	0167
Lee EG	0118 0168 0169 0176
Lee HS	0148 0516
Lee HW	0148 0516
Lee K-S	0167

Author	Citation Number(s)
Lee L	0176
Lee S	0170
Lee SJ	0157
Lees PSJ	0055
Lefkowitz D	0067 0068
Legault ML	0197
Legro RS	0171
Lehman EJ	0172
Lehman M	0322
Lehtola MM	0173
Leil TA	0284
Leiss JK	0040 0195
Lentz TJ	0196 0528
Leonard S	0239 0240 0485 0558 0564 0574
Leone MM	0449 0450
Levin R	0174
Levin SM	0314
Lewis TL	0175
Li J	0006 0040
Li L	0361 0610
Li S	0305
Li Z	0279
Lil S	0218
Limanowski J	0283
Lin H	0112
Lin M-I	0176
Lin M-L	0245
Lincoln J	0177 0178 0179
Lindegren ML	0054
Lindholm C	0301
Lineberry GT	0138
Lioy PJ	0270
Lippmann M	0270
Lipscomb JA	0377
Lipscomb JC	0029
Listak JM	0180 0241 0242 0261 0529 0562
Liston A	0096 0490
Littlefield LG	0301
Litton CD	0079
Liu BC	0141
Liu HF	0141
Liu Y	0092
Liu YC	0036
Livingston G	0301
Lo L-M	0615 0616
Lodwick J	0163
Lohff CJ	0165
Lombardi DA	0035 0484
London SJ	0128
Loomis D	0081
Loringer KA	0181 0184 0185
Lowe B	0157 0182 0286
Lowry DT	0279 0570

IX. Author Index

Author	Citation Number(s)
Lu AYH	0188
Lu M-L	0182 0657
Lu Y	0158 0485 0591
Lu YJ	0336
Lubman D	0367
Lucas D	0177 0178 0179
Luckhaupt SE	0106 0183 0344 0345
Luebke RW	0348
Luft BJ	0314
Luginbuhl RC	0184 0185
Lum MR	0317
Luster MI	0348 0357 0358 0369 0514 0606
Lutz TJ	0204
Lutz V	0622 0624
Luxbacher K	0186 0593
Lyden JT	0040 0195
Lynch D	0273
Lynfield R	0164
Ma JK	0530
Ma JY	0530
Ma JYC	0030
Ma Q	0012 0122 0187 0188 0361 0506 0531 0609 0610
Mabee L	0051
MacDonald LA	0189 0532
MacKenzie BA	0013 0014 0473
MacMahon K	0192 0387 0404 0405
Macher J	0190 0191
Macievic G	0163 0211
Mackiewicz M	0282
Madura JD	0308
Maduri A	0193
Maier A	0488 0559
Main B	0099
Mainiero R	0119 0533 0571
Makola M	0338
Malker H	0333
Mallett L	0379 0410 0534
Manchester DK	0137
Mandapuram S	0259
Manivannan A	0329
Manosroi A	0018
Mao Z	0610
Marano F	0017
Marcus SM	0250
Mark C	0070 0222 0467 0535 0546 0557
Markey A	0163
Markowitz S	0314
Marlow D	0071 0615 0616
Marrone BL	0048
Martikainen AL	0584
Martin SB	0194
Martin SW	0360
Martinez AB	0025

Author	Citation Number(s)
Martinez KF	0048
Mason R	0575
Materna B	0426
Matetic RJ	0032 0159 0478 0536 0602
Mathews R	0195
Matthews LNH	0072
Matz M	0228 0484
Maxim LD	0196
Maynard A	0297 0575
Maynard RL	0017
Mayton AG	0197 0255 0407 0537
Mazurek JM	0023 0198 0199 0200 0201 0318 0460
McBurnie MA	0339
McCanlies E	0010 0060 0307 0538
McCann M	0245
McCartney C	0323 0585
McCartney KA	0211
McClean KM	0540
McCleery R	0644
McCleskey TM	0001
McDiarmid MA	0449 0450
McDougall V	0133 0509
McDowell TW	0087 0088 0089 0090 0091 0202 0487 0541 0597 0601
McFall M	0619
McGreevy K	0199
McHugh E	0203 0542
McIntyre BS	0055
McKenzie EA Jr.	0204
McKenzie T	0474
McKernan JL	0205 0543
McKernan LT	0015 0206 0207 0208
McKibbin RW	0179
McKinney W	0209
McNeil MM	0360
McPherson LE	0127
McQuiston J	0164
McWilliams LJ	0243
Mccarthy B	0539
Mead KR	0250
Meade BJ	0009 0457
Meadows JW	0171
Mehler L	0051 0344 0345
Mehlmann T	0154
Meighan T	0003 0486
Menéndez CK	0618
Mercer RR	0021 0134 0210 0297 0335 0544 0563 0575 0591
Merwin SE	0211 0212
Mesia-Vela S	0028
Messenger SL	0048
Methner MM	0213
Meyer DA	0214
Meyer RM	0059
Miles PR	0030

IX. Author Index

Author	Citation Number(s)
Miller A	0167 0370
Miller DB	0108 0214 0215 0231 0234 0293 0458 0471 0472 0545 0551
Miller GG	0348
Miller GR	0524 0525
Miller M	0348
Miller R	0523 0537
Miller SL	0281
Milton DK	0028
Ming JM	0237
Mischler SE	0243 0332
Misra N	0218
Mitchell Y	0051 0344 0345
Mnatsakanov RM	0216 0217 0218
Mnatsakanova A	0303 0305 0330
Mode N	0219 0451 0452
Moffatt SG	0165
Molinda G	0070 0220 0221 0222 0467 0546 0557
Moline J	0314
Moolenaar RL	0266
Moon C	0148 0516
Moonesinghe R	0054
Moore CA	0054
Moore P	0366 0503 0632
Moore SM	0223 0407
Moraga-McHaley S	0051
Morata TC	0037 0498 0499 0611
Moritz J	0574
Mormer E	0244
Morris JB	0224 0547
Morris RL	0327
Morrison GC	0342
Morrissey B	0051 0344 0345
Morse SA	0048
Moseley A	0459 0607
Moss CE	0281
Mouithys-Mickalad A	0575
Moy LY	0214
Msiska Z	0112
Mudway I	0017
Mueller C	0343 0640 0642 0644 0645 0646 0656
Muirhead CR	0333
Muller V	0225 0319
Muller-Delp J	0527
Mundt DJ	0292
Mundt KA	0292
Munson AE	0008 0009 0457
Muntaner C	0005 0006
Murashov V	0226 0289
Murch RS	0048
Murono EP	0003 0456
Murphy LR	0114
Murphy MM	0548
Murphy WJ	0367

Author	Citation Number(s)
Murray A	0210 0296 0297 0298 0485 0522 0549 0575
Murray D	0329
Myers DV	0250 0614
Myers JR	0181 0550
Naidoo N	0282
Nairn AC	0214
Nakamura N	0301
Nakano M	0301
Nakata A	0227
Nath J	0144
Ned RM	0054
Nedeljkovic-Davidovic A	0194
Nedorost S	0521
Nel A	0017
Nelson A	0228 0377 0484
Nelson J	0169
Nelson ME	0407
Neton JW	0229 0230
Neumeister C	0041
Newenhouse AC	0059
Nicas M	0109
Nigam JA	0227
Nilsen N	0594
Nishi A	0231 0551
Noe RS	0445
Noll J	0232 0513 0552
Novaes BC	0037
Nurkiewicz TR	0233 0527 0553
O'Brien AD	0480
O'Callaghan JP	0094 0101 0214 0215 0231 0234 0458 0471 0472 0545 0551 0554
Oestreicher U	0301
Okun A	0291
Old L	0235
Olfert JS	0236
Olivero OA	0237 0284
Organiscak JA	0261 0447 0555 0562
Orr TJ	0534
Ortmann A	0244
Ostvold AC	0279
Ott S	0042 0340
Otto CS III	0656
Ouchi AM	0556
Oyegbite K	0371
Oyler DC	0557
Ozanne Smith J	0371
O'Brien A	0255
O'Callaghan JP	0282
Pack AI	0282
Pacolay BD	0238
Pacurari M	0239 0240 0558
Padilla A	0174
Page E	0642
Page SJ	0241 0242 0243 0261 0562

IX. Author Index

Author	Citation Number(s)
Pakalnis R	0556
Palmer CV	0244
Palya F Jr	0418
Pan CS	0064 0245 0599 0600
Pang TWS	0246
Panlilio AL	0056 0057
Papp T	0247
Pappas DM	0222 0546
Park E	0516
Park E-M	0148
Park HS	0076
Park J	0603
Park J-H	0248 0274 0275
Park J-W	0170
Park K	0167
Park M	0249
Park RM	0002
Parker A	0559
Parker JE	0372
Parks C	0249 0473
Patel D	0257
Patel R	0110
Patts L	0552
Pauli JG	0171
Pauluhn J	0108
Pearson BL	0193
Pechter E	0199
Peden M	0371
Peden-Adams MM	0154
Pellizzari ED	0270
Pendergrass S	0015
Pereira KM	0059
Perrone J	0250
Perz JF	0056 0057
Peters R	0328 0383
Peters TM	0100
Petersen M	0005 0006 0080 0207 0251 0252 0287 0352
Peterson JS	0536 0577
Petibone D	0300
Petsonk EL	0372 0408 0460 0540
Pichumani K	0329
Piktel D	0127
Pinheiro GA	0011 0253
Pinkerton LE	0266 0310
Pizatella T	0133 0376 0509
Poirier MC	0237 0284 0489
Pollock DE	0480 0481
Polovich M	0449 0450
Porter D	0233 0254 0272 0553 0560 0563 0567
Porter WL	0255 0410
Portier C	0348
Portier KM	0055
Potter KD	0212

