Farideh Golbabaei

List of Publications by Year
in descending order

93	1,153	471061 17	525886 27
papers	citations	h-index	g-index

99	99	99	1357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Weighting Criteria and Prioritizing of Heat stress indices in surface mining using a Delphi Technique and Fuzzy AHP-TOPSIS Method. Journal of Environmental Health Science & Engineering, 2017, 15, 1.	1.4	78
2	Optimization of electrospinning parameters for polyacrylonitrile-MgO nanofibers applied in air filtration. Journal of the Air and Waste Management Association, 2016, 66, 912-921.	0.9	63
3	The influence of occupational heat exposure on cognitive performance and blood level of stress hormones: a field study report. International Journal of Occupational Safety and Ergonomics, 2017, 23, 431-439.	1.1	48
4	Applicability of Universal Thermal Climate Index (UTCI) in occupational heat stress assessment: a case study in brick industries. Industrial Health, 2016, 54, 14-19.	0.4	43
5	Assessment of Semen Quality among Workers Exposed to Heat Stress: A Cross-Sectional Study in a Steel Industry. Safety and Health at Work, 2018, 9, 232-235.	0.3	41
6	Relations of biomarkers of manganese exposure and neuropsychological effects among welders and ferroalloy smelters. Industrial Health, 2016, 54, 79-86.	0.4	38
7	Evaluating Effects of Heat Stress on Cognitive Function among Workers in a Hot Industry. Health Promotion Perspectives, 2014, 4, 240-6.	0.8	36
8	Application of Universal Thermal Climate Index (UTCI) for assessment of occupational heat stress in open-pit mines. Industrial Health, 2017, 55, 437-443.	0.4	32
9	Prevalence of Low Back Pain Among Nurses: Predisposing Factors and Role of Work Place Violence. Trauma Monthly, 2014, 19, e17926.	0.2	30
10	Outdoor occupational environments and heat stress in IRAN. Journal of Environmental Health Science & Engineering, 2015, 13, 48.	1.4	30
11	Offering a model for estimating black globe temperature according to meteorological measurements. Meteorological Applications, 2017, 24, 303-307.	0.9	26
12	Occupational Exposure to Manganeseâ€containing Welding Fumes and Pulmonary Function Indices among Natural Gas Transmission Pipeline Welders. Journal of Occupational Health, 2012, 54, 316-322.	1.0	25
13	Application of ultrasonication for facilitating the extraction of hippuric acid and methyl hippuric acid in real samples using Fe₃O₄@SiO₂@sodium dodecyl sulfate: experimental design methodology. Analytical Methods, 2018, 10, 4588-4595.	1.3	25
14	Solid Phase Extraction for Evaluation of Occupational Exposure to Pb (II) Using XAD-4 Sorbent Prior to Atomic Absorption Spectroscopy. International Journal of Occupational Safety and Ergonomics, 2007, 13, 137-145.	1.1	24
15	Identification and assessment of medical errors in the triage area of an educational hospital using the SHERPA technique in Iran. International Journal of Occupational Safety and Ergonomics, 2015, 21, 382-390.	1.1	22
16	Cancer and non-cancer health risk assessment of occupational exposure to 1,3-butadiene in a petrochemical plant in Iran. Toxicology and Industrial Health, 2020, 36, 960-970.	0.6	21
17	Preparation of a sepiolite/Cu-BDC nanocomposite and its application as an adsorbent in respirator cartridges for H₂S removal. New Journal of Chemistry, 2019, 43, 11575-11584.	1.4	20
18	Quantitative and Semiquantitative Health Risk Assessment of Occupational Exposure to Styrene in a Petrochemical Industry. Safety and Health at Work, 2021, 12, 396-402.	0.3	20

