

# Aliakbar Dehghan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3609804/publications.pdf>

Version: 2024-02-01

17  
papers

540  
citations

1040056

9  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

690  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Tetracycline removal from aqueous solutions using zeolitic imidazolate frameworks with different morphologies: A mathematical modeling. <i>Chemosphere</i> , 2019, 217, 250-260.   | 8.2 | 97        |
| 2  | Removing Reactive Red 120 and 196 using chitosan/zeolite composite from aqueous solutions: Kinetics, isotherms, and process optimization. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 51, 185-195.  | 5.8 | 93        |
| 3  | Heavy metals exposure, carcinogenic and non-carcinogenic human health risks assessment of groundwater around mines in Joghatai, Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1884-1899.   | 3.3 | 86        |
| 4  | Removal of methylene blue dye from aqueous solutions by a new chitosan/zeolite composite from shrimp waste: Kinetic and equilibrium study. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 1699-1707.  | 2.7 | 78        |
| 5  | Adsorption and visible-light photocatalytic degradation of tetracycline hydrochloride from aqueous solutions using 3D hierarchical mesoporous BiOI: Synthesis and characterization, process optimization, adsorption and degradation modeling. <i>Chemical Engineering Research and Design</i> , 2018, 129, 217-230. | 5.6 | 53        |
| 6  | Enhanced Kinetic Removal of Ciprofloxacin onto Metal-Organic Frameworks by Sonication, Process Optimization and Metal Leaching Study. <i>Nanomaterials</i> , 2019, 9, 1422.  | 4.1 | 49        |
| 7  | Combination of electrocoagulation and MOF adsorption systems for EBT removal from water. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1307-1317.  | 3.3 | 21        |
| 8  | Biomass-derived porous aminated graphitic nanosheets for removal of the pharmaceutical metronidazole: Optimization of physicochemical features and exploration of process mechanisms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125791.                                   | 4.7 | 21        |
| 9  | Vanadium dioxide nanoparticles as a promising sorbent for controlled removal of waterborne fluoroquinolone ciprofloxacin. <i>Materials Chemistry and Physics</i> , 2021, 259, 123993.  | 4.0 | 17        |
| 10 | Improving Formaldehyde Removal from Water and Wastewater by Fenton, Photo-Fenton and Ozonation/Fenton Processes through Optimization and Modeling. <i>Water (Switzerland)</i> , 2021, 13, 2754.  | 2.7 | 7         |
| 11 | Heavy metal concentration in water, soil and cultivated vegetables at the edge of Kashaf Roud River, Mashhad, Iran: ecological risk assessment and bioaccumulation factor. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-22.   | 3.3 | 5         |
| 12 | Photocatalytic degradation of methylene blue dye using bismuth oxyiodide from aqueous solutions. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 9519-9531.  | 3.3 | 4         |
| 13 | Data on assessment of physical, chemical and biological characteristics of effluent from wastewater treatment in Torbat Heydarieh, Iran. <i>Data in Brief</i> , 2018, 19, 1287-1290.   | 1.0 | 3         |
| 14 | Survey of wastes management status of Khayyam industrial estate in Neyshabur City (Northeastern) Tj ETQq0 0 0 rBT /Overlock 10 Tf 5  | 1.8 | 3         |
| 15 | Concentrations and human health implications of toxic elements in drinking water of Sabzevar, Khorasan Razavi. <i>Toxin Reviews</i> , 2020, 39, 258-265.   | 3.4 | 2         |
| 16 | Assessment of bacterial toxicity of zeolitic imidazole framework-8. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-13.  | 3.3 | 1         |
| 17 | Health Impacts of Exposure to Heavy Metals in Some Selected Lipstick Products Available in Mashhad, Iran. <i>Avicenna Journal of Environmental Health Engineering</i> , 2019, 6, 113-118.  | 0.6 | 0         |