Author	Citation Number(s)
Potts JD	0256
Powell JB	0069
Power LA	0449 0450
Powers JR Jr.	0132 0204 0302
Powers LA	0138
Preston DL	0300
Prince M	0594
Proudfoot SL	0445
Punnett L	0189
Qian Y	0111 0112 0592
Quick BL	0257
Rahman FA	0371
Rahman Q	0247
Rajaraman P	0277
Rakheja S	0087 0258 0259
Ramsey J	0650 0653 0654 0655 0657
Ramsey MJ	0352
Randolph RF	0135 0393 0561
Rao C	0190 0191
Rao CY	0248 0266
Rao KMK	0003
Rao MK	0486
Ratcliffe JM	0195
Ravetta PA	0477
Raylman RR	0329
Redlich CA	0036
Reed LD	0260 0449 0450
Reed R	0241 0242
Reed WR	0256 0261 0562
Reeves E	0050 0578
Rehak TE	0145
Reichler MR	0054
Reilly MJ	0199
Reinke DC	0393
Reissman DB	0262 0270
Remick SC	0112
Ren TX	0517
Rengasamy S	0263 0264
Rennix C	0378
Reponen T	0049
Reyes M	0568 0569
Reynolds J	0265 0296 0514 0549
Reynolds RH	0570
Reynolds S	0279 0355 0359 0604
Ribas A	0498 0499
Rice DC	0348
Rich BL	0327
Rich-Edwards JW	0166 0526 0581
Richardson DB	0333
Richardson DL	0144 0237
Richardson S	0067 0068
Richer E	0214
Ridenour M	0445

IX. Author Index

Author	Citation Number(s)
Rider JP	0483
Riggs MA	0074 0266
Rimmer J	0573
Rinder MM	0276
Rinehart R	0109 0291
Rivara AKMF	0371
Rivin D	0418
Robbins J	0001
Roberge MR	0267 0331
Roberge R	0069 0267 0268 0269 0331
Roberts JR	0296 0353 0354 0359 0458 0459 0549 0563 0564
Robertson S	0039 0340 0360
Robertson SK	0013 0014
Robins TG	0121
Robinson C	0163
Robinson K	0045
Robinson V	0558
Rodes CE	0270
Rodman J	0174
Rodriguez M	0648
Rogel A	0333
Rogers CA	0208
Rogers P	0426
Rojanasakul Y	0018 0019 0139 0158 0335 0336 0591
Rolfes MR	0327
Romano N	0067 0068
Ron E	0300 0352
Ronaghi M	0204
Roscoe RJ	0321
Rose CE Jr.	0360
Rosenman K	0199 0426
Rostami-Hodjegan A	0029
Rowland JH III	0533
Roy L	0301
Ruder A	0209 0539 0565 0594
Ruff T	0566
Ruppert MJ	0570
Ruppert SM	0570
Rusiecki J	0110
Ryan MJ	0271
Sabey P	0311
Safranek T	0164
Sager TM	0272 0567
Sahakian N	0273 0274 0275 0373
Salem S	0276
Salmen R	0096 0490
Samanic CM	0277
Sammarco JJ	0568 0569
Sammons DL	0013 0014 0039 0360 0473
Samociuk HA	0095
Samsell LJ	0319
Sanders CL	0054
Sanderson WT	0207 0287

Author	Citation Number(s)
Sandler DP	0128
Sapko MJ	0120 0278 0406 0505
Sargent LM	0279 0570
Sarisuta N	0158
Sattler BA	0377
Savolainen K	0289
Sbarra D	0240 0311
Scabilloni J	0210 0544 0591
Scalsky ED	0155
Schachter EN	0280
Schafer MP	0281
Scharf MT	0282
Scharf T	0138 0283
Schatzel SJ	0388 0500 0520 0571
Schiffmann D	0247
Schild-Hay LJ	0284
Schill DP	0199 0250
Schilling SR	0462
Schmechel D	0034 0124 0125 0285 0502
Schmid E	0301
Schnakenberg GH Jr.	0476
Schnorr TM	0055
Schock MR	0174
Schonberger L	0164
Schrader SM	0286
Schubauer-Berigan M	0156 0287 0333 0507
Schuler CR	0288 0307
Schulte P	0250 0289 0290 0291 0292 0293 0374
Schulz TY	0135
Schutzer SE	0048
Schwartz A	0051 0344 0345
Schwartz JM	0348
Schwegler-Berry D	0026 0096 0134 0140 0153 0210 0239 0240 0254 0459 0522 0564
Schwerha DJ	0410
Scott DF	0294 0375
Scott T	0329
Scripsick RC	0311
Secretan B	0020
Sejvar J	0164
Selby VL	0377
Selevan SG	0055
Sellamuthu R	0572
Senft JR	0279 0570
Sercombe JK	0573
Sestito JP	0047 0321
Settle T	0574
Shaffer RE	0263 0264 0362
Shannon J	0451 0452
Sharfi M	0327
Sharma V	0314
Sharpnack DD	0315
Shell R	0276
Shemon GJ	0446

IX. Author Index

Author	Citation Number(s)
Shepherd A	0069
Shi X	0111 0112 0522 0592
Shi XL	0141
Shockley ME	0489
Shockley VE	0295
Shuely WJ	0418
Shukla R	0038
Shuto T	0231
Shvedova A	0026 0210 0296 0297 0298 0485 0493 0522 0549 0575
Sicher LA	0366
Siddharthan K	0228
Siebert SR	0043
Siegel PD	0004 0065 0066 0105 0299 0482 0502
Sievert J	0051
Sigurdson AJ	0300 0301 0352
Sigurdsson SO	0347
Silver S	0163 0594
Simeonov P	0132 0133 0302 0509
Simeonova P	0096 0369 0490
Simoskevitz RL	0030
Simoyi RH	0065 0066 0482
Singh RJ	0095
Sinks T	0174
Sioutas C	0017
Slaven J	0153 0357 0606
Slaven JE	0061 0124 0125 0168 0176 0238 0303 0304 0305 0502 0538
Slavin TJ	0100
Smith AC	0102 0306 0356 0494 0576 0586 0587 0605
Smith AK	0159 0477 0478 0577
Smith DL	0638
Smith JP	0013 0014 0039 0360 0473
Smith MH	0211 0212
Smith R	0081
Smith RP	0314
Smith S	0017
Snawder J	0013 0014 0029 0136
Snyder GL	0231 0551
Snyder J	0299 0307 0308
Sobeih T	0276
Sollberger R	0645 0646
Solomon G	0348
Sorock GS	0035 0484
Sotogaku N	0231
Sousa S	0040 0195
Southwick S	0314
Sparer J	0036
Spencer ER	0031 0469 0578
Spencer PJ	0108
Spiegelman D	0166 0526 0581
Spitz HB	0007
Sram RJ	0301
Sriram K	0234 0254 0458 0560
Stadler K	0575

Author	Citation Number(s)
Stanbury M	0426
Stancescu DO	0156
Stanton ML	0307 0311
Stayner L	0081 0309
Steege AL	0006
Steenland K	0287 0310 0594
Stefaniak AB	0311 0312
Stehlik C	0335
Steiner AZ	0313
Steiner LJ	0223 0384 0407 0410
Stellman JM	0314
Stemple KJ	0004 0028
Stenzel M	0378
Stephan G	0301
Stephenson MT	0257
Stettler LE	0315
Stevens RG	0095
Stewart C	0580
Stewart DN	0212
Stewart PA	0123 0277
Stolz DB	0493
Stone S	0153 0297 0459 0575 0607
Stout N	0133 0316 0376 0509
Stowe MH	0036
Straif K	0020
Streicher RP	0015 0036
Striley C	0013 0014 0126 0136
Stull JO	0069
Styles L	0067 0068
Su W	0092
Sublet VH	0317
Suk K	0170
Sullivan PA	0579
Sullivent EE	0056 0057
Sumner AD	0165
Sussell A	0321 0651
Sussman N	0297
Swanson NG	0227
Swanson P	0186 0580 0593
Syamlal G	0022 0023 0082 0083 0084 0085 0086 0318
Sylvain D	0652
Szabo AJ	0225 0319
Tackett JA	0581
Tadolini SC	0024 0465 0511 0582
Tain YL	0225
Tak S	0320 0321 0343
Takahashi M	0227
Tang X	0092
Tao N	0361 0609 0610
Tapp L	0647 0651
Tarantino LM	0583
Tardy H	0333
Tarley J	0621

IX. Author Index

Author	Citation Number(s)
Taulbee TD	0155 0211
Taveras B	0028
Tawn EJ	0301
Taylor CD	0500 0584 0590
Taylor HA	0351
Taylor TM	0411
Telle-Lamberton M	0333
Teske TD	0072
Thimons ED	0483 0500 0587
Thomas BA	0156
Thomas EM	0295
Thomas KC	0042
Thompson AL	0137
Thompson ND	0056 0057
Tirumala V	0564
Toledo D	0335
Tomblyn S	0009
Tonazzi JC	0001 0071
Toraason MA	0205 0543
Torma-Krajewski J	0322 0384 0410
Tosun K	0112
Tovey ER	0573
Trabalka JR	0156
Treadwell E	0249
Trevits MA	0323 0585 0586 0587
Trinkoff AM	0377
Trout D	0250 0292 0365
Tsai L-H	0214
Tubbs R	0641 0646
Tuchman DP	0243 0324
Tucker JD	0300 0301 0352
Tucker SP	0325
Turk GC	0312
Turner NL	0326
Tyson FL	0279 0570
Tyurina YY	0296 0493
Udasin I	0314
Ulery JP	0152 0397
Ulsh BA	0327
Umbach DM	0128
Umbright C	0147
Underwood MN	0107
Unger RL	0384 0393
Urban CW	0408
Urosek JE	0446 0586
Utterback D	0163
Vainio H	0289
Valiante D	0067 0068 0199
Vallero DA	0270
Vallyathan V	0019 0112 0239 0240 0247 0357 0485 0558 0570 0606
Valoski MP	0586
van der Molen HF	0173
Van Scott MR	0142 0143

Author	Citation Number(s)
Van Sickle D	0266
Vandenberg J	0348
Vandenberg JG	0055
van Wijngaarden E	0123
Varley F	0448 0588 0596
Vaught C	0160 0257 0328 0379 0383
Vazquez IL	0237
Velan SS	0329
Velickoff D	0034
Velsko SP	0048
Venturin D	0196
Verakis HC	0120 0505
Verbeek JH	0173
Viet SM	0378
Vila B	0303 0304 0305 0330
Villnave J	0339
Vinson RP	0243 0324
Violanti JM	0010 0060 0061 0303 0304 0305 0330 0515 0538
Viruet HB	0338
Viscusi D	0092 0362
Voisin P	0301
Vojtko MR	0267 0331
Vojtko RJ	0267 0331
Volkwein J	0243 0324 0328 0332 0383 0589
Vollmer WM	0339
Vorobtsova I	0301
Vrijheid M	0333
Vytla S	0590
Wagner GR	0105 0293 0334
Wala AM	0590
Walker ER	0351
Wallace W	0522
Wallingford KM	0206 0208
Walters TE	0196
Waltz J	0344 0345
Wan YW	0112
Wang CY	0301
Wang H	0092
Wang J	0236
Wang L	0018 0092 0210 0335 0544 0591
Wang LY	0139 0336
Wang ML	0540
Wang Y	0158
Wang Z	0092 0337
Ward EM	0352 0594
Ward R	0592
Warneke J	0203 0542
Warren C	0202 0487 0541 0597 0601
Warren ND	0189
Wassell JT	0011 0253 0326
Waters K	0163
Waters MA	0123 0277 0352 0594
Waters T	0038 0052 0228 0338