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19	Feasibility of Using Vitamin E-Loaded Poly(Îµ-caprolactone)/Gelatin Nanofibrous Mat to Prevent Oxidative Stress in Skin. Journal of Nanoscience and Nanotechnology, 2020, 20, 3554-3562.	0.9	20
20	Application of a new sample preparation method based on surfactant-assisted dispersive micro solid phase extraction coupled with ultrasonic power for easy and fast simultaneous preconcentration of toluene and xylene biomarkers from human urine samples. Journal of the Iranian Chemical Society, 2019, 16, 1131-1138.	1.2	19
21	The effect of cooling vests on physiological and perceptual responses: a systematic review. International Journal of Occupational Safety and Ergonomics, 2022, 28, 223-255.	1.1	19
22	Occupational exposure to wood dust and risk of nasopharyngeal cancer: A systematic review and meta-analysis. Environmental Research, 2019, 171, 170-176.	3.7	18
23	Fabrication and characterization of PAN/CNT, PAN/TiO₂, and PAN/CNT/TiO₂ nanofibers for UV protection properties. Journal of the Textile Institute, 2021, 112, 946-954.	1.0	18
24	Validating the Heat Stress Indices for Using In Heavy Work Activities in Hot and Dry Climates. Journal of Research in Health Sciences, 2016, 16, 90-5.	0.9	17
25	Assessment of the effect of welding fumes on weldersâ€™ cognitive failure and health-related quality of life. International Journal of Occupational Safety and Ergonomics, 2016, 22, 426-432.	1.1	15
26	Evaluation of occupational exposure to different levels of mixed organic solvents and cognitive function in the painting unit of an automotive industry. Health Promotion Perspectives, 2018, 8, 296-302.	0.8	15
27	The impacts of rest breaks and stretching exercises on lower back pain among commercial truck drivers in Iran. International Journal of Occupational Safety and Ergonomics, 2020, 26, 662-669.	1.1	15
28	Phytoremediation of BTEX from indoor air by Hyrcanian plants. Environmental Health Engineering and Management, 2019, 6, 233-240.	0.3	15
29	Isotherm, kinetic, and thermodynamic studies for dynamic adsorption of toluene in gas phase onto porous Fe-MIL-101/OAC composite. Environmental Science and Pollution Research, 2020, 27, 44022-44035.	2.7	14
30	Toluene adsorption on porous Cuâ€“BDC@OAC composite at various operating conditions: optimization by response surface methodology. RSC Advances, 2020, 10, 35582-35596.	1.7	14
31	On-line micro column preconcentration system based on amino bimodal mesoporous silica nanoparticles as a novel adsorbent for removal and speciation of chromium (III, VI) in environmental samples. Journal of Environmental Health Science & Engineering, 2015, 13, 47.	1.4	13
32	The relationship between individual, physical and psychosocial risk factors with musculoskeletal disorders and related disabilities in flight security personnel. International Journal of Occupational Safety and Ergonomics, 2022, 28, 387-397.	1.1	13
33	Evaluation of pulmonary function and respiratory symptoms among workers exposed to 1,3-Butadiene in a petrochemical industry in Iran. Archives of Environmental and Occupational Health, 2020, 75, 483-490.	0.7	13
34	Carpal Tunnel Syndrome: The Role of Occupational Factors Among 906 Workers. Trauma Monthly, 2012, 17, 296-300.	0.2	12
35	Removal of Greenhouse Gas (N2O) by Catalytic Decomposition on Natural Clinoptilolite Zeolites Impregnated with Cobalt. International Journal of Environmental Research, 2017, 11, 327-337.	1.1	10
36	A comparison of biofiltration performance based on bacteria and fungi for treating toluene vapors from airflow. AMB Express, 2020, 10, 8.	1.4	10

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37	Association Between Fatigue and Occupational Physical Trauma Among Male Iranian Workers in the Copper Extraction Industry. Trauma Monthly, 2016, 22, .	0.2	10
38	The incidence of needle stick and sharp injuries and their associations with visual function among hospital nurses. Journal of Current Ophthalmology, 2017, 29, 214-220.	0.3	9
39	A review on advanced functional photonic fabric for enhanced thermoregulating performance. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100504.	1.7	9
40	Consistency between Sweat Rate and Wet Bulb Globe Temperature for the Assessment of Heat Stress of People Working Outdoor in Arid and Semi-arid Regions. International Journal of Occupational and Environmental Medicine, 2018, 9, 1-9.	4.1	9
41	Optimization of Headspace Solid Phase Microextraction Procedure for Trace Analysis of Toluene. International Journal of Occupational Safety and Ergonomics, 2008, 14, 395-405.	1.1	8
42	The cut-off point for tympanic temperature as a heat strain index for evaluation of outdoor workers: a field study. International Journal of Occupational Safety and Ergonomics, 2018, 24, 224-232.	1.1	8
43	Comparison of Visual Status of Iranian Military and Commercial Drivers. Iranian Red Crescent Medical Journal, 2015, 17, e19751.	0.5	8
44	Occupational Exposure to Mercury: Air Exposure Assessment and Biological Monitoring based on Dispersive Ionic Liquid-Liquid Microextraction. Iranian Journal of Public Health, 2014, 43, 793-9.	0.3	8
45	Determination of Air Enthalpy Based on Meteorological Data as an Indicator for Heat Stress Assessment in Occupational Outdoor Environments, a Field Study in IRAN. Journal of Research in Health Sciences, 2016, 16, 133-140.	0.9	8
46	Evaluation of operational parameters role on the emission of fumes. Industrial Health, 2018, 56, 198-206.	0.4	7
47	Characterization of Clostridioides difficile isolates recovered from hospitalized patients and the hospitals environment and air: A multicenter study. Anaerobe, 2019, 59, 154-158.	1.0	7
48	Assessment of Impulse Noise Level and Acoustic Trauma in Military Personnel. Trauma Monthly, 2011, 16, 173-178.	0.2	7
49	Evaluation of Occupational Exposure of Glazers of a Ceramic Industry to Cobalt Blue Dye. Iranian Journal of Public Health, 2013, 42, 868-75.	0.3	7
50	The Past and Future Trends of Heat Stress Based On Wet Bulb Globe Temperature Index in Outdoor Environment of Tehran City, Iran. Iranian Journal of Public Health, 2016, 45, 787-94.	0.3	7
51	Evaluation resistance levels of the PCL/Gt nanofiber mats during exposure to PAHs for use in the occupational setting. SN Applied Sciences, 2019, 1, 1.	1.5	6
52	Applicability of the model presented by Australian Bureau of Meteorology to determine WBGT in outdoor workplaces: A case study. Urban Climate, 2020, 32, 100609.	2.4	6
53	Heat stress and physical capacity: a case study of semi-professional footballers. Iranian Journal of Public Health, 2014, 43, 355-61.	0.3	6
54	Development of Dispersive Liquid-Liquid Microextraction Procedure for Trace Determination of Malathion Pesticide in Urine Samples. Iranian Journal of Public Health, 2019, 48, 1893-1902.	0.3	6

