

Alfred Franzblau

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

2,589
citations

249298

26
h-index

274796

44
g-index

86
all docs

86
docs citations

86
times ranked

2429
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring SARS-CoV-2 in air and on surfaces and estimating infection risk in buildings and buses on a university campus. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 751-758.	1.8	34
2	Bayesian inference of dependent kappa for binary ratings. <i>Statistics in Medicine</i> , 2021, 40, 5947-5960.	0.8	1
3	An Unusual Cause of Severe Hypoxemia and Acute Respiratory Distress Syndrome. <i>Chest</i> , 2020, 158, e71-e77.	0.4	1
4	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> , 2020, 739, 139165.	3.9	1
5	Asbestos-containing materials in abandoned residential dwellings in Detroit. <i>Science of the Total Environment</i> , 2020, 714, 136580.	3.9	15
6	Measurement of asbestos emissions associated with demolition of abandoned residential dwellings. <i>Science of the Total Environment</i> , 2020, 722, 137891.	3.9	18
7	Reliability of Common Provocative Tests for Shoulder Tendinitis by Doxey et al. Letter to the Editor. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, e300-e301.	0.9	1
8	How can we best estimate the incidence and prevalence of carpal tunnel syndrome?. <i>Muscle and Nerve</i> , 2018, 58, 467-469.	1.0	5
9	Response to: "Pleural abnormalities in the Framingham Heart Study: prevalence and CT image features" by Araki et al. <i>Occupational and Environmental Medicine</i> , 2018, 75, 77.1-77.	1.3	0
10	Comparison of digital and film chest radiography for detection and medical surveillance of silicosis in a setting with a high burden of tuberculosis. <i>American Journal of Industrial Medicine</i> , 2018, 61, 229-238.	1.0	6
11	Bioaccessibility and bioavailability of methylmercury from seafood commonly consumed in North America: In vitro and epidemiological studies. <i>Environmental Research</i> , 2016, 149, 266-273.	3.7	34
12	Long-term symptomatic, functional, and work outcomes of carpal tunnel syndrome among construction workers. <i>American Journal of Industrial Medicine</i> , 2016, 59, 357-368.	1.0	15
13	Genetic polymorphisms are associated with hair, blood, and urine mercury levels in the American Dental Association (ADA) study participants. <i>Environmental Research</i> , 2016, 149, 247-258.	3.7	26
14	Exposures of dental professionals to elemental mercury and methylmercury. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 78-85.	1.8	44
15	Molecular characterization of microbial communities and quantification of <i>Mycobacterium immunogenum</i> in metal removal fluids and their associated biofilms. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4086-4094.	2.7	4
16	Ulnar Neuropathy Among Active Workers Based Upon Hand Diagram Ratings. <i>PM and R</i> , 2015, 7, 571-575.	0.9	1
17	Serum concentrations of polychlorinated dibenzo-p-dioxins among ceramicists. <i>Chemosphere</i> , 2015, 118, 350-356.	4.2	0
18	Using Job-Title-Based Physical Exposures From O*NET in an Epidemiological Study of Carpal Tunnel Syndrome. <i>Human Factors</i> , 2014, 56, 166-177.	2.1	31

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19	Self-reported physical work exposures and incident carpal tunnel syndrome. American Journal of Industrial Medicine, 2014, 57, 1246-1254.	1.0	16
20	The Effectiveness of Post-Offer Pre-Placement Nerve Conduction Screening for Carpal Tunnel Syndrome. Journal of Occupational and Environmental Medicine, 2014, 56, 840-847.	0.9	3
21	Biomonitoring for POPs. , 2014, , 163-197.		0
22	Evaluation of the release of dioxins and PCBs during kiln-firing of ball clay. Chemosphere, 2014, 94, 70-75.	4.2	1
23	Impact of Body Mass Index on the Detection of Radiographic Localized Pleural Thickening. Academic Radiology, 2014, 21, 3-10.	1.3	8
24	Mercury biomarkers and DNA methylation among michigan dental professionals. Environmental and Molecular Mutagenesis, 2013, 54, 195-203.	0.9	83
25	The effect of misunderstanding the chemical properties of environmental contaminants on exposure beliefs: A case involving dioxins. Science of the Total Environment, 2013, 447, 293-300.	3.9	8
26	Natural History and Predictors of Long-Term Pain and Function Among Workers With Hand Symptoms. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1293-1299.	0.5	13
27	Relationship of estimated dietary intake of n-3 polyunsaturated fatty acids from fish with peripheral nerve function after adjusting for mercury exposure. Science of the Total Environment, 2013, 454-455, 73-78.	3.9	1
28	New Insight into Biomarkers of Human Mercury Exposure Using Naturally Occurring Mercury Stable Isotopes. Environmental Science & Technology, 2013, 47, 3403-3409.	4.6	118
29	Comparison of Digital with Film Radiographs for the Classification of Pneumoconiotic Pleural Abnormalities. Academic Radiology, 2012, 19, 131-140.	1.3	12
30	Performance of Simplified Scoring Systems for Hand Diagrams in Carpal Tunnel Syndrome Screening. Journal of Hand Surgery, 2012, 37, 10-17.	0.7	19
31	Low-level mercury exposure and peripheral nerve function. NeuroToxicology, 2012, 33, 299-306.	1.4	18
32	An Investigation of Modifying Effects of Metallothionein Single-Nucleotide Polymorphisms on the Association between Mercury Exposure and Biomarker Levels. Environmental Health Perspectives, 2012, 120, 530-534.	2.8	55
33	Agreement between clinical screening procedures for neuropathy in the feet. Muscle and Nerve, 2012, 45, 653-658.	1.0	6
34	An investigation of modifying effects of single nucleotide polymorphisms in metabolism-related genes on the relationship between peripheral nerve function and mercury levels in urine and hair. Science of the Total Environment, 2012, 417-418, 32-38.	3.9	16
35	Differential aging of median and ulnar sensory nerve parameters. Muscle and Nerve, 2012, 45, 60-64.	1.0	10
36	Glutathione enzyme and selenoprotein polymorphisms associate with mercury biomarker levels in Michigan dental professionals. Toxicology and Applied Pharmacology, 2011, 257, 301-308.	1.3	63