IX. Author Index

Author	Citation Number(s)
Watts NB	0038
Waugh S	0523 0524 0525
Weeks J	0133 0509
Weinmann S	0339
Weiss D	0247
Weiss ES	0278 0380 0446
Weissman DN	0004 0034 0105 0365
Welbourne JL	0042 0340
Welch R	0054
Welcome D	0087 0088 0089 0090 0091 0202 0341 0349 0350 0487 0541 0597 0601
Wellman HM	0484
Wells JR	0115 0238 0342
Wen K	0140
Wertman SC	0632 0633 0637 0639
West C	0343 0648
Westman E	0186 0548 0593
Weston A	0113 0137 0144 0237 0284 0307 0489
Whalen J	0400 0401 0402 0403 0449 0450
Wheeler K	0344 0345
Wheeler MW	0346
Whelan EA	0166 0174 0352 0526 0581 0594
Whisler R	0326 0503
White JE	0503
White KT	0001 0071
White SK	0004 0248 0275
Whitehouse CA	0301
Whitman GR	0366
Whitmer M	0280
Whitney G	0001
Whyatt J	0588 0595 0596
Wiehagen WJ	0384
Williams WJ	0069
Williamson P	0048
Willis R	0199
Wilson G	0070
Wilson NW	0034
Wilson SE	0193
Wiltshire T	0583
Wimer BM	0597
Winslow RC	0211
Wirth O	0347
Witte K	0257
Wofford MR	0351
Wolf L	0035 0484
Wolfarth M	0254 0560 0603
Wolfe AL	0408
Wood JM	0022 0023 0200 0201 0253
Woodruff TJ	0348
Woodward CC	0179
Woskie SR	0036 0055
Wrensch M	0539
Wu JZ	0087 0088 0089 0090 0091 0349 0350 0487 0598 0599 0600

Author	Citation Number(s)
Wu N	0560
Wyatt J	0164
Wyatt SB	0351
Xia Y	0361 0609 0610
Xing J	0092
Xu X	0202 0541
Xu XS	0601
Yannaccone J	0366
Yantek DS	0602
Ye M	0141
Ye Y	0244
Yenchek MR	0453
Yesupriya A	0054
Yin J	0297
Yin XJ	0239 0240
Yong LC	0300 0301 0352 0594
Young IS	0540
Young S	0603 0607
Young S-H	0353 0354 0359
Yuan BZ	0355 0604
Yuan L	0306 0356 0576 0587 0605
Yucesoy B	0357 0358 0514 0521 0606
Zachariah MR	0167
Zaino RJ	0171
Zarfos K	0095
Zeidler-Erdely PC	0096 0354 0359 0490 0607
Zeise L	0348
Zhang FM	0141
Zhang P	0464
Zhang W	0301
Zhang X	0569 0608
Zhang X-D	0066
Zhang Y	0360
Zhao H	0530
Zhao J	0485 0608
Zhao JS	0240
Zhao Z	0361 0609 0610
Zhou L	0167
Zhou X	0140
Zhuang Z	0092
Zhuang ZQ	0362
Zimmer JA	0480 0481
Zocoli AMF	0498 0499
Zoeller RT	0348
Zumwalde R	0081 0289 0290 0292
Zuskin E	0280
Zwiener J	0326

X. KEYWORD INDEX

Keyword	Citation Number(s)
AIDS virus	0389 0390 0391 0392
Accident analysis	0063 0177 0178 0366 0618 0620 0621 0622 0624 0627 0632 0637 0639
Accident prevention	0035 0064 0070 0097 0098 0099 0131 0177 0178 0203 0220 0223 0278 0344 0345 0371 0376 0381 0384 0410 0426 0448 0451 0452 0453 0484 0492 0497 0508 0512 0517 0528 0542 0550 0566 0582 0584 0618 0619 0619 0620 0621 0622 0624 0627 0632 0633 0637 0639
Acetals	0613
Acid mists	0648
Acoustical measurements	0265
Acute exposure	0106
Adenocarcinomas	0112
Aerosol particles	0008 0025 0027 0049 0162 0168 0198 0236 0253 0263 0264 0279 0298 0311 0331 0455 0476 0481 0513 0552 0558 0575 0589
Aerosol sampling	0027 0049 0236 0575
Agricultural chemicals	0051 0106 0110 0128 0565
Agricultural machinery	0181 0197 0204 0340
Agricultural workers	0006 0051 0058 0059 0106 0110 0128 0184 0185 0197 0249 0280 0318 0387 0404 0405 0497 0508 0550 0565
Air contamination	0004 0008 0017 0190 0191 0205 0224 0266 0281 0285 0476 0517 0518 0543
Air flow	0209 0265 0274 0555 0614
Air monitoring	0027 0269 0614
Air purifying respirators	0085 0267 0269
Air quality control	0206 0208 0224 0281 0481 0555
Air quality measurement	0017 0051 0168 0205 0236 0476 0517 0518 0543 0575
Air sampling	0027 0190 0191 0205 0206 0543 0611 0612 0613 0615 0616
Airborne dusts	0015 0017 0118 0174 0180 0241 0247 0315 0419 0420 0455 0529
Airborne particles	0015 0016 0017 0073 0118 0149 0168 0174 0180 0190 0191 0198 0206 0224 0247 0264 0370 0455 0476 0481 0513 0529 0552 0589
Aircraft	0206 0342
Airport personnel	0310 0640
Airway obstruction	0127 0143 0149 0199 0235
Alcoholism	0413 0414
Allergens	0004 0034 0045 0473 0502 0514 0573
Allergic disorders	0034 0127 0285 0473 0502 0573
Allergic reactions	0004 0034 0045 0285 0299 0473 0502 0514 0573
Alveolar cells	0141 0253 0296 0308 0353 0459 0563
Amines	0656
Analytical chemistry	0001 0013 0014 0071 0136 0176 0325 0364
Analytical instruments	0028 0120 0505
Analytical methods	0001 0015 0017 0071 0136 0157 0176 0196 0207 0238 0252 0287 0311 0324 0325 0346 0364 0617
Animal studies	0020 0101 0138 0154 0170 0175 0265 0271 0296 0297 0315 0341 0359 0472 0486 0523 0558 0570 0574
Antibiotics	0041 0574
Antibody response	0039 0041 0127 0514

X. Keyword Index

Keyword	Citation Number(s)
Antigens	0034 0039 0127
Antioxidants	0012 0158 0485
Arm injuries	0088 0650 0653
Arsenic compounds	0506 0649
Asbestos fibers	0081 0117 0309 0334 0419 0420 0460 0651
Asbestos mining	0116 0334 0460 0579
Asbestos workers	0081 0116 0309 0334 0460 0579
Asbestosis	0023 0117 0200 0419 0420
Asphalt fumes	0009
Automobile repair shops	0036 0649 0651
Automotive emissions	0649 0651
Back injuries	0104 0193 0197 0258 0259 0412 0427 0428 0429 0430 0431 0432 0433 0434 0435 0436 0437 0438 0439 0440 0441 0442 0443 0444 0648 0650
Bacteria	0027 0049 0073 0074 0190 0191 0194 0266 0353 0549 0643 0656 0660
Bacterial dusts	0027 0049 0190 0191 0274 0549 0643
Bacterial infections	0194 0353 0459 0549
Barium compounds	0617
Behavior patterns	0083 0317 0347
Behavioral testing	0138
Benzene poisoning	0610
Benzidines	0020
Beryllium compounds	0001 0071 0311 0615 0616 0617
Beryllium disease	0307 0311
Bioaerosols	0194
Bioassays	0045
Biochemical analysis	0051 0088 0139 0188 0207 0348
Biochemical indicators	0013 0014 0088 0188 0341
Biochemical tests	0188 0207
Biocides	0045 0049
Biodynamics	0091 0341 0350 0487
Biohazards	0051 0172 0348
Biokinetics	0302
Biological agents	0003 0027 0108 0183 0354
Biological effects	0021 0029 0030 0051 0060 0089 0095 0140 0144 0148 0161 0172 0183 0207 0224 0234 0239 0240 0272 0299 0303 0304 0307 0341 0348 0350 0360 0471 0479 0516 0545 0549 0554 0560 0567 0575 0591
Biological factors	0060 0112 0140 0148 0161 0183 0188 0207 0224 0239 0270 0272 0299 0303 0304 0333 0341 0360 0385 0386 0516 0549 0560 0567 0575 0591
Biological function	0030 0060 0148 0188 0224 0244 0272 0299 0303 0304 0516 0567
Biological monitoring	0003 0051 0081 0108 0113 0144 0148 0183 0183 0207 0210 0224 0272 0299 0300 0301 0309 0321 0350 0354 0516 0549 0560 0567 0575 0591
Biological weapons	0409
Biomarkers	0060 0094 0096 0112 0113 0124 0125 0144 0364 0374 0610
Biomechanical modeling	0046 0064 0088 0089 0341 0349 0350 0475 0487 0598 0599 0600
Biomedical engineering	0182 0239
Biostatistics	0341
Black lung	0408 0427 0428 0433 0435 0436 0437 0442 0444
Bladder cancer	0020

