

# Richard L Neitzel

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127  
papers

2,512  
citations

30  
h-index

44  
g-index

136  
ext. papers

3,010  
ext. citations

3.7  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
127	Environmental noise pollution in the United States: developing an effective public health response. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 115-9	8.4	164
126	An assessment of occupational noise exposures in four construction trades. <i>AIHA Journal</i> , <b>1999</b> , 60, 807-17		88
125	A review of crane safety in the construction industry. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2001</b> , 16, 1106-17		83
124	Integrated assessment of artisanal and small-scale gold mining in Ghana--part 1: human health review. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 5143-76	4.6	81
123	The effectiveness of hearing protection among construction workers. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2005</b> , 2, 227-38	2.9	79
122	Prospective noise induced changes to hearing among construction industry apprentices. <i>Occupational and Environmental Medicine</i> , <b>2005</b> , 62, 309-17	2.1	75
121	Multiple elemental exposures amongst workers at the Agbogbloshie electronic waste (e-waste) site in Ghana. <i>Chemosphere</i> , <b>2016</b> , 164, 68-74	8.4	69
120	10-Year prospective study of noise exposure and hearing damage among construction workers. <i>Occupational and Environmental Medicine</i> , <b>2012</b> , 69, 643-50	2.1	59
119	Association between ambient noise exposure, hearing acuity, and risk of acute occupational injury. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2015</b> , 41, 75-83	4.3	50
118	Heart Rate, Stress, and Occupational Noise Exposure among Electronic Waste Recycling Workers. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	48
117	Pilot survey of subway and bus stop noise levels. <i>Journal of Urban Health</i> , <b>2006</b> , 83, 802-12	5.8	45
116	Street-level noise in an urban setting: assessment and contribution to personal exposure. <i>Environmental Health</i> , <b>2015</b> , 14, 18	6	44
115	Contributions of non-occupational activities to total noise exposure of construction workers. <i>Annals of Occupational Hygiene</i> , <b>2004</b> , 48, 463-73		43
114	Noise levels associated with New York City's mass transit systems. <i>American Journal of Public Health</i> , <b>2009</b> , 99, 1393-9	5.1	42
113	Exposures to transit and other sources of noise among New York City residents. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 500-8	10.3	41
112	Spatial variation in environmental noise and air pollution in New York City. <i>Journal of Urban Health</i> , <b>2014</b> , 91, 415-31	5.8	40
111	Health seeking behaviours among electronic waste workers in Ghana. <i>BMC Public Health</i> , <b>2015</b> , 15, 1065	4.1	40

110	Predictors of hearing threshold levels and distortion product otoacoustic emissions among noise exposed young adults. <i>Occupational and Environmental Medicine</i> , <b>2004</b> , 61, 899-907	2.1	39
109	Occupational health and safety experience of day laborers in Seattle, WA. <i>American Journal of Industrial Medicine</i> , <b>2008</b> , 51, 399-406	2.7	37
108	Nonoccupational noise: exposures associated with routine activities. <i>Journal of the Acoustical Society of America</i> , <b>2004</b> , 115, 237-45	2.2	37
107	Indicators of hearing protection use: self-report and researcher observation. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2009</b> , 6, 639-47	2.9	35
106	Task-based assessment of occupational vibration and noise exposures in forestry workers. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , <b>2002</b> , 63, 617-27		35
105	Valuing Quiet: An Economic Assessment of U.S. Environmental Noise as a Cardiovascular Health Hazard. <i>American Journal of Preventive Medicine</i> , <b>2015</b> , 49, 345-53	6.1	34
104	Methods for evaluating temporal trends in noise exposure. <i>International Journal of Audiology</i> , <b>2014</b> , 53 Suppl 2, S76-83	2.6	33
103	Predictors of hearing protection use in construction workers. <i>Annals of Occupational Hygiene</i> , <b>2009</b> , 53, 605-15		33
102	Comparison of perceived and quantitative measures of occupational noise exposure. <i>Annals of Occupational Hygiene</i> , <b>2009</b> , 53, 41-54		33
101	Noise exposures aboard catcher/processor fishing vessels. <i>American Journal of Industrial Medicine</i> , <b>2006</b> , 49, 624-33	2.7	32
100	Variability of real-world hearing protector attenuation measurements. <i>Annals of Occupational Hygiene</i> , <b>2006</b> , 50, 679-91		32
99	Economic Impact of Hearing Loss and Reduction of Noise-Induced Hearing Loss in the United States. <i>Journal of Speech, Language, and Hearing Research</i> , <b>2017</b> , 60, 182-189	2.8	31
98	Stress, health, noise exposures, and injuries among electronic waste recycling workers in Ghana. <i>Journal of Occupational Medicine and Toxicology</i> , <b>2019</b> , 14, 1	2.7	31
97	Mercury Levels in Human Hair and Farmed Fish near Artisanal and Small-Scale Gold Mining Communities in the Madre de Dios River Basin, Peru. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	30
96	A comparison of "Train-the-Trainer" and expert training modalities for hearing protection use in construction. <i>American Journal of Industrial Medicine</i> , <b>2008</b> , 51, 130-7	2.7	30
95	Alternative metrics for noise exposure among construction workers. <i>Annals of Occupational Hygiene</i> , <b>2005</b> , 49, 493-502		30
94	Estimation of permanent noise-induced hearing loss in an urban setting. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 6393-9	10.3	29
93	Evaluation and comparison of three exposure assessment techniques. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2011</b> , 8, 310-23	2.9	29

