

Rezvan Zendehtdel

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.

43
papers

259
citations

9
h-index

13
g-index

49
ext. papers

315
ext. citations

2.4
avg, IF

3.71
L-index

#	Paper	IF	Citations
43	A novel needle trap device with nanoporous silica aerogel packed for sampling and analysis of volatile aldehyde compounds in air. <i>Microchemical Journal</i> , 2017 , 134, 270-276	4.8	34
42	Determination of morphine in the plasma of addicts in using Zeolite Y extraction following high-performance liquid chromatography. <i>Clinica Chimica Acta</i> , 2006 , 364, 235-8	6.2	23
41	Analysis of formaldehyde and acrolein in the aqueous samples using a novel needle trap device containing nanoporous silica aerogel sorbent. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 171	3.1	19
40	Neurotoxicity effect of formaldehyde on occupational exposure and influence of individual susceptibility to some metabolism parameters. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 648	3.1	16
39	Cisplatin Resistant Patterns in Ovarian Cell Line Using FTIR and Principle Component Analysis. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 235-40	1.1	16
38	Chronic exposure to chlorophenol related compounds in the pesticide production workplace and lung cancer: a meta-analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 5149-53	1.7	14
37	Chemometrics models for assessment of oxidative stress risk in chrome-electroplating workers. <i>Drug and Chemical Toxicology</i> , 2015 , 38, 174-9	2.3	13
36	Patterns Prediction of Chemotherapy Sensitivity in Cancer Cell lines Using FTIR Spectrum, Neural Network and Principal Components Analysis. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 401-10	1.1	10
35	Dioxin Exposure in the Manufacture of Pesticide Production as a Risk Factor for Death from Prostate Cancer: A Meta-analysis. <i>Iranian Journal of Public Health</i> , 2018 , 47, 148-155	0.7	10
34	Synthesis, characterization and antibacterial activity of imidazole-functionalized Ag/MIL-101(Cr). <i>Journal of Porous Materials</i> , 2019 , 26, 1721-1729	2.4	9
33	Imidazole-Functionalized Ag/MOFs as Promising Scaffolds for Proper Antibacterial Activity and Toxicity Reduction of Ag Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 4622-4626	3.2	8
32	Comparison of Y and ZSM-5 zeolite modified with magnetite nanoparticles in removal of hydrogen sulfide from air. <i>International Journal of Environmental Science and Technology</i> , 2020 , 17, 187-194	3.3	8
31	Application of Needle Trap Device Based on the Carbon Aerogel for Trace Analysis of n-Hexane in Air Samples. <i>Chromatographia</i> , 2019 , 82, 1515-1521	2.1	7
30	Estimation of formaldehyde occupational exposure limit based on genetic damage in some Iranian exposed workers using benchmark dose method. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 31183-31189	5.1	7
29	DNA effects of low level occupational exposure to extremely low frequency electromagnetic fields (50/60 Hz). <i>Toxicology and Industrial Health</i> , 2019 , 35, 424-430	1.8	6
28	Development of a new method for sampling and monitoring oncology staff exposed to cyclophosphamide drug. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 238	3.1	6
27	Risk Evaluation of Construction Workers Exposure to Silica Dust and the Possible Lung Function Impairments. <i>Tanaffos</i> , 2017 , 16, 295-303	0.5	6