Keyword	Citation Number(s)
Blasting agents	0119
Blood analysis	0060
Blood disorders	0183 0609 0610
Blood vessels	0140 0553
Bloodborne pathogens	0040 0056 0057 0161 0183 0333 0389 0390 0391 0392
Boat manufacturing industry	0023 0611
Body fluids	0056 0057 0183
Body weight	0360 0540
Boiler furnaces	0023
Bone disorders	0006
Bone marrow	0127
Brain disorders	0012 0277 0539 0560
Brain electrical activity	0282 0545
Brain function	0164 0214 0545 0560
Breast cancer	0111 0284 0594
Breathing	0004 0016 0127 0142 0224 0233 0253 0265 0273 0274 0280 0285 0308 0318 0331 0549 0558 0560 0564 0575 0591
Breathing zone	0127 0207 0207 0243 0253 0273 0280 0331 0558 0583 0607 0611 0612
Bronchial asthma	0036 0127 0128 0142 0199 0233 0275 0308 0318 0419 0420 0660
Bronchial cancer	0607
Burns	0371 0434 0443 0628 0652
Byssinosis	0419 0420
CGH array	0279
CO poisoning	0119
Cadmium compounds	0615 0617 0649
Cancer	0002 0043 0113 0139 0156 0211 0333 0355 0531 0539 0594 0604
Carbamates	0128
Carbon monoxide	0119
Carcinogenicity	0018 0139 0141 0144 0277 0531 0604
Carcinogens	0020 0139 0141 0163 0277 0359 0506 0531 0604 0608 0609
Cardiac function	0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Cardiopulmonary system disorders	0172 0527
Cardiovascular function	0258 0351 0527 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Cardiovascular system disorders	0351 0377 0445 0515 0527 0592 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Case studies	0123 0199 0339
Cattle industry	0138
Cell alteration	0139 0140 0237 0357 0490 0522 0531 0606 0608
Cell cultures	0190 0191 0237 0253 0284 0300 0355 0570 0604
Cell differentiation	0012 0017 0062 0144 0175 0489
Cell metabolism	0062 0139 0140 0141 0142 0144 0175 0224 0240 0308 0336 0353 0489 0530 0545 0591
Cell transformation	0018 0062 0139 0140 0144 0175 0237 0300 0301 0336 0357 0479 0490 0493 0522 0530 0531 0606 0608
Cell wall permeability	0140 0224 0592
Cellular function	0012 0062 0112 0140 0143 0161 0240 0279 0298 0335 0355 0385 0386 0591
Cellular reactions	0017 0029 0030 0062 0112 0122 0140 0142 0144 0148 0161 0170 0175 0187 0210 0224 0239 0272 0282 0299 0353 0355 0357 0385 0386 0489 0490 0493 0516 0522 0530 0531 0567 0606 0608

X. Keyword Index

Keyword	Citation Number(s)
Cellular respiration	0224 0279 0298 0591
Cellular structures	0012 0239 0300 0301
Cellular transport mechanism	0140 0144 0175 0224 0335 0545
Cellular uptake	0353 0493
Cement industry	0276 0572
Central nervous system disorders	0612 0642
Ceramic materials	0196 0288 0655
Ceramics industry	0288 0655
Cerebrospinal fluid	0164
Cerebrovascular system	0282
Chelating agents	0065 0482
Chemical agent detectors	0094
Chemical analysis	0008 0045 0113 0187 0188 0489
Chemical binding	0115 0139 0146 0187 0488 0559
Chemical composition	0008 0094 0113 0115 0146 0307 0311 0336 0489
Chemical deposition	0115 0146
Chemical hypersensitivity	0008 0018 0051 0065 0110 0113 0134 0142 0147 0187 0273 0288 0299 0311 0312 0348 0456 0457 0482 0488 0559 0572 0581
Chemical indicators	0188 0488 0489
Chemical inhibition	0336
Chemical kinetics	0142
Chemical processing	0163 0288 0311 0457 0613
Chemical properties	0018 0065 0094 0107 0110 0113 0115 0146 0147 0161 0188 0207 0288 0294 0307 0312 0336 0385 0386 0457 0482 0488 0559 0572 0592
Chemical reactions	0018 0094 0107 0113 0115 0139 0146 0187 0488 0489 0559
Chemical structure	0312
Chemical synthesis	0094 0115 0146 0187 0218 0288 0307 0336 0489
Chemical warfare agents	0409 0418 0559
Chemoreceptors	0187 0188 0307 0335 0488
Chemotherapy	0335 0355
Chest x-rays	0416
Children	0101 0314 0318 0371 0497 0508
Chlorine compounds	0643 0656
Chromatographic analysis	0045
Chromium compounds	0147
Chromosome disorders	0300 0570
Chronic exposure	0148 0172 0275 0339 0516 0570
Cigarette smoking	0227
Circadian rhythms	0303 0304 0330
Circulatory system	0140
Cleaning compounds	0008 0041 0199 0238
Clinical chemistry	0125
Clinical diagnosis	0111 0112
Clinical tests	0111 0125
Clothing	0617
Coal dust	0016 0030 0120 0241 0243 0357 0372 0383 0419 0420 0483 0505 0606
Coal miners	0016 0030 0032 0159 0328 0332 0357 0372 0379 0383 0407 0408 0423 0424 0427 0428 0435 0436 0437 0444 0461 0469 0477 0478 0536 0561 0577 0606
Coal processing	0150 0159 0357 0606

Keyword	Citation Number(s)
Coal products	0332
Coal workers pneumoconiosis	0016 0357 0372 0383 0408 0419 0420 0433 0442 0606
Combustion chambers	0208
Comfort zones	0077
Communication workers	0659
Computer models	0098 0123 0150 0151 0152 0306 0356 0447 0466 0492 0520 0548 0556 0576 0582 0593
Computer software	0294 0363 0393 0534
Confined spaces	0168 0648
Construction equipment	0089 0132 0402 0403 0599 0600 0618
Construction materials	0008 0085 0323 0402 0403 0585
Construction workers	0009 0064 0085 0132 0173 0302 0321 0326 0400 0401 0402 0403 0474 0509 0572 0599 0600 0618
Contact dermatitis	0147 0572 0647
Contagious diseases	0281
Contaminated food	0280
Control methods	0109 0196 0235 0260 0507 0612 0614
Control technology	0024 0033 0070 0078 0098 0109 0180 0196 0204 0208 0220 0221 0222 0241 0256 0261 0270 0278 0289 0290 0292 0380 0394 0395 0396 0402 0403 0411 0423 0424 0425 0448 0449 0450 0461 0462 0465 0470 0477 0478 0483 0492 0501 0504 0511 0529 0536 0546 0557 0561 0562 0577 0578 0580 0582 0588 0595 0596 0602 0611 0612 0613 0614 0615 0616 0617 0648 0650 0653 0655
Copper compounds	0616
Correctional facilities	0617
Cotton dust	0419 0420
Cumulative trauma disorders	0223 0322 0349 0384 0641 0650 0653 0654 0657
Cutting tools	0381
Cytotoxins	0147 0158 0572
DNA adducts	0137 0489
DNA damage	0237 0506 0604 0609
Data processing	0156 0211 0212 0229
Demographic characteristics	0022 0023 0040 0047 0128 0195 0249 0351 0508 0540 0550 0565 0642 0648
Dentistry	0217 0218 0251
Depressants	0227
Deprivation	0330
Dermatitis	0066 0433 0442 0457 0521 0647 0656 0660
Developmental disorders	0101
Diagnostic techniques	0039
Diesel emissions	0102 0232 0332 0476 0494 0513 0530 0552 0651
Diesel engines	0102 0332 0494
Dietary effects	0075 0174
Diffusion analysis	0103
Disabled workers	0412
Disaster planning	0262 0270
Disease prevention	0192 0260 0268 0372 0385 0386
Dockworkers	0179
Dose response	0043 0101 0103 0155 0156 0211 0212 0229 0230 0280 0295 0327 0530
Dosimetry	0043 0050 0224 0327 0530 0659
Drug interaction	0187
Drug receptor	0188 0214

X. Keyword Index

Keyword	Citation Number(s)
Dry cleaning solvents	0207 0250
Dust analysis	0017 0210 0248 0290 0308 0312 0603
Dust collectors	0180 0261 0529 0562
Dust control equipment	0033 0180 0213 0241 0243 0256 0261 0263 0331 0402 0403 0425 0476 0480 0529 0552 0562 0589
Dust counters	0210 0513
Dust exposure	0016 0017 0030 0033 0086 0109 0148 0174 0180 0198 0210 0241 0243 0248 0253 0263 0272 0274 0279 0290 0298 0307 0308 0312 0419 0420 0425 0495 0516 0529 0603 0617
Dust inhalation	0109 0180 0248 0263 0274 0279 0290 0298 0307 0419 0420 0479 0529 0603
Dust masks	0083
Dust measurement	0290 0308 0312 0328 0425 0476 0513 0552 0589 0603
Dust particles	0030 0148 0174 0180 0198 0248 0263 0272 0274 0290 0307 0308 0459 0476 0481 0513 0516 0529 0552 0558 0589 0603
Dust sampling	0290 0312 0328
Dyes	0020
Ear disorders	0320
Electric power transmission lines	0453
Electrical mobility	0236
Electrical safety	0053 0453
Electrical shock	0445 0453
Electrochemical analysis	0107 0162
Electrochemistry	0162
Electrocutions	0445 0453 0495
Electromagnetic fields	0647 0652
Electron spin resonance	0574
Electron radiation	0156 0211
Electronics industry	0250
Electroplaters	0648
Emergency equipment	0366 0503
Emergency responders	0007 0010 0040 0069 0130 0136 0195 0262 0270 0286 0305 0330 0366 0389 0390 0391 0392 0409 0445 0503 0515 0538 0619 0620 0621 0622 0623 0624 0625 0626 0629 0630 0631 0632 0633 0634 0635 0636 0637 0638 0639
Emission sources	0211 0213 0295 0342
Emotional stress	0171
Employee exposure	0043 0327
Endocrine system disorders	0594
Endotoxins	0074 0266 0603 0643 0656
Engineering controls	0024 0033 0070 0078 0098 0104 0109 0129 0131 0149 0180 0204 0208 0213 0219 0220 0221 0222 0241 0256 0261 0278 0289 0291 0292 0363 0368 0376 0380 0394 0395 0396 0398 0402 0403 0411 0423 0424 0425 0448 0449 0450 0461 0462 0463 0465 0468 0470 0477 0478 0483 0492 0501 0504 0511 0529 0536 0541 0546 0556 0557 0561 0562 0577 0578 0580 0582 0588 0593 0595 0596 0601 0602 0611 0612 0613 0614 0615 0616 0617 0648 0650 0653 0654 0655 0656
Environmental contamination	0018 0107 0116 0117 0155 0174 0266 0275 0530 0617
Environmental exposure	0018 0107 0116 0117 0141 0155 0174 0188 0266 0274 0313 0348 0530 0539 0574
Environmental factors	0107 0117 0125 0156 0188 0211 0212 0215 0229 0274 0295 0313