92	Improving the accuracy of smart devices to measure noise exposure. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2016</b> , 13, 840-6	2.9	29
91	Biological monitoring of smoke exposure among wildland firefighters: a pilot study comparing urinary methoxyphenols with personal exposures to carbon monoxide, particular matter, and levoglucosan. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2009</b> , 19, 349-58	6.7	28
90	A multi-component intervention to promote hearing protector use among construction workers. <i>International Journal of Audiology</i> , <b>2011</b> , 50 Suppl 1, S46-56	2.6	27
89	Longitudinal assessment of noise exposure in a cohort of construction workers. <i>Annals of Occupational Hygiene</i> , <b>2011</b> , 55, 906-16		27
88	Accuracy of task recall for epidemiological exposure assessment to construction noise. <i>Occupational and Environmental Medicine</i> , <b>2004</b> , 61, 135-42	2.1	27
87	The Association between Noise, Cortisol and Heart Rate in a Small-Scale Gold Mining Community-A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 9952-66	4.6	26
86	Analysis of e-waste recycling behavior based on survey at a Midwestern US University. <i>Waste Management</i> , <b>2020</b> , 105, 119-127	8.6	25
85	Risk of noise-induced hearing loss due to recreational sound: Review and recommendations. <i>Journal of the Acoustical Society of America</i> , <b>2019</b> , 146, 3911	2.2	24
84	Occupational noise exposure and risk of hypertension in an industrial workforce. <i>American Journal of Industrial Medicine</i> , <b>2017</b> , 60, 1031-1038	2.7	22
83	A comparison of occupational and nonoccupational noise exposures in Sweden. <i>Noise and Health</i> , <b>2014</b> , 16, 270-8	0.9	22
82	Development and pilot test of hearing conservation training for construction workers. <i>American Journal of Industrial Medicine</i> , <b>2008</b> , 51, 120-9	2.7	22
81	Injury Risk Factors in a Small-Scale Gold Mining Community in Ghana's Upper East Region. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 8744-61	4.6	20
80	Exposure to fall hazards and safety climate in the aircraft maintenance industry. <i>Journal of Safety Research</i> , <b>2008</b> , 39, 391-402	4	18
79	Noise exposure limit for children in recreational settings: Review of available evidence. <i>Journal of the Acoustical Society of America</i> , <b>2019</b> , 146, 3922	2.2	18
78	Does tinnitus, hearing asymmetry, or hearing loss predispose to occupational injury risk?. <i>International Journal of Audiology</i> , <b>2015</b> , 54 Suppl 1, S30-6	2.6	17
77	Patterns and trends in OSHA occupational noise exposure measurements from 1979 to 2013. <i>Occupational and Environmental Medicine</i> , <b>2019</b> , 76, 118-124	2.1	17
76	Development and application of a novel method to characterize methylmercury exposure in newborns using dried blood spots. <i>Environmental Research</i> , <b>2017</b> , 159, 276-282	7.9	16
75	Exposure to Power-Frequency Magnetic Fields and the Risk of Infertility and Adverse Pregnancy Outcomes: Update on the Human Evidence and Recommendations for Future Study Designs. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2016</b> , 19, 29-45	8.6	16