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55	Evaluation of potential biomarkers of exposure to crystalline silica: A case study in an insulator manufacturer. Toxicology and Industrial Health, 2018, 34, 491-498.	0.6	5
56	Development of a personal heat strain risk assessment (PHSRA) index in workplaces and its validation. BMC Public Health, 2020, 20, 837.	1.2	5
57	Fabrication and characterization of TiO2 and MWCNT coated electrospinning nanofibers for UV protection properties. MethodsX, 2021, 8, 101354.	0.7	5
58	Assessment of sexual hormones in foundry workers exposed to heat stress and electromagnetic fields. Reproductive Toxicology, 2021, 101, 115-123.	1.3	5
59	Alexander Technique Training Coupled With an Integrative Model of Behavioral Prediction in Teachers With Low Back Pain. Iranian Red Crescent Medical Journal, 2016, 18, e31218.	0.5	5
60	Development of modified rapid entire body assessment (MOREBA) method for predicting the risk of musculoskeletal disorders in the workplaces. BMC Musculoskeletal Disorders, 2022, 23, 82.	0.8	5
61	Developing and validating the personal risk assessment of musculoskeletal disorders (PRAMUD) tool among workers of a steel foundry. International Journal of Industrial Ergonomics, 2022, 88, 103276.	1.5	5
62	Exposure to Methyl Methacrylate and Its Subjective Symptoms Among Dental Technicians, Tehran, Iran. International Journal of Occupational Safety and Ergonomics, 2005, 11, 283-289.	1.1	4
63	A Comparative Evaluation of TiO₂Suspension Coating Techniques: A Novel Technique to Achieve Optimal Thickness and Uniformity of Photocatalytic Film. International Journal of Photoenergy, 2012, 2012, 1-9.	1.4	4
64	Developing a model for hospital inherent safety assessment: Conceptualization and validation. International Journal of Risk and Safety in Medicine, 2018, 29, 163-174.	0.3	4
65	Development and validation of an environmental heat strain risk assessment (EHSRA) index using structural equation modeling based on empirical relations. Environmental Health and Preventive Medicine, 2020, 25, 63.	1.4	4
66	Relationship between occupational exposure to whole-body vibration and noise with sex hormone levels: An empirical assessment in an automobile parts manufacturing plant. Toxicology and Industrial Health, 2021, 37, 074823372110065.	0.6	4
67	Million Visual Analogue Scale Questionnaire: Validation of the Persian Version. Asian Spine Journal, 2019, 13, 242-247.	0.8	4
68	Provision of an Empirical Model to Estimate the Adaptive Capacity of Workers at Risk of Heat Stress. Health Scope, 2017, 7, .	0.4	4
69	Identification, classification, and prioritization of effective factors in producing thermal strain in men at workplaces using fuzzy AHP technique. Indian Journal of Occupational and Environmental Medicine, 2020, 24, 106.	0.6	4
70	Assessment of Occupational Exposure to Dust and Crystalline Silica in Foundries. Tanaffos, 2015, 14, 208-12.	0.5	4
71	Pulmonary Functions and Health-Related Quality of Life among Silica-Exposed Workers. Tanaffos, 2017, 16, 60-67.	0.5	4
72	The Influence of Vitamin E and Omega-3 Fatty Acids on Reproductive Health Indices Among Male Workers Exposed to Electromagnetic Fields. American Journal of Men's Health, 2022, 16, 155798832210748.	0.7	4