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37	Physical examination has a low yield in screening for carpal tunnel syndrome. American Journal of Industrial Medicine, 2011, 54, 1-9.	1.0	21
38	Where Do People Drive? Navigation System Use by Typical Drivers and Auto Experts. Journal of Navigation, 2011, 64, 357-373.	1.0	5
39	Comparison of research case definitions for carpal tunnel syndrome. Scandinavian Journal of Work, Environment and Health, 2011, 37, 298-306.	1.7	27
40	Estimating Population Distributions When Some Data Are Below a Limit of Detection by Using a Reverse Kaplan-Meier Estimator. Epidemiology, 2010, 21, S64-S70.	1.2	78
41	Reliability of job-title based physical work exposures for the upper extremity: comparison to self-reported and observed exposure estimates. Occupational and Environmental Medicine, 2010, 67, 538-547.	1.3	28
42	Case Report: The University of Michigan Dioxin Exposure Study: A Follow-up Investigation of a Case with High Serum Concentration of 2,3,4,7,8-Pentachlorodibenzofuran. Environmental Health Perspectives, 2010, 118, 1313-1317.	2.8	7
43	Comparing Film and Digital Radiographs for Reliability of Pneumoconiosis Classifications. Academic Radiology, 2010, 17, 511-519.	1.3	18
44	The University of Michigan Dioxin Exposure Study: Methods for an Environmental Exposure Study of Polychlorinated Dioxins, Furans, and Biphenyls. Environmental Health Perspectives, 2009, 117, 803-810.	2.8	20
45	The University of Michigan Dioxin Exposure Study: Population Survey Results and Serum Concentrations for Polychlorinated Dioxins, Furans, and Biphenyls. Environmental Health Perspectives, 2009, 117, 811-817.	2.8	24
46	The University of Michigan Dioxin Exposure Study: Predictors of Human Serum Dioxin Concentrations in Midland and Saginaw, Michigan. Environmental Health Perspectives, 2009, 117, 818-824.	2.8	38
47	An Investigation of Homes with High Concentrations of PCDDs, PCDFs, and/or Dioxin-Like PCBs in House Dust. Journal of Occupational and Environmental Hygiene, 2009, 6, 188-199.	0.4	24
48	Residences with anomalous soil concentrations of dioxin-like compounds in two communities in Michigan, USA: A case study. Chemosphere, 2009, 74, 395-403.	4.2	7
49	Comparison of Digital Radiographs with Film Radiographs for the Classification of Pneumoconiosis ¹ . Academic Radiology, 2009, 16, 669-677.	1.3	21
50	Reliability of Hand Diagrams for the Epidemiologic Case Definition of Carpal Tunnel Syndrome. Journal of Occupational Rehabilitation, 2008, 18, 233-248.	1.2	22
51	Analysis of the third national health and nutrition examination survey (NHANES III) using expert ratings of job categories. American Journal of Industrial Medicine, 2008, 51, 37-46.	1.0	40
52	Predictors of upper extremity symptoms and functional impairment among workers employed for 6 months in a new job. American Journal of Industrial Medicine, 2008, 51, 932-940.	1.0	28
53	Case Report: Human Exposure to Dioxins from Clay. Environmental Health Perspectives, 2008, 116, 238-242.	2.8	19
54	Incidence of Carpal Tunnel Syndrome Among Automobile Assembly Workers and Assessment of Risk Factors. Journal of Occupational and Environmental Medicine, 2005, 47, 1044-1050.	0.9	57