74	Injury Risk and Noise Exposure in Firefighter Training Operations. <i>Annals of Occupational Hygiene</i> , <b>2016</b> , 60, 405-20		15
73	Awareness, riding behaviors, and legislative attitudes toward electric bikes among two types of road users: An investigation in Tianjin, a municipality in China. <i>Traffic Injury Prevention</i> , <b>2019</b> , 20, 72-78	1.8	15
72	Assessing the direct occupational and public health impacts of solar radiation management with stratospheric aerosols. <i>Environmental Health</i> , <b>2016</b> , 15, 7	6	14
71	What can 35 years and over 700,000 measurements tell us about noise exposure in the mining industry?. <i>International Journal of Audiology</i> , <b>2017</b> , 56, 4-12	2.6	14
70	Impacts of COVID-19-related social distancing measures on personal environmental sound exposures. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 104094	6.2	14
69	Vestibular dysfunction in the adult CBA/CaJ mouse after lead and cadmium treatment. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 869-876	4.2	13
68	The dose-response relationship between in-ear occupational noise exposure and hearing loss. <i>Occupational and Environmental Medicine</i> , <b>2013</b> , 70, 716-21	2.1	13
67	Health Assessment of Electronic Waste Workers in Chile: Participant Characterization. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	12
66	A Review of Biomarkers Used for Assessing Human Exposure to Metals from E-Waste. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	12
65	Safety and health hazard observations in Hmong farming operations. <i>Journal of Agromedicine</i> , <b>2014</b> , 19, 130-49	1.9	12
64	Pilot task-based assessment of noise levels among firefighters. <i>International Journal of Industrial Ergonomics</i> , <b>2013</b> , 43, 479-486	2.9	12
63	A mixed-methods evaluation of health and safety hazards at a scrap metal recycling facility. <i>Safety Science</i> , <b>2013</b> , 51, 432-440	5.8	12
62	Historical review of efforts to reduce noise-induced hearing loss in the United States. <i>American Journal of Industrial Medicine</i> , <b>2017</b> , 60, 569-577	2.7	11
61	Comparison of Multiple Measures of Noise Exposure in Paper Mills. <i>Annals of Occupational Hygiene</i> , <b>2016</b> , 60, 581-96		11
60	An exploratory study of noise exposures in educational and private dental clinics. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2016</b> , 13, 741-9	2.9	11
59	On-site monitoring of occupational exposure to volatile organic compounds by a portable comprehensive 2-dimensional gas chromatography device. <i>Analytical Methods</i> , <b>2018</b> , 10, 237-244	3.2	11
58	Hearing loss, lead (Pb) exposure, and noise: a sound approach to ototoxicity exploration. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2018</b> , 21, 335-355	8.6	11
57	Relationship Between Noise-Related Risk Perception, Knowledge, and the Use of Hearing Protection Devices Among Para Rubber Wood Sawmill Workers. <i>Safety and Health at Work</i> , <b>2018</b> , 9, 25-29	4	10

56	Meta-analysis of job-exposure matrix data from multiple sources. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2018</b> , 28, 259-274	6.7	10
55	Hearing Protector Attenuation and Noise Exposure Among Metal Manufacturing Workers. <i>Ear and Hearing</i> , <b>2019</b> , 40, 680-689	3.4	9
54	Prevalence of Abnormal Serum Cholinesterase and Associated Symptoms from Pesticide Exposure among Agricultural Workers in the South of Thailand. <i>Journal of Agromedicine</i> , <b>2018</b> , 23, 270-278	1.9	9
53	Intervening at the Bottom: Can a Health and Safety Committee Intervention Influence Management Commitment?. <i>Policy and Practice in Health and Safety</i> , <b>2013</b> , 11, 61-78	0.6	9
52	Improving exposure estimates by combining exposure information. <i>Annals of Occupational Hygiene</i> , <b>2011</b> , 55, 537-47		9
51	Occupational noise exposure and hearing defects among sawmill workers in the south of Thailand. <i>International Journal of Occupational Safety and Ergonomics</i> , <b>2019</b> , 25, 458-466	2.1	9
50	Measurement of asbestos emissions associated with demolition of abandoned residential dwellings. <i>Science of the Total Environment</i> , <b>2020</b> , 722, 137891	10.2	8
49	Pneumatic rock drill vs. electric rotary hammer drill: Productivity, vibration, dust, and noise when drilling into concrete. <i>Applied Ergonomics</i> , <b>2019</b> , 74, 31-36	4.2	8
48	Lung function and paper dust exposure among workers in a soft tissue paper mill. <i>International Archives of Occupational and Environmental Health</i> , <b>2020</b> , 93, 105-110	3.2	8
47	Asbestos-containing materials in abandoned residential dwellings in Detroit. <i>Science of the Total Environment</i> , <b>2020</b> , 714, 136580	10.2	7
46	Evaluating the Risk of Noise-Induced Hearing Loss Using Different Noise Measurement Criteria. <i>Annals of Work Exposures and Health</i> , <b>2018</b> , 62, 295-306	2.4	7
45	Costs and effectiveness of hearing conservation programs at 14 US metal manufacturing facilities. <i>International Journal of Audiology</i> , <b>2018</b> , 57, S3-S11	2.6	7
44	Assessing ototoxicity due to chronic lead and cadmium intake with and without noise exposure in the mature mouse. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2018</b> , 81, 1041-1057	3.2	7
43	Pilot study of methods and equipment for in-home noise level measurements. <i>Applied Acoustics</i> , <b>2015</b> , 102, 1-11	3.1	6
42	Characteristics and Predictors of Occupational Injury Among Career Firefighters. <i>Workplace Health and Safety</i> , <b>2018</b> , 66, 291-301	2	6
41	The Effects of Bit Wear on Respirable Silica Dust, Noise and Productivity: A Hammer Drill Bench Study. <i>Annals of Work Exposures and Health</i> , <b>2017</b> , 61, 700-710	2.4	6
40	Metal Levels, Genetic Instability, and Renal Markers in Electronic Waste Workers in Thailand. <i>International Journal of Occupational and Environmental Medicine</i> , <b>2020</b> , 11, 72-84	4.1	6
39	Assessing Hmong Farmers' Safety and Health. <i>Workplace Health and Safety</i> , <b>2014</b> , 62, 178-185	2	6