Keyword	Citation Number(s)
Environmental hazards	0018 0107 0116 0117 0141 0188 0274
Environmental health monitoring	0013 0014 0188 0226 0274
Environmental medicine	0018 0125 0226
Environmental pollution	0116 0117 0530
Environmental stress	0215
Enzyme activity	0336
Epidemiology	0075 0081 0087 0095 0148 0164 0189 0227 0248 0249 0251 0274 0292 0309 0313 0330 0351 0372 0419 0420 0421 0422 0426 0516 0539 0540 0547 0565 0594 0603
Equipment design	0077 0133 0145 0181 0244 0286 0566
Equipment operators	0138 0197 0258 0340 0452 0466 0566
Ergonomics	0064 0069 0104 0157 0193 0223 0228 0245 0255 0258 0276 0286 0302 0322 0338 0349 0363 0384 0407 0412 0484 0487 0597 0641 0650 0653 0654 0655 0657
Exhaust gases	0649 0651
Exhaust hoods	0613 0614
Exhaust ventilation	0213 0235 0400 0401 0613 0614
Explosion prevention	0120 0306 0397 0398 0505 0520 0576
Explosive atmospheres	0119 0120 0388 0505 0520
Explosive dusts	0120 0505
Explosive gases	0119 0388 0397 0398 0520
Exposure assessment	0003 0007 0015 0019 0021 0043 0081 0101 0108 0115 0119 0123 0149 0156 0161 0163 0183 0190 0191 0205 0207 0211 0212 0229 0235 0237 0249 0253 0258 0266 0295 0309 0311 0327 0354 0383 0543 0611 0612 0613 0614 0615 0616 0617
Exposure chambers	0209 0455
Exposure limits	0085 0253 0513 0552 0612 0617
Exposure methods	0021 0113 0115 0119 0190 0191 0209
Extended work periods	0052 0259
Extended cut mining	0590
Extension ladders	0133
Eye irritants	0656
Eye protection	0449 0450
Failure analysis	0368
Fall prevention	0133
Fall protection	0451 0644 0645 0646
Fast response	0236
Feeding study	0574
Fiber deposition	0081 0309
Fiberglass industry	0337
Fibrogenesis	0296 0564 0591
Fibrogenicity	0357 0522 0564 0575 0591 0606
Fibrosis	0196 0297
Fibrous bodies	0081 0196 0309 0334 0357 0370 0479 0564 0591 0606
Fibrous dusts	0118 0196 0246 0334 0337 0357 0370 0479 0522 0606 0611 0655
Fibrous glass	0337 0611 0612 0651 0655
Filter materials	0332
Filters	0180 0476 0529 0555 0589
Fire extinguishing systems	0078 0323 0585 0586 0587
Fire fighters	0007 0069 0105 0136 0389 0390 0391 0392 0445 0619 0620 0621 0622 0622 0623 0624 0625 0626 0627 0628 0629 0630 0631 0632 0633 0634 0635 0636 0637 0638 0639

X. Keyword Index

Keyword	Citation Number(s)
Fire fighting equipment	0069 0105 0445 0586 0620 0621 0622 0624 0627 0628 0632 0633
Fire hazards	0102 0105 0130 0323 0398 0445 0494 0585 0619 0624 0628
Fire protection	0102 0494
Fire resistant materials	0323 0585
Fire retardants	0079 0586 0587
Fire safety	0079 0105 0445 0619 0621 0622 0624 0627 0628 0632
First aid	0130 0262
Fishing industry	0058 0177 0178 0179 0184 0185
Flammable gases	0344 0345 0398
Flight personnel	0342
Fluorescence spectrometry	0563
Food additives	0055 0235 0373 0613 0614
Food contaminants	0174
Food processing workers	0149 0164 0235 0373 0484 0613 0614
Forestry workers	0047 0058 0184 0185 0421 0422
Foundry workers	0615
Fumes	0009 0084 0119 0307 0359 0455 0458 0530 0547 0583 0607 0648
Fumigants	0128
Fungal infections	0004 0034 0126 0194 0248 0274 0285 0502
Fungicides	0049 0051 0106 0126 0128 0206
Gait analysis	0046
Gas detectors	0342
Gas indicators	0517 0518
Gas industry	0082 0219
Gas liquid chromatography	0045
Gas sampling	0232
Gas welders	0607
Gases	0115 0119 0146 0339
Gene mutation	0374 0490
Genetic disorders	0490
Genetic factors	0012 0112 0127 0144 0187 0237 0279 0284 0284 0300 0300 0301 0307 0313 0374 0489 0570 0583 0604
Genotoxic effects	0020 0187 0237 0489 0490 0506 0522 0531
Genotoxicity	0144 0237 0522 0531
Geology	0098 0152 0203 0222 0492 0512 0519 0542 0546 0556 0582 0593
Germicides	0194
Gloves	0449 0450 0642
Glycols	0055
Gold mines	0429 0438
Ground stability	0070 0097 0186 0220 0221 0222 0462 0464 0467 0491 0511 0535 0546 0556 0557 0580 0588 0593 0595 0596
Groundskeeping workers	0421 0422
Growth factors	0574
HIV	0056 0057 0237 0390 0391
Hairdressers	0020
Hand injuries	0088 0182 0350 0598 0648 0650
Hand tools	0087 0091 0157 0202 0541 0601
Hazardous materials	0106 0294 0579
Hazardous waste cleanup	0074
Health care facilities	0035 0228 0413 0414 0484
Health care personnel	0035 0037 0040 0052 0092 0183 0195 0228 0251 0270 0365 0377

Keyword	Citation Number(s)
Health care personnel (cont.)	0389 0392 0413 0414 0449 0450 0484 0521 0526 0581
Health communication	0317
Health hazards	0008 0074 0075 0080 0106 0106 0116 0247 0270 0293 0294 0449 0450 0581
Health physicists	0538
Health programs	0226 0293
Health sciences	0080
Health standards	0226 0293 0538
Health surveys	0005 0008 0075 0080 0106 0183 0515 0538
Hearing conservation	0077 0135 0393 0454 0461 0477 0478 0495 0536 0561 0577 0602 0641 0648 0659
Hearing disorders	0006 0244 0257 0320 0454 0461 0477 0478 0498 0499 0536 0577 0602
Hearing impairment	0135 0320 0427 0429 0430 0431 0432 0433 0434 0435 0436 0438 0439 0440 0441 0442 0443 0444 0454 0461 0477 0478 0495 0498 0499 0536 0577 0602 0659
Hearing protection	0077 0244 0257 0367 0454 0641 0642 0642 0648 0648
Heat exposure	0184 0185 0641
Heat regulation	0208
Heat stress	0184 0185 0617 0641 0644 0645 0646
Heat stroke	0184 0185 0433 0434 0442 0443
Heating equipment	0208
Heavy metals	0107 0321 0616 0617 0648 0649
Hematology	0321
Hematopoietic system	0610
Hepatic microsomal enzymes	0029
Hepatitis	0056 0057 0389 0390 0391 0392
Hepatotoxicity	0161 0175
Herbicides	0128 0175 0277
Histochemical analysis	0218 0471 0472
Histopathology	0144 0154 0175 0233 0389 0392 0471
Hormone activity	0055
Hot environments	0184 0185
Humidity	0015 0184 0185 0656
Hydrocarbons	0009 0398
Hydroxy compounds	0170
Hypersensitivity	0006 0134 0660
Hypersensitivity pneumonitis	0419 0420
Hypertension	0006 0351 0351
Ignition sources	0397
Immune reaction	0013 0014 0034 0039 0127 0144 0154 0175 0187 0353 0360 0493
Immune system disorders	0004 0009 0034 0127 0154 0175 0249 0285 0369 0473 0493 0502 0549 0560 0573
Immunochemistry	0013 0014 0187 0472 0493
Immunologic disorders	0009 0034 0249 0307 0354
Immunological tests	0034 0360 0473 0573
Immunotoxins	0144 0154 0175 0354 0560
Impact noise	0477 0641 0648
Impulse noise	0320
In-vitro studies	0231 0254 0297 0551
In-vivo studies	0231 0254 0551
Indoor air pollution	0008 0115 0194 0199 0275 0658

X. Keyword Index

Keyword	Citation Number(s)
Indoor environmental quality	0008 0115 0146 0168 0194 0199 0275 0658
Industrial education	0129 0131 0291
Industrial engineering	0131 0179
Industrial exposures	0047 0086 0235 0614 0615
Industrial hygiene	0044 0378 0382
Industrial noise	0320
Industrial safety	0131
Infection control	0056 0057 0183 0192 0194 0268 0365 0387 0389 0392 0404 0405
Infectious diseases	0056 0057 0183 0183 0192 0194 0268 0270 0365 0377 0387 0392 0404 0405
Inflammation	0021
Information dissemination	0399
Information retrieval systems	0219 0275 0496
Inhalation studies	0026 0117 0134 0190 0191 0207 0209 0233 0248 0455 0458 0459 0479 0514 0527 0530 0547 0553 0564 0575 0583 0591 0603 0607
Injury prevention	0024 0035 0044 0064 0070 0097 0098 0099 0104 0131 0173 0177 0178 0193 0203 0204 0222 0223 0255 0322 0326 0368 0371 0376 0381 0384 0385 0386 0410 0412 0421 0422 0426 0448 0451 0452 0453 0463 0465 0474 0484 0492 0495 0497 0508 0509 0512 0528 0542 0546 0550 0566 0582 0618 0619 0620 0621 0622 0624 0627 0628 0632 0633 0637 0639 0653
Insecticides	0128 0344 0345
Insects	0280
Insulation workers	0023
Intestinal cells	0334
Ionizing radiation	0640
Irradiation	0281 0282
Irritant gases	0339
Irritants	0066 0521
Isocyanates	0036 0382
Job analysis	0076 0156 0211 0212 0229
Job stress	0413 0414
Joint translation	0046
Kidney disorders	0319
Kidney necrosis	0225
Knee protection	0407
Laboratory techniques	0015 0089 0190 0191 0216 0217 0218 0236 0282
Laboratory testing	0028 0030 0089 0094 0127 0142 0170 0208 0236 0243 0272 0279 0280 0298 0332 0362 0456 0527 0553
Laboratory workers	0163 0182
Landscape services workers	0421 0422
Law enforcement workers	0286
Lawn and garden equipment	0421 0422
Lead absorption	0101 0174
Lead compounds	0107 0161 0321 0615 0617 0649
Leukemogenesis	0333
Lifting	0193
Light source	0568 0569
Liquid chromatography	0045
Liver disorders	0183
Liver function	0029 0161