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55	A Longitudinal Study of Industrial and Clerical Workers: Incidence of Carpal Tunnel Syndrome and Assessment of Risk Factors. <i>Journal of Occupational Rehabilitation</i> , 2005, 15, 47-55.	1.2	91
56	A Cross-Sectional Assessment of the ACGIH TLV for Hand Activity Level. <i>Journal of Occupational Rehabilitation</i> , 2005, 15, 57-67.	1.2	45
57	Review of Epidemiologic Studies on Occupational Factors and Lower Extremity Musculoskeletal and Vascular Disorders and Symptoms. <i>Journal of Occupational Rehabilitation</i> , 2005, 15, 129-165.	1.2	44
58	Effect of aging on sensory nerve conduction study parameters. <i>Muscle and Nerve</i> , 2004, 29, 716-720.	1.0	56
59	Preplacement Nerve Testing for Carpal Tunnel Syndrome: Is it Cost Effective?. <i>Journal of Occupational and Environmental Medicine</i> , 2004, 46, 714-719.	0.9	15
60	Asthma following household exposure to hydrofluoric acid. <i>American Journal of Industrial Medicine</i> , 2003, 44, 321-324.	1.0	23
61	Prolonged median sensory latency as a predictor of future carpal tunnel syndrome. <i>Muscle and Nerve</i> , 2001, 24, 1462-1467.	1.0	58
62	Test-retest reliability of the Upper Extremity Questionnaire among keyboard operators. <i>American Journal of Industrial Medicine</i> , 2001, 40, 655-666.	1.0	35
63	Reliability of physical examination of the upper extremity among keyboard operators. , 2000, 37, 423-430.		32
64	Longitudinal Assessment of Industrial Workers. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000, 44, 5-557-5-560.	0.2	0
65	Effects of Keyboards, Armrests, and Alternating Keying Positions on Subjective Discomfort and Preferences among Data Entry Operators. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000, 44, 5-598-5-598.	0.2	1
66	Perceived Psychological Stress and Upper Extremity Cumulative Trauma Disorders. <i>AAOHN Journal</i> , 1999, 47, 22-30.	0.5	4
67	The Effects of Keyswitch Stiffness on Typing Force, Finger Electromyography, and Subjective Discomfort. <i>AIHA Journal</i> , 1999, 60, 762-769.	0.4	54
68	Reliability of nerve conduction studies among active workers. , 1999, 22, 1372-1379.		47
69	Cross-sectional study of the relationship between repetitive work and the prevalence of upper limb musculoskeletal disorders. , 1999, 36, 248-259.		173
70	Cross-sectional study of the relationship between repetitive work and the prevalence of upper limb musculoskeletal disorders. <i>American Journal of Industrial Medicine</i> , 1999, 36, 248-259.	1.0	4
71	Agreement between symptom surveys, physical examination procedures and electrodiagnostic findings for the carpal tunnel syndrome. <i>Scandinavian Journal of Work, Environment and Health</i> , 1999, 25, 115-124.	1.7	99
72	Median mononeuropathy among active workers: Are there differences between symptomatic and asymptomatic workers?. , 1998, 33, 374-378.		34

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73	Median and ulnar nerve conduction studies among workers: Normative values. , 1998, 21, 999-1005.		104
74	Chemical pneumonitis following household exposure to hydrofluoric acid. , 1997, 31, 474-478.		21
75	Re: Comparison of single photon emission computed tomography findings in cases of healthy adults and solvent-exposed adults. , 1997, 32, 695-697.		1
76	Chemical pneumonitis following household exposure to hydrofluoric acid. , 1997, 31, 474.		1
77	Test-retest reliability of an upper-extremity discomfort questionnaire in an industrial population. Scandinavian Journal of Work, Environment and Health, 1997, 23, 299-307.	1.7	85
78	Hand dominance effect on median and ulnar sensory evoked amplitude and latency in asymptomatic workers. Archives of Physical Medicine and Rehabilitation, 1996, 77, 473-476.	0.5	18
79	Hypersensitivity pneumonitis-like reaction and occupational asthma associated with 1,3-bis(isocyanatomethyl) cyclohexane pre-polymer. , 1996, 30, 48-55.		25
80	Workplace surveillance for carpal tunnel syndrome using hand diagrams. Journal of Occupational Rehabilitation, 1994, 4, 185-198.	1.2	53
81	The relationship between body mass index and the diagnosis of carpal tunnel syndrome. Muscle and Nerve, 1994, 17, 632-636.	1.0	190
82	Workplace surveillance for carpal tunnel syndrome: A comparison of methods. Journal of Occupational Rehabilitation, 1993, 3, 1-14.	1.2	57
83	EFFECT OF TOOL SHAPE AND WORK LOCATION ON PERCEIVED EXERTION FOR WORK ON HORIZONTAL SURFACES. AIHA Journal, 1993, 54, 383-391.	0.4	16
84	Absence of Formic Acid Accumulation in Urine Following Five Days of Methanol Exposure. Journal of Occupational and Environmental Hygiene, 1993, 8, 883-888.	0.5	4
85	THE USE OF A TRANSPORTABLE FOURIER TRANSFORM INFRARED (FTIR) SPECTROMETER FOR THE DIRECT MEASUREMENT OF SOLVENTS IN BREATH AND AMBIENT AIR: METHANOL. AIHA Journal, 1992, 53, 221-227.	0.4	22
86	Use of Urinary Formic Acid as a Biologic Exposure Index of Methanol Exposure. Journal of Occupational and Environmental Hygiene, 1992, 7, 467-471.	0.5	6