38	Cardiovascular mortality in a Swedish cohort of female industrial workers exposed to noise and shift work. <i>International Archives of Occupational and Environmental Health</i> , <b>2021</b> , 94, 285-293	3.2	6
37	Imputation of missing values in a large job exposure matrix using hierarchical information. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2018</b> , 28, 615-648	6.7	6
36	Applying a novel environmental health framework theory (I-ACT) to noise pollution policies in the United States, United Kingdom, and the Netherlands. <i>Journal of Environmental Planning and Management</i> , <b>2018</b> , 61, 2111-2132	2.8	5
35	Self-Reported Health and Metal Body Burden in an Electronic Waste Recycling Community in Northeastern Thailand. <i>Journal of Occupational and Environmental Medicine</i> , <b>2019</b> , 61, 905-909	2	5
34	Noise exposures in different community settings measured by traditional dosimeter and smartphone app. <i>Applied Acoustics</i> , <b>2020</b> , 167, 107408	3.1	4
33	Assessing Hearing Conservation Program Effectiveness: Results of a Multisite Assessment. <i>Journal of Occupational and Environmental Medicine</i> , <b>2018</b> , 60, 29-35	2	4
32	Development of a Job Exposure Matrix for Noise in the Swedish Soft Tissue Paper Industry. <i>Annals of Work Exposures and Health</i> , <b>2018</b> , 62, 195-209	2.4	3
31	Mass transit ridership and self-reported hearing health in an urban population. <i>Journal of Urban Health</i> , <b>2013</b> , 90, 262-75	5.8	3
30	Road safety situation of electric bike riders: A cross-sectional study in courier and take-out food delivery population. <i>Traffic Injury Prevention</i> , <b>2021</b> , 1-6	1.8	3
29	Hearing loss as a predictor for hearing protection attenuation among miners. <i>Occupational and Environmental Medicine</i> , <b>2021</b> ,	2.1	3
28	Occupational exposure to soft paper dust and mortality. <i>Occupational and Environmental Medicine</i> , <b>2020</b> , 77, 549-554	2.1	2
27	A semi-quantitative job exposure matrix for dust exposures in Swedish soft tissue paper mills. <i>American Journal of Industrial Medicine</i> , <b>2020</b> , 63, 359-367	2.7	2
26	PERSONAL MEASURES OF POWER-FREQUENCY MAGNETIC FIELD EXPOSURE AMONG MEN FROM AN INFERTILITY CLINIC: DISTRIBUTION, TEMPORAL VARIABILITY AND CORRELATION WITH THEIR FEMALE PARTNERS' EXPOSURE. <i>Radiation Protection Dosimetry</i> , <b>2016</b> , 172, 401-408	0.9	2
25	Portable multi-dimensional gas chromatography device for rapid field analysis of chemical compounds <b>2017</b> ,		2
24	Assessment of Noise Exposure to Children: Considerations for the National Children's Study. <i>Journal of Pregnancy and Child Health</i> , <b>2014</b> , 1,	1	2
23	Training for an effective health and safety committee in a small business setting. <i>New Solutions</i> , <b>2013</b> , 23, 485-503	1	2
22	Analysis of copper, selenium, and zinc in newborn dried bloodspots using total reflection X-ray fluorescence (TXRF) spectroscopy <sup>1</sup> , e1		2
21	A comparison of an audiometric screening survey with an in-depth research questionnaire for hearing loss and hearing loss risk factors. <i>International Journal of Audiology</i> , <b>2016</b> , 55, 782-786	2.6	2