Keyword	Citation Number(s)
Liver microsomes	0029
Livestock industry	0138 0249
Long work hours	0052 0259
Longwall mining	0024 0151 0186 0222 0306 0323 0356 0388 0464 0465 0476 0500 0517 0518 0519 0546 0571 0576 0582 0585 0593 0605
Lost work days	0427 0428 0429 0430 0431 0432 0433 0434 0435 0436 0437 0438 0439 0440 0441 0442 0443 0444
Lumber industry workers	0083
Lung adenocarcinoma	0279
Lung burden	0141 0265 0274 0308 0311 0490 0544 0558 0559
Lung cancer	0019 0081 0163 0287 0309 0335 0355 0604
Lung disease	0023 0081 0112 0149 0198 0200 0201 0235 0287 0309 0335 0357 0358 0372 0373 0408 0419 0420 0427 0428 0433 0435 0436 0437 0442 0444 0522 0547 0583 0603 0604 0606 0607 0613 0614
Lung irritants	0009 0019 0081 0127 0141 0198 0248 0272 0273 0279 0280 0287 0298 0308 0309 0353 0357 0419 0420 0455 0458 0490 0522 0544 0547 0558 0559 0583 0603 0606 0607
Lymph nodes	0045
Lymphatic system disorders	0544
Machine operators	0099
Machine shop workers	0099 0615 0616
Magnetic fields	0329
Malignant neoplasms	0419 0420 0604
Mammalian cells	0144
Manual lifting	0228 0276 0377 0412 0650 0654 0657
Masons	0276 0400 0401
Materials handling	0024 0276 0412 0428 0429 0430 0431 0432 0433 0434 0435 0437 0438 0439 0440 0441 0442 0443 0444 0465 0650 0654 0657
Mathematical models	0009 0025 0028 0036 0042 0046 0061 0080 0081 0089 0091 0103 0111 0112 0118 0126 0150 0152 0162 0168 0171 0176 0182 0216 0217 0218 0242 0243 0246 0248 0252 0277 0287 0303 0304 0309 0310 0320 0329 0346 0350 0356 0447 0464 0475 0488
Measurement equipment	0168 0244 0329
Meat-packing industry	0653
Mechanical properties	0338
Mechanics	0659
Medical examinations	0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Medical monitoring	0156 0211 0212 0229 0295 0419 0420 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Medical personnel	0037 0092 0228 0281 0365 0526 0581
Menstrual disorders	0171 0526
Mental fatigue	0314 0343
Mental health	0171 0314 0330 0343
Mental processes	0042 0314
Mesothelial cells	0239 0355
Metabolic activation	0188
Metabolic disorders	0377
Metal compounds	0457 0459 0558 0608
Metal dusts	0339 0531 0558 0608 0615 0649
Metal fume fever	0459
Metal mining	0078 0327 0427 0429 0434 0436 0438 0443 0552
Metal oxides	0558 0608
Metal poisoning	0531 0558 0608

X. Keyword Index

Keyword	Citation Number(s)
Metal refining	0457
Metallic poisons	0107 0558 0608
Metalworking fluids	0045 0457 0647 0648 0660
Metalworking industry	0457 0660
Methane control	0151 0152 0388 0397 0500 0517 0518 0519 0520 0571 0584
Methane drainage	0151 0152 0388 0500 0519 0571
Microbial test systems	0190 0191
Microbiology	0048 0190 0191 0502 0549
Microorganisms	0048 0049 0073 0194 0206 0266 0281 0603 0643 0656
Microscopic analysis	0370 0502
Military personnel	0039
Milling industry	0311 0375 0579
Mine disasters	0160 0504 0596
Mine fires	0078 0102 0415 0494 0586 0587 0605
Mine gases	0119 0150 0232 0332
Mine rescue	0160 0415
Mine seals	0278 0380 0406
Mine shafts	0070 0097 0278 0462 0464 0491 0511 0557 0580 0588 0595 0596
Mineral dusts	0169 0243 0339
Mineral processing	0375 0578 0602
Miners	0031 0032 0033 0072 0119 0138 0159 0243 0278 0322 0363 0407 0410 0419 0420 0427 0428 0435 0436 0437 0444 0461 0463 0470 0478 0536 0561
Mining equipment	0031 0033 0078 0079 0159 0180 0241 0243 0256 0261 0323 0363 0398 0411 0423 0424 0425 0447 0461 0466 0477 0478 0520 0529 0536 0555 0561 0562 0566 0568 0569 0582 0585
Molds	0073 0199 0266 0274 0275 0643
Molecular biology	0140 0217 0218 0237 0239 0357 0522 0531 0592 0606
Molecular structure	0217 0218 0329 0357 0385 0386 0522 0531 0606
Monitoring systems	0027 0168 0180 0238 0324 0453 0462 0529 0566 0580 0584 0588 0589 0595
Morbidity rates	0016 0018 0183 0275 0375 0419 0420 0460
Mortality rates	0002 0016 0022 0023 0047 0053 0067 0068 0163 0172 0177 0178 0184 0185 0198 0200 0201 0219 0251 0330 0333 0419 0420 0460 0474 0509 0594
Mortality surveys	0053 0172 0198 0419 0420 0460
Motion studies	0193 0338
Motor vehicles	0219 0366 0371 0445 0452 0503 0633 0637 0639
Mucous membranes	0143 0514
Muscle physiology	0021 0143 0271
Muscle relaxants	0143
Muscle stress	0021 0271 0276
Muscular disorders	0650
Musculoskeletal system disorders	0052 0059 0087 0090 0104 0182 0193 0197 0228 0255 0258 0259 0276 0322 0338 0349 0377 0384 0407 0412 0495 0597 0641 0650 0653 0654 0657
Musicians	0498 0499 0499
Mutagenicity	0237
Mycotoxins	0660
Myosin heavy chain	0021
Nasal disorders	0105 0514
Natural gas	0219
Neck injuries	0197

Keyword	Citation Number(s)
Needlestick injuries	0040 0195 0377 0389 0392
Nephrological disorders	0161 0319
Nerve fibers	0214
Nerve function	0091 0094 0161
Nervous system disorders	0094 0524 0525
Nervous system function	0161 0231 0551
Neurological reactions	0091 0094 0164 0214 0215 0523 0524 0525 0642 0652
Neurological system	0091 0094 0164 0214 0214 0231 0551 0612 0652
Neuromotor function	0642
Neuromotor system	0214
Neuropathology	0170 0234 0471 0545 0554
Neuropharmacology	0234 0554
Neurophysiology	0214 0231 0234 0524 0525 0545 0551 0554
Neurotoxic effects	0094 0170 0234 0250 0471 0554
Neurotransmitters	0214 0231 0234 0234 0545 0551 0554 0554
Neutron radiation	0156 0211 0212 0229 0295
Nickel compounds	0617
Noise analysis	0611
Noise control	0423 0424 0470 0477 0578
Noise exposure	0031 0050 0135 0159 0320 0367 0461 0478 0498 0499 0536 0561 0577 0602 0648 0659
Noise induced hearing loss	0031 0135 0159 0320 0393 0423 0424 0454 0461 0469 0470 0477 0478 0498 0499 0536 0577 0602 0648 0659
Noise measurement	0050 0159 0320
Noise propagation	0477
Noise protection	0159 0367 0454
Noise transmission	0159
Nonionizing radiation	0652
Nonmetal mining	0078 0427 0430 0434 0435 0436 0439 0443 0444 0552
Nuclear energy	0043 0155 0156 0211 0212 0229 0230 0295
Nuclear engineering	0163
Nuclear hazards	0155 0163 0230 0333
Nuclear power plants	0333
Nuclear properties	0062 0155 0230
Nuclear radiation	0002 0043 0156 0211 0212 0229 0295 0333
Nuclear reactors	0163
Nurses	0228 0365 0377 0526 0581
Nutrition	0215 0574
Occupational accidents	0063 0129 0131 0219 0368
Occupational diseases	0022 0036 0047 0149 0198 0199 0273 0288 0339 0372 0419 0420
Occupational exposure	0016 0019 0022 0036 0040 0041 0043 0047 0051 0077 0085 0106 0113 0130 0147 0149 0155 0156 0172 0183 0192 0195 0196 0197 0198 0198 0200 0201 0205 0207 0211 0212 0226 0229 0230 0258 0262 0270 0273 0273 0288 0295 0322 0327 0330 0333 0334 0339 0372 0385 0386 0419 0420 0460 0474 0509 0530 0539 0543 0558 0572 0608
Occupational hazards	0051 0114 0119 0172 0293 0294 0316 0322 0372 0385 0386 0460 0474 0509
Occupational health programs	0129 0226 0316 0322 0617
Occupational medicine programs	0226 0316
Occupational psychology	0293 0330
Occupational respiratory disease	0051 0198 0419 0420 0530