26	Supramolecular solvent-based microextraction techniques for sampling and preconcentration of heavy metals: A review. <i>Reviews in Analytical Chemistry</i> , 2021 , 40, 93-107	2.3	6
25	DNA damage in workers exposed to formaldehyde at concentrations below occupational exposure limits. <i>Toxicological and Environmental Chemistry</i> , 2017 , 99, 1409-1417	1.4	4
24	Discrimination of Human Cell Lines by Infrared Spectroscopy and Mathematical Modeling. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 803-10	1.1	4
23	Comparing the microbial inhibition of nanofibres with multi-metal ion exchanged nano-zeolite Y in air sampling. <i>Journal of Applied Microbiology</i> , 2020 , 128, 202-208	4.7	4
22	Magnetic nano-zeolite Y as a novel fluidized bed for air decontamination. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 1261-1268	3.3	4
21	A comprehensive review on microextraction techniques for sampling and analysis of fuel ether oxygenates in different matrices. <i>Microchemical Journal</i> , 2021 , 168, 106437	4.8	3
20	Inside-tube solid-phase microextraction as an interlink between solid-phase microextraction and needle device for n-hexane evaluation in air and urine headspace. <i>Biomedical Chromatography</i> , 2020 , 34, e4924	1.7	2
19	Genotoxic stress of particulate matter in the electric furnace of an iron casting industry on human lung epithelial cells; an in vitro study. <i>Toxin Reviews</i> , 2020 , 1-7	2.3	2
18	Genetic variation and risk of DNA damage in peripheral blood lymphocytes of Iranian formaldehyde-exposed workers. <i>Human and Experimental Toxicology</i> , 2018 , 37, 690-696	3.4	2
17	Neurological risk assessment of co-exposure to heavy metals (chromium and nickel) in chromium-electroplating workers. <i>Work</i> , 2019 , 63, 355-360	1.6	2
16	Investigation of gene expressions in differentiated cell derived bone marrow stem cells during bone morphogenetic protein-4 treatments with Fourier transform infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 173, 695-703	4.4	2
15	Oxidative Damage Modeling by Biomonitoring of Exposure to Metals for Manual Metal Arc Welders. <i>Health Scope</i> , 2014 , 3,	1.1	2
14	Improved Method for Analysis of Airborne Asbestos Fibers Using Phase Contrast Microscopy and FTIR Spectrometry. <i>Tanaffos</i> , 2014 , 13, 38-45	0.5	2
13	Predicting of Effective Dose as Biomarker for Cytotoxicity Using Partial Least Square-Fourier Transform Infrared Spectroscopy (PLS_FTIR). <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 1189-96	1.1	2
12	Effect of tea consumption on oxidative stress and expression of DNA repair genes among metal press workers exposed to occupational noise. <i>Toxicology Research</i> , 2021 , 10, 134-140	2.6	2
11	Risk assessment of chemical mixtures by benchmark dose-principle component analysis approach in occupational exposure. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 58781-58786	5.1	1
10	Occupational exposure to metal-rich particulate matter modifies the expression of repair genes in foundry workers. <i>Toxicology and Industrial Health</i> , 2021 , 37, 504-512	1.8	1
9	Presenting a New Method to Evaluate the Severity of the Incompatibility of Dangerous Goods Based on FTOPSIS: A Case Study of the 4.3 Class. <i>Journal of Chemical Health and Safety</i> , 2021 , 28, 339-347	1.7	1

8	Effect of Co-exposure to Heat and Psychological Stressors on Sperm DNA and Semen Parameters.. <i>Toxicology Reports</i> , 2021 , 8, 1948-1954	4.8	○
7	A method development for bacterial quantification and qualification in occupational exposure. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 82	3.1	○
6	Quality assessment of DNA and hemoglobin by Fourier transform infrared spectroscopy in occupational exposure to extremely low-frequency magnetic field. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 45374-45380	5.1	○
5	Development of a new method for biomonitoring of multiple metals in occupational exposure. <i>Journal of Occupational and Environmental Hygiene</i> , 2018 , 15, 833-840	2.9	○
4	Peroxidase-like reaction by a synergistic inorganic catalyst colloid: a new method for hydrogen peroxide detecting in air samples. <i>Colloid and Polymer Science</i> , 2021 , 299, 1567-1575	2.4	○
3	Release of Interleukin-1β evaluation among mineral oil mist-exposed workers.. <i>Toxicology and Industrial Health</i> , 2022 , 7482337221090708	1.8	
2	Investigating the Ventilation System of an Intensive Care Unit in the COVID-19 Crisis: A Study in a Hospital of Tehran, Iran.. <i>Tanaffos</i> , 2021 , 20, 240-245	0.5	
1	Lung cell toxicity of co-exposure to airborne particulate matter and extremely low-frequency magnetic field. <i>Xenobiotica</i> , 1-10	2	