20	Pilot assessment of occupational safety and health of workers in an aircraft maintenance facility. <i>Safety Science</i> , <b>2021</b> , 141, 105299	5.8	2
19	Pesticide exposure and adverse health effects associated with farmwork in Northern Thailand. <i>Journal of Occupational Health</i> , <b>2021</b> , 63, e12222	2.3	2
18	Toward a better understanding of nonoccupational sound exposures and associated health impacts: Methods of the Apple Hearing Study.. <i>Journal of the Acoustical Society of America</i> , <b>2022</b> , 151, 1476	2.2	2
17	Confined space ventilation by shipyard welders: observed use and effectiveness. <i>Annals of Occupational Hygiene</i> , <b>2015</b> , 59, 116-21		1
16	Response to Letter to the Editor regarding Franzblau et al., Asbestos-containing materials in abandoned residential dwellings in Detroit, from Prof. Arthur Frank, MD, PhD. <i>Science of the Total Environment</i> , <b>2020</b> , 739, 139165	10.2	1
15	EffortReward Imbalance among a Sample of Formal US Solid Waste Workers. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 6791	4.6	1
14	Retrospective assessment of the association between noise exposure and nonfatal and fatal injury rates among miners in the United States from 1983 to 2014. <i>American Journal of Industrial Medicine</i> , <b>2021</b> , 65, 30	2.7	0
13	Product representations in conjoint analysis in an LMIC setting: Comparing attribute valuation when three-dimensional physical prototypes are shown versus two-dimensional renderings. <i>Development Engineering</i> , <b>2021</b> , 6, 100063	2.5	0
12	Respirable silica and noise exposures among stone processing workers in northern Thailand. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2018</b> , 15, 117-124	2.9	0
11	Feasibility of a daily noise monitoring intervention for prevention of noise-induced hearing loss. <i>Occupational and Environmental Medicine</i> , <b>2021</b> , 78, 835-840	2.1	0
10	Spatial evaluation of environmental noise with the use of participatory sensing system in Singapore. <i>Noise Mapping</i> , <b>2021</b> , 8, 236-248	4.8	0
9	Noise exposure and mental workload: Evaluating the role of multiple noise exposure metrics among surface miners in the US Midwest.. <i>Applied Ergonomics</i> , <b>2022</b> , 103, 103772	4.2	0
8	Noise Levels of Routine Non-Occupational Activities. <i>Noise and Vibration Worldwide</i> , <b>2005</b> , 36, 20-24	0.8	
7	Total Non-Occupational Noise Exposure of Construction Workers. <i>Noise and Vibration Worldwide</i> , <b>2005</b> , 36, 12-19	0.8	
6	Response to Dobie et al. Letter, 'Exchange Rate and Risk of Noise-induced Hearing Loss in Construction Workers'. <i>Annals of Work Exposures and Health</i> , <b>2018</b> , 62, 1179-1181	2.4	
5	Pesticide Spraying and Reduced Cholinesterase Activity among Hill Tribe Farmers in Thailand. <i>Journal of Health and Pollution</i> , <b>2021</b> , 11, 210908	2.6	
4	Characterization of noise exposure in places of worship. <i>Applied Acoustics</i> , <b>2021</b> , 180, 108114	3.1	
3	Noise as a risk factor for COVID-19 transmission: Comment on Zhang: "Estimation of differential occupational risk of COVID-19 by comparing risk factors with case data by occupational group".. <i>American Journal of Industrial Medicine</i> , <b>2022</b> ,	2.7	



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| 2 | Sensory Impairment is Associated With Recurrent Falls: Study of Women’s Health Across the Nation. <i>Innovation in Aging</i> , <b>2021</b> , 5, 786-786  | 0.1 |
| 1 | Beware the Grizzlyman: A Comparison of Job and Industry-Based Noise Exposure Estimates Using Manual Coding and the NIOSH NIOCCS Machine Learning Algorithm.. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2022</b> , 1-15 | 2.9 |