X. Keyword Index

Keyword	Citation Number(s)
Occupational safety programs	0114 0129 0131 0177 0178 0183 0270 0316 0317 0322 0368 0385 0386 0426 0617
Occupational sociology	0114 0293 0316
Oil industry	0219 0451 0452
Oil refinery workers	0219
Oncogenic agents	0062
Oncogenicity	0062 0539
Organic compounds	0115 0134 0146 0238 0342 0574 0655
Organic dusts	0249 0339 0655
Organic pigments	0020
Organic solvents	0339 0642
Organic vapors	0020 0115 0146 0339 0642
Organo phosphorus pesticides	0128
Organs	0043
Osteogenesis	0579
Oxidative enzymes	0065 0482
Oxidative metabolism	0017 0060 0061 0065 0148 0298 0479 0482 0516 0564
Oxidative processes	0060 0065 0148 0298 0482 0516
Pain tolerance	0171
Paint spraying	0036 0083
Painters	0085 0321
Paper manufacturing industry	0084
Paramedical services	0007 0040 0136 0390 0391 0392
Particle aerodynamics	0009 0017 0025 0030 0148 0162 0190 0191 0210 0213 0232 0233 0236 0246 0248 0263 0290 0311 0331 0332 0337 0485 0516 0522 0527 0544 0553 0608
Particle counters	0118 0162 0169 0236 0248 0312 0394 0395 0396
Particulate dust	0017 0100 0118 0148 0190 0191 0210 0232 0233 0240 0243 0248 0253 0263 0272 0279 0290 0296 0298 0308 0332 0337 0459 0476 0481 0485 0513 0516 0522 0527 0530 0544 0549 0552 0553 0560 0564 0567 0575 0589 0591 0608 0655
Particulate sampling methods	0017 0162 0190 0191 0232 0236 0243 0312 0332 0544
Pathogenicity	0183 0357 0522 0531 0606 0608
Pathogens	0357 0522 0531 0606
Pathology	0372
Pathomorphology	0357 0522 0531 0606
Performance capability	0093 0138
Peripheral nervous system	0164
Personal protective equipment	0073 0077 0085 0086 0145 0257 0264 0267 0268 0289 0290 0326 0362 0367 0382 0390 0391 0402 0403 0407 0409 0415 0417 0418 0449 0450 0454 0503 0559 0624 0628 0641 0642 0647 0648 0651
Personality traits	0093
Pest control	0344 0345 0456
Pesticides	0106 0110 0128 0344 0345 0456 0565
Phagocytic activity	0563
Pharmacodynamics	0280
Phosphorous compounds	0137
Physical chemistry	0591
Physical fitness	0061 0538 0621 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Physical properties	0385 0386
Physical stress	0182 0625 0626 0629 0630 0634 0635 0636 0638
Physiological chemistry	0139 0311

Keyword	Citation Number(s)
Physiological factors	0021 0161 0350
Physiological response	0021 0139 0350
Physiological stress	0010 0108 0350
Phytogenic additive	0574
Pigeon breeders disease	0658
Pigments	0020 0148 0516
Pilots	0352
Plastic products	0086 0342
Plastics	0611 0612
Plastics industry	0086
Plethysmography	0265
Pleural cavity	0334
Pneumatic tools	0202 0541 0601
Pneumoconiosis	0198 0419 0420 0427 0428 0433 0435 0436 0437 0442 0444
Poison control	0174
Poisons	0106
Police officers	0007 0010 0061 0136 0286 0305 0330 0343 0389 0390 0391 0392 0515 0538 0637
Pollutants	0117
Polychlorinated biphenyls	0594
Polycyclic aromatic hydrocarbons	0041 0137
Polyurethane foams	0020
Postal employees	0658
Posture	0132 0157 0182 0193 0197 0245 0258 0322
Pottery industry	0655
Poultry industry	0192 0387 0404 0405 0653
Poultry workers	0192 0249 0387 0404 0405 0653
Power tools	0087 0089 0090 0400 0401 0487
Pregnancy	0581
Prenatal exposure	0101
Preventive medicine	0056 0057
Prison workers	0617
Prophylaxis	0056 0057
Protective clothing	0069 0289 0382 0390 0391 0409 0449 0450 0621 0628
Protective equipment	0036 0077 0145 0181 0244 0257 0264 0289 0290 0326 0362 0366 0382 0390 0391 0402 0403 0407 0409 0415 0417 0418 0449 0450 0454 0503 0559 0621 0628 0641 0647
Protein chemistry	0282
Psychological effects	0010 0076 0093 0227 0314 0340 0343 0347 0377 0413 0414
Psychological reactions	0010 0042 0093 0314 0330 0340 0343 0347 0377
Psychological responses	0005 0042 0076 0093 0314 0340 0347
Psychological stress	0005 0010 0095 0314 0330 0343 0413 0414 0532
Psychological testing	0076 0093 0314
Public health	0037 0056 0057 0117 0189 0226 0260 0275 0426
Pulmonary cancer	0030 0163 0570 0604
Pulmonary congestion	0141 0253 0273 0274 0279 0298 0308 0315
Pulmonary disorders	0009 0030 0134 0141 0142 0163 0198 0224 0233 0253 0272 0273 0308 0365 0419 0420 0455 0458 0459 0514 0530 0544 0547 0549 0553 0558 0560 0563 0564 0567 0575 0583 0591 0603
Pulmonary function	0030 0142 0224 0274 0279 0298 0315 0353 0419 0420 0514 0540 0553 0660
Pulmonary system disorders	0019 0030 0036 0051 0109 0112 0121 0127 0134 0141 0142 0149 0163 0172 0198 0200 0201 0224 0233 0253 0272 0273 0279 0296

X. Keyword Index

Keyword	Citation Number(s)
Pulmonary system disorders (cont.)	0297 0298 0308 0339 0355 0357 0358 0365 0372 0383 0387 0400 0401 0404 0405 0408 0419 0420 0427 0428 0433 0435 0436 0437 0442 0444 0455 0458 0459 0479 0490 0495 0514 0522 0530 0531 0544 0547 0549 0553 0558 0559 0560 0563 0564 0567 0575 0583 0591 0603 0604 0606 0644 0645 0646 0658 0660
Pulp industry	0084
Qualitative analysis	0004 0208 0246 0329 0332 0350
Quality control	0048 0208 0246
Quality standards	0048 0378
Quantitative analysis	0016 0036 0110 0115 0146 0320 0348 0471 0485 0493 0545
Quarry workers	0031 0469 0537
Quartz dust	0109 0121 0141 0198 0308 0400 0401 0417 0644 0645 0646
Questionnaires	0004 0040 0059 0082 0083 0084 0110 0195 0249 0275 0314 0343
ROPS prevalence	0181
Racial factors	0006 0022 0047 0067 0068 0174 0184 0185 0301 0318 0351 0419 0420 0550 0565
Radiation contamination	0155 0230
Radiation hazards	0002 0155 0230 0300 0333
Radiation measurement	0043 0155 0156 0211 0212 0229 0295 0300
Radiation properties	0002 0043 0155 0230 0333
Radio waves	0652
Radioactive contamination	0163
Radioactive materials	0007
Radiographic analysis	0334 0416
Railroad industry	0104
Reaction rates	0143 0527
Refractory metals	0655
Reinforced plastics	0611
Relative humidity	0656
Repetitive work	0349 0412 0641 0650 0653 0654 0657
Reproductive hazards	0003 0055 0456
Reproductive system disorders	0003 0055 0286 0456
Rescue workers	0130 0262
Respirable dust	0033 0086 0100 0121 0180 0200 0201 0240 0241 0242 0243 0263 0296 0311 0332 0337 0400 0401 0417 0425 0483 0527 0529 0544 0644 0645 0646 0655
Respirators	0073 0074 0082 0083 0084 0085 0086 0145 0264 0266 0267 0269 0362 0415 0417 0418 0449 0450 0642 0648 0655
Respiratory equipment	0082 0085 0086 0145 0176 0263 0269 0331 0362
Respiratory function tests	0105 0269 0273 0362 0473 0514 0553 0573
Respiratory irritants	0004 0009 0030 0051 0105 0117 0130 0134 0163 0172 0198 0248 0262 0269 0272 0273 0280 0311 0315 0337 0362 0455 0459 0473 0514 0530 0544 0549 0553 0558 0560 0563 0564 0567 0573 0575 0591 0647 0651 0656
Respiratory protection	0082 0083 0149 0176 0264 0267 0268 0269 0362 0382 0402 0403
Respiratory protective equipment	0073 0083 0084 0085 0086 0145 0176 0264 0266 0267 0268 0269 0362 0382 0402 0403 0409 0415 0417 0418 0449 0450 0642 0648 0651 0655
Retinal disorders	0101
Rheumatoid disorders	0579
Risk analysis	0002 0006 0008 0044 0055 0058 0063 0066 0074 0080 0099 0107 0110 0113 0118 0132 0134 0142 0150 0173 0176 0198 0252 0257

Keyword	Citation Number(s)
Risk analysis (cont.)	0263 0269 0300 0301 0311 0322 0326 0330 0331 0343 0346 0378 0384 0448 0473 0515 0526 0535 0538 0581
Road construction	0321
Road surfacing	0009
Rock falls	0098 0203 0221 0222 0492 0512 0542 0546
Rock mechanics	0098 0203 0221 0222 0492 0512 0542 0546 0556 0582 0593
Roofers	0474
Room and pillar mining	0097 0098 0491 0492 0500
Rubber manufacturing industry	0086
Rubber workers	0086
SRBC	0009
Safety belts	0219 0451
Safety climate	0347
Safety education	0032 0042 0053 0129 0150 0173 0179 0195 0257 0291 0340 0347 0368 0618 0619 0622
Safety engineering	0129 0150 0179 0204 0290 0291 0368
Safety equipment	0079 0177 0178 0179 0195 0302 0326
Safety monitoring	0080 0347 0474 0509 0618
Safety practices	0053 0114 0119 0150 0152 0173 0195 0257 0266 0316 0340 0347 0385 0386 0451 0452 0497 0550 0618 0619 0620 0622 0633
Sample preparation	0001 0048 0137 0364 0507
Sampling equipment	0036 0169 0180 0324 0328 0529 0589
Sampling methods	0001 0017 0036 0041 0048 0115 0137 0146 0169 0180 0190 0191 0206 0238 0324 0332 0364 0529
Sand and gravel mines	0031 0427 0432 0434 0435 0436 0441 0443 0444 0469
Sand blasting	0558
Sanitation	0082 0281
Sawmill workers	0083
Scaffolds	0132 0368
Scrubbers	0590
Sealing compounds	0323 0585
Self contained breathing apparatus	0160 0415
Sensitization	0008 0134 0311 0457
Sensory disorders	0244
Sex factors	0061 0092 0225 0330 0419 0420 0565
Shift workers	0052 0330 0413 0414 0526
Shipbuilding industry	0023
Shoe manufacturing	0609
Silica dusts	0022 0083 0084 0109 0121 0180 0198 0201 0241 0242 0249 0372 0400 0401 0417 0419 0420 0460 0481 0495 0529 0558 0644 0645 0646 0655
Silicate miners	0460
Silicosis	0022 0198 0201 0308 0372 0419 0420 0427 0431 0436 0440 0481 0495 0644 0645 0646
Simulation methods	0027 0363 0466 0519 0534
Skeletal movement	0046 0132 0475
Skeletal system disorders	0006 0132 0592
Skin absorption	0009 0036 0065 0103 0342 0457 0482 0485 0488
Skin disorders	0066 0485 0488 0608 0660
Skin exposure	0036 0036 0065 0066 0299 0342 0457 0482 0485 0488 0521 0642
Skin irritants	0036 0065 0066 0103 0299 0457 0482 0485 0488 0521 0647 0651 0656 0660