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73	The Prediction of Chronicity in Patients With Acute and Subacute Nonspecific Low Back Pain and Associated Risk Factors: A Case-Control Study. Pain Management Nursing, 2022, 23, 838-847.	0.4	4
74	Pulmonary Functions of Welders in Gas Transmission Pipelines in Iran. International Journal of Occupational Safety and Ergonomics, 2013, 19, 647-655.	1.1	3
75	Study of the Continuous Improvement Trend for Health, Safety and Environmental Indicators, after Establishment of Integrated Management System (IMS) in a Pharmaceutical Industry in Iran. Journal of Clinical and Diagnostic Research JCDR, 2015, 9, LC18-20.	0.8	3
76	Modeling heat stress changes based on wet-bulb globe temperature in respect to global warming. Journal of Environmental Health Science & Engineering, 2020, 18, 441-450.	1.4	3
77	Development of Molecularly Imprinted Membranes for Selective Determination of Urinary Ultra-Trace 5-Fluorouracil as Antineoplastic Drug Used in Chemotherapy. Macromolecular Research, 2020, 28, 390-399.	1.0	3
78	Biodegradation of toluene in a two-phase low-pressure bioscrubber with using silicon oil as organic phase. International Journal of Environmental Analytical Chemistry, 0, , 1-13.	1.8	3
79	Evaluation of Occupational Risk Factors in Non-Hodgkin Lymphoma and Hodgkin's Disease in Iranian Men. Iranian Journal of Cancer Prevention, 2012, 5, 189-93.	0.7	3
80	Optimization of dispersive liquid-liquid microextraction procedure for detecting chlorpyrifos in human urine samples. Medical Journal of the Islamic Republic of Iran, 2019, 33, 71.	0.9	3
81	Development and validation of a tool for the comprehensive risk assessment of musculoskeletal disorders (CRAMUD) among employees of a steel industry. Theoretical Issues in Ergonomics Science, 2023, 24, 335-358.	1.0	3
82	Biological monitoring of glazers exposed to lead in the ceramics industry in Iran. International Journal of Occupational Safety and Ergonomics, 2015, 21, 359-364.	1.1	2
83	Optimization of adsorption parameters of activated carbon modified with the oxidizing agent on adsorptive removal of toluene using response surface methodology (RSM). Journal of Dispersion Science and Technology, 2021, 42, 2101-2115.	1.3	2
84	Comparison of Different Heat Stress Indices for Assessing Farmers' Exposure to Heat Stress. Iranian Journal of Public Health, 2020, 49, 1810-1812.	0.3	2
85	Psychological and Psychosocial Impact and Related Factors during the COVID-19 Pandemic among Iranian Oil Refineries Personnel: A longitudinal study. Archives of Iranian Medicine, 2021, 24, 811-821.	0.2	2
86	Development of an observational - perceptual heat strain risk assessment (OPHSRA) index and its validation. BMC Public Health, 2021, 21, 2323.	1.2	2
87	Faunal data and envenomation emergency first aid of cone snails (Conus spp.) in Qeshm Island, the Persian Gulf. Asian Pacific Journal of Tropical Medicine, 2017, 10, 1167-1171.	0.4	1
88	Evaluation of direct reading photoionization detector performance under various operational parameters. Environmental Health Engineering and Management, 2021, 8, 123-128.	0.3	1
89	Removal of Bioaerosols Using Metal-Organic Frameworks Incorporated into Electrospun Nanofibers. Fibers and Polymers, 2021, 22, 2424-2432.	1.1	1
90	Biological Monitoring and Lung Function Assessment among Workers Exposed to Chromium in the Ceramic Industry. Journal of Research in Health Sciences, 2018, 18, e00408.	0.9	1

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91	Modeling and investigating the effect of parasol installation on solar radiant temperature reduction using COMSOL Multiphysics. International Journal of Occupational Safety and Ergonomics, 2023, 29, 627-641.	1.1	1
92	Evaluation of psychometric properties of the maastricht upper extremity questionnaire (MUEQ) in iranian computer users. Journal of Education and Health Promotion, 2021, 10, 245.	0.3	0
93	A novel nano-palladium embedded on the mesoporous silica nanoparticles for mercury vapor removal from air by the gas field separation consolidation process. Applied Nanoscience (Switzerland), 0, , 1.	1.6	0