

# Rezvan Zendehtdel

## List of Publications by Year in Descending Order

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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 | Release of Interleukin-1 $\beta$ evaluation among mineral oil mist-exposed workers.. <i>Toxicology and Industrial Health</i> , <b>2022</b> , 7482337221090708   | 1.8 | 0         |
| 42 | Effect of Co-exposure to Heat and Psychological Stressors on Sperm DNA and Semen Parameters.. <i>Toxicology Reports</i> , <b>2021</b> , 8, 1948-1954  | 4.8 | 0         |
| 41 | Risk assessment of chemical mixtures by benchmark dose-principle component analysis approach in occupational exposure. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 58781-58786                                  | 5.1 | 1         |
| 40 | Occupational exposure to metal-rich particulate matter modifies the expression of repair genes in foundry workers. <i>Toxicology and Industrial Health</i> , <b>2021</b> , 37, 504-512  | 1.8 | 1         |
| 39 | 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> , <b>2021</b> , 10, 134-140  | 2.6 | 2         |
| 38 | Supramolecular solvent-based microextraction techniques for sampling and preconcentration of heavy metals: A review. <i>Reviews in Analytical Chemistry</i> , <b>2021</b> , 40, 93-107  | 2.3 | 6         |
| 37 | 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> , <b>2021</b> , 28, 339-347                        | 1.7 | 1         |
| 36 | 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> , <b>2021</b> , 299, 1567-1575  | 2.4 | 0         |
| 35 | A comprehensive review on microextraction techniques for sampling and analysis of fuel ether oxygenates in different matrices. <i>Microchemical Journal</i> , <b>2021</b> , 168, 106437   | 4.8 | 3         |
| 34 | 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> , <b>2021</b> , 20, 240-245  | 0.5 | 0         |
| 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> , <b>2020</b> , 30, 4622-4626   | 3.2 | 8         |
| 32 | 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> , <b>2020</b> , 34, e4924                | 1.7 | 2         |
| 31 | 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> , <b>2020</b> , 1-7  | 2.3 | 2         |
| 30 | Comparing the microbial inhibition of nanofibres with multi-metal ion exchanged nano-zeolite Y in air sampling. <i>Journal of Applied Microbiology</i> , <b>2020</b> , 128, 202-208   | 4.7 | 4         |
| 29 | A method development for bacterial quantification and qualification in occupational exposure. <i>Environmental Monitoring and Assessment</i> , <b>2020</b> , 192, 82  | 3.1 | 0         |
| 28 | 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> , <b>2020</b> , 27, 45374-45380 | 5.1 | 0         |
| 27 | 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> , <b>2020</b> , 17, 187-194                           | 3.3 | 8         |

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| 26 | Synthesis, characterization and antibacterial activity of imidazole-functionalized Ag/MIL-101(Cr). <i>Journal of Porous Materials</i> , <b>2019</b> , 26, 1721-1729  | 2.4 | 9  |
| 25 | DNA effects of low level occupational exposure to extremely low frequency electromagnetic fields (50/60 Hz). <i>Toxicology and Industrial Health</i> , <b>2019</b> , 35, 424-430   | 1.8 | 6  |
| 24 | Application of Needle Trap Device Based on the Carbon Aerogel for Trace Analysis of n-Hexane in Air Samples. <i>Chromatographia</i> , <b>2019</b> , 82, 1515-1521  | 2.1 | 7  |
| 23 | Neurological risk assessment of co-exposure to heavy metals (chromium and nickel) in chromium-electroplating workers. <i>Work</i> , <b>2019</b> , 63, 355-360  | 1.6 | 2  |
| 22 | Magnetic nano-zeolite Y as a novel fluidized bed for air decontamination. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 1261-1268   | 3.3 | 4  |
| 21 | Genetic variation and risk of DNA damage in peripheral blood lymphocytes of Iranian formaldehyde-exposed workers. <i>Human and Experimental Toxicology</i> , <b>2018</b> , 37, 690-696   | 3.4 | 2  |
| 20 | 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> , <b>2018</b> , 47, 148-155   | 0.7 | 10 |
| 19 | 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> , <b>2018</b> , 25, 31183-31189  | 5.1 | 7  |
| 18 | Development of a new method for biomonitoring of multiple metals in occupational exposure. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2018</b> , 15, 833-840  | 2.9 | 0  |
| 17 | DNA damage in workers exposed to formaldehyde at concentrations below occupational exposure limits. <i>Toxicological and Environmental Chemistry</i> , <b>2017</b> , 99, 1409-1417   | 1.4 | 4  |
| 16 | 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> , <b>2017</b> , 189, 171  | 3.1 | 19 |
| 15 | A novel needle trap device with nanoporous silica aerogel packed for sampling and analysis of volatile aldehyde compounds in air. <i>Microchemical Journal</i> , <b>2017</b> , 134, 270-276  | 4.8 | 34 |
| 14 | 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> , <b>2017</b> , 173, 695-703 | 4.4 | 2  |
| 13 | Risk Evaluation of Construction Workers Exposure to Silica Dust and the Possible Lung Function Impairments. <i>Tanaffos</i> , <b>2017</b> , 16, 295-303  | 0.5 | 6  |
| 12 | Neurotoxicity effect of formaldehyde on occupational exposure and influence of individual susceptibility to some metabolism parameters. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 648  | 3.1 | 16 |
| 11 | Development of a new method for sampling and monitoring oncology staff exposed to cyclophosphamide drug. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 238   | 3.1 | 6  |
| 10 | Chemometrics models for assessment of oxidative stress risk in chrome-electroplating workers. <i>Drug and Chemical Toxicology</i> , <b>2015</b> , 38, 174-9  | 2.3 | 13 |
| 9  | Discrimination of Human Cell Lines by Infrared Spectroscopy and Mathematical Modeling. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2015</b> , 14, 803-10  | 1.1 | 4  |

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|---|--|-----|----|
| 8 | 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> , <b>2015</b> , 14, 1189-96  | 1.1 | 2  |
| 7 | Oxidative Damage Modeling by Biomonitoring of Exposure to Metals for Manual Metal Arc Welders. <i>Health Scope</i> , <b>2014</b> , 3,  | 1.1 | 2  |
| 6 | Improved Method for Analysis of Airborne Asbestos Fibers Using Phase Contrast Microscopy and FTIR Spectrometry. <i>Tanaffos</i> , <b>2014</b> , 13, 38-45  | 0.5 | 2  |
| 5 | 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> , <b>2014</b> , 15, 5149-53                 | 1.7 | 14 |
| 4 | Cisplatin Resistant Patterns in Ovarian Cell Line Using FTIR and Principle Component Analysis. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2012</b> , 11, 235-40  | 1.1 | 16 |
| 3 | 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> , <b>2012</b> , 11, 401-10 | 1.1 | 10 |
| 2 | Determination of morphine in the plasma of addicts in using Zeolite Y extraction following high-performance liquid chromatography. <i>Clinica Chimica Acta</i> , <b>2006</b> , 364, 235-8                                | 6.2 | 23 |
| 1 | Lung cell toxicity of co-exposure to airborne particulate matter and extremely low-frequency magnetic field. <i>Xenobiotica</i> , 1-10   | 2   |    |