X. Keyword Index

Keyword	Citation Number(s)
Skin sensitivity	0009 0036 0065 0066 0066 0103 0299 0457 0482 0488 0521
Slaughterhouses	0164 0249
Sleep disorders	0060 0303 0304 0305 0330
Smelting	0009
Smoking	0076 0300 0301 0339
Sociological factors	0005 0257 0314 0351
Sociology	0005
Solvent vapors	0123 0207 0250 0339 0651
Solvents	0083 0084 0123 0207 0250 0339 0610 0642 0651
Sound	0367
Sound attenuation	0470 0478 0536 0561 0578
Spectrographic analysis	0045 0124 0125
Spinal cord	0164
Spirometry	0028 0540
Spontaneous combustion	0306 0356 0576 0605
Sprays	0126
Stains	0124 0125
Stakeholders	0495
Statistical quality control	0168 0224 0246 0304
Stone mines	0098 0427 0431 0434 0435 0436 0440 0443 0444 0462 0469 0470 0481 0491 0492
Stone processing	0109 0469
Stress	0010 0060 0061 0095 0130 0215 0262 0283 0314 0330 0545
Stretch shortening contractions	0021
Structural analysis	0186 0624
Styrenes	0611 0612
Substance abuse	0214 0413 0414
Sulfates	0656
Sunscreening agents	0148 0516
Surface mining	0031 0078 0241 0242 0261 0427 0428 0435 0436 0437 0444 0447 0469 0562
Surface properties	0027 0041
Surveillance programs	0067 0068 0114 0184 0185 0199 0289 0292 0316 0321 0365 0372 0419 0420 0426 0497 0508 0550
Temperature effects	0039 0108
Therapeutic agents	0158 0355 0493
Thorax	0028 0169
Thyroid gland disorders	0348
Time weighted average exposure	0043 0051 0207 0224 0608
Tissue culture	0471
Tissue disorders	0350
Tobacco smoke	0227 0339
Toluidines	0020
Tools	0157 0202 0541 0601
Toxic effects	0017 0055 0066 0161 0240 0247 0272 0315 0348 0488 0558 0592 0608
Toxic gases	0119
Toxic materials	0315
Toxic vapors	0134 0558 0608
Toxicology	0003 0045 0055 0108 0113 0170 0209 0240 0315 0348
Toxicopathology	0003 0108 0113 0172 0348 0558 0608

Keyword	Citation Number(s)
Tractor overturn fatalities	0181
Transportation workers	0063 0533
Traumatic injuries	0063 0067 0068 0219 0320 0326 0376 0421 0422 0453 0474 0495 0509 0618 0619 0620 0622 0624 0627 0628 0632 0633 0637 0639
Truck drivers	0063 0452 0470 0537
Tuberculosis	0419 0420
Tumor inhibition	0062 0486
Tumorigenesis	0112 0486 0607
Tungsten compounds	0205 0543
Ultrasound	0171
Ultraviolet light	0194
Ultraviolet radiation	0281 0570
Underground miners	0033 0072 0328 0363 0379 0383 0407 0427 0428 0435 0436 0437 0444 0461 0469 0477 0478 0536 0561 0577
Uranium compounds	0163
Urinalysis	0007 0126
Urogenital system disorders	0286
Uterus	0171
Vapors	0009 0036 0084 0134 0224 0339 0455 0458 0547 0611 0612 0614
Ventilation	0100 0151 0208 0213 0306 0380 0382 0397 0398 0501 0520 0555 0576 0605 0611 0614 0627 0647 0648 0651 0658
Ventilation equipment	0208 0213 0235 0613 0614
Veterinarians	0387 0404 0405
Veterinary medicine	0260 0387 0404 0405
Vibration	0088 0089 0197 0202 0258 0259 0338 0341 0350 0487 0523 0524 0525 0537 0541 0601
Vibration disease	0090 0523 0524 0525
Vibration effects	0087 0088 0090 0091 0202 0258 0259 0338 0350 0523 0524 0525 0541 0601
Vibration exposure	0087 0088 0090 0091 0197 0202 0258 0258 0259 0338 0341 0350 0487 0523 0524 0525 0541 0601
Vinyl plastics	0115
Viral diseases	0056 0057 0192 0194 0268 0387 0404 0405
Vision disorders	0101
Visual perception	0568 0569
Volatiles	0134 0238 0655
Volumetric analysis	0208
Warning systems	0053 0079
Weight factors	0061 0215 0293 0351 0540
Weight measurement	0061 0293 0540
Welders lung	0455 0459 0607
Welding fumes	0153
Welding industry	0147 0459
Whole body vibration	0197 0258
Woodworkers	0083 0253
Woodworking industry	0083 0253 0650
Work environment	0166
Work schedule tolerance	0052 0259
Work practices	0002 0036 0040 0047 0052 0059 0075 0082 0084 0086 0104 0106 0129 0131 0133 0159 0177 0178 0179 0189 0196 0243 0257 0259 0291 0327 0338 0347 0368 0383 0394 0395 0396 0400 0401 0426

X. Keyword Index

Keyword	Citation Number(s)
Work practices (cont.)	0460 0532 0541 0588 0595 0596 0601 0615 0616 0618 0622 0633 0640
Worker health	0002 0005 0022 0052 0058 0075 0077 0081 0085 0106 0126 0134 0149 0172 0183 0189 0224 0257 0259 0273 0277 0288 0293 0309 0347 0385 0386 0426 0460
Workplace studies	0002 0005 0040 0047 0075 0076 0077 0081 0082 0086 0106 0106 0113 0114 0118 0119 0131 0132 0133 0134 0150 0169 0172 0173 0176 0189 0202 0213 0224 0227 0243 0257 0258 0293 0309 0312 0330 0340 0347 0363 0460 0507 0515 0526 0538 0541 0579 0581 0601
X-ray absorption	0640
X-ray analysis	0156 0211 0212 0229 0295 0416
Zoonoses	0192 0387 0404 0405

XI. NATIONAL OCCUPATIONAL RESEARCH AGENDA (NORA) INDEX

Topic	Citation Number(s)
Disease and Injury	
Infectious Diseases	0195
Other Occupational Concerns	
Manufacturing	0003 0007 0015 0017 0018 0019 0025 0026 0029 0030 0045 0062 0077 0080 0081 0094 0100 0103 0109 0111 0112 0118 0127 0134 0139 0140 0141 0142 0143 0148 0156 0158 0162 0174 0176 0190 0191 0196 0205 0207 0209 0210 0213 0233 0234 0235 0236 0239 0240 0244 0247 0250 0251 0252 0253 0254 0272 0279 0280 0282 0286 0288 0289 0292 0296 0297 0298 0300 0308 0309 0311 0333 0335 0336 0337 0338 0347 0353 0354 0355 0359 0378 0385 0386 0394 0395 0396 0455 0456 0458 0459 0479 0485 0486 0488 0490 0493 0498 0499 0516 0522 0523 0524 0525 0527 0539 0543 0544 0547 0549 0551 0553 0554 0558 0560 0563 0564 0567 0570 0575 0591 0592 0603 0607 0608 0611 0612 0614 0615 0616
Agriculture, Forestry and Fishing	0005 0006 0029 0051 0059 0106 0110 0123 0126 0128 0131 0132 0171 0173 0177 0178 0179 0181 0192 0204 0277 0302 0313 0344 0345 0368 0456 0497 0508 0550 0565
Healthcare and Social Assistance	0008 0013 0014 0039 0065 0101 0253 0321 0325 0348 0389 0390 0391 0392 0413 0414 0449 0450 0457 0473 0482 0484 0521 0526 0539 0581
Services	0008 0010 0060 0061 0065 0069 0103 0108 0115 0124 0125 0146 0214 0215 0231 0238 0248 0274 0285 0293 0303 0304 0305 0314 0320 0321 0330 0342 0348 0364 0366 0389 0390 0391 0392 0421 0422 0445 0457 0471 0472 0482 0503 0515 0521 0538 0545 0551 0619 0620 0621 0622 0623 0624 0625 0626 0627 0628 0629 0630 0631 0632 0633 0634 0635 0636 0637 0638 0639
Mining	0019 0031 0032 0053 0062 0070 0072 0078 0079 0081 0097 0098 0102 0109 0116 0117 0120 0121 0135 0151 0152 0159 0160 0167 0180 0186 0203 0204 0219 0221 0222 0232 0241 0242 0257 0278 0294 0306 0309 0323 0328 0329 0356 0370 0372 0375 0380 0381 0388 0393 0407 0408 0423 0424 0425 0427 0428 0429 0430 0431 0432 0433 0434 0435 0436 0437 0438 0439 0440 0441 0442 0443 0444 0453 0454 0461 0462 0464 0465 0466 0467 0469 0470 0476 0477 0478 0480 0481 0483 0491 0492 0494 0496 0500 0501 0504 0505 0510 0511 0512 0513 0517 0518 0519 0529 0530 0533 0534 0535 0536 0537 0542 0546 0548 0552 0555 0556 0557 0561 0566 0568 0569 0571 0576 0577 0578 0580 0582 0584 0585 0586 0587 0588 0589 0590 0593 0595 0596 0602 0605
Transportation, Warehousing and Utilities	0063 0067 0068 0206 0208 0301 0310 0338 0530
Wholesale and Retail Trade	0067 0068
Public Safety	0069 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
All Sectors	0081 0309
Construction	0082 0083 0084 0085 0086 0093 0118 0121 0131 0132 0133 0173 0176 0302 0353 0354 0359 0368 0400 0401 0402 0403 0458 0459 0474 0495 0498 0499 0509 0528 0598 0599 0600 0607 0618
Oil and Gas Extraction	0219



*Delivering on the Nation's promise:
Safety and health at work for all people
through research and prevention*

To receive NIOSH documents or more information about occupational safety and health topics, contact NIOSH at

1-800-CDC-INFO (1-800-232-4636)

TTY: 1-888-232-6348

E-mail: cdcinfo@cdc.gov

or visit the NIOSH Web site at www.cdc.gov/niosh

For a monthly update on news at NIOSH, subscribe to *NIOSH eNews* by visiting www.cdc.gov/niosh/eNews.

DHHS (NIOSH) Publication No. 2009-129

SAFER • HEALTHIER • PEOPLE™