

Mohammad Khazaei

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

14,762
citations

516561

16
h-index

454834

30
g-index

39
all docs

39
docs citations

39
times ranked

26433
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of fingernail samples as a biomarker for human exposure to arsenic-contaminated drinking waters. <i>Scientific Reports</i> , 2022, 12, 4733.	1.6	5
2	The relationship between chronic exposure to arsenic through drinking water and hearing function in exposed population aged 10–49 years: A cross-sectional study. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111939.	2.9	12
3	Removal of methylene blue dye by peroxymonosulfate using ZnO nanoparticles using central composite design: Kinetic study. <i>Inorganic Chemistry Communication</i> , 2021, 127, 108500.	1.8	13
4	Deterministic and probabilistic human health risk assessment approach of exposure to heavy metals in drinking water sources: A case study of a semi-arid region in the west of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1047-1055.	1.4	6
5	Contamination of Selective Vegetables of Hamadan With Heavy Metals: Non-carcinogenic Risk Assessment. <i>Avicenna Journal of Environmental Health Engineering</i> , 2021, 8, 43-51.	0.3	0
6	Prediction of the optimal dosage of coagulants in water treatment plants through developing models based on artificial neural network fuzzy inference system (ANFIS). <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1543-1553.	1.4	19
7	Assessment the Quality of Bottled Drinking Water Through Mamdani Fuzzy Water Quality Index. <i>Water Resources Management</i> , 2021, 35, 5431-5452.	1.9	10
8	Removal of Chromate and Nitrate Ions from Aqueous Solutions by Co ₃ Fe ₃ O ₄ @silica Hybrid Nanoparticles Decorated with Cross-Linked Tragacanth Gum: Experiment, Modeling and Optimization. <i>ChemistrySelect</i> , 2020, 5, 5404-5413.	0.7	6
9	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	13.7	161
10	A Highly Sensitive and Selective Electrochemical Mercury(II) Sensor Based on Nanoparticles of Hg(II)-imprinted Polymer and Graphitic Carbon Nitride (g-C ₃ N ₄). <i>International Journal of Electrochemical Science</i> , 2019, , 6420-6430.	0.5	16
11	A comparative study for the removal of imidacloprid insecticide from water by chemical-less UVC, UVC/TiO ₂ and UVC/ZnO processes. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 337-351.	1.4	30
12	Selective removal of lead ions from aqueous solutions using 1,8-dihydroxyanthraquinone (DHAQ) functionalized graphene oxide; isotherm, kinetic and thermodynamic studies. <i>RSC Advances</i> , 2018, 8, 5685-5694.	1.7	15
13	Trends of metals enrichment in deposited particulate matter at semi-arid area of Iran. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18737-18751.	2.7	23
14	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1923-1994.	6.3	3,269
15	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1789-1858.	6.3	8,569
16	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1859-1922.	6.3	2,123
17	Selective removal of mercury(II) from water using a 2,2-dithiodisalicic acid-functionalized graphene oxide nanocomposite: Kinetic, thermodynamic, and reusability studies. <i>Journal of Molecular Liquids</i> , 2018, 265, 189-198.	2.3	21
18	Hexavalent chromium removal from aqueous solution using functionalized chitosan as a novel nano-adsorbent: modeling and optimization, kinetic, isotherm, and thermodynamic studies, and toxicity testing. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20154-20168.	2.7	38

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19	A FUZZY MULTI-CRITERIA DECISION MAKING APPROACH FOR EVALUATING THE HEALTH-CARE WASTE TREATMENT ALTERNATIVES. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 2795-2805.	0.2	6
20	Comparison of Moringa stenopetala seed extract as a clean coagulant with Alum and Moringa stenopetala-Alum hybrid coagulant to remove direct dye from Textile Wastewater. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16396-16405.	2.7	88
21	Effects of Resveratrol on Receptor for Advanced Glycation End Products (RAGE) Expression and Oxidative Stress in the Liver of Rats with Type 2 Diabetes. <i>Phytotherapy Research</i> , 2016, 30, 66-71.	2.8	59
22	Response surface modeling of lead (Pb) removal by graphene oxide-Fe ₃ O ₄ nanocomposite using central composite design. <i>Journal of Environmental Health Science & Engineering</i> , 2016, 14, 2.	1.4	41
23	Nitrogen and phosphorous removal from aerated lagoon effluent using horizontal roughing filter (HRF). <i>Desalination and Water Treatment</i> , 2016, 57, 5425-5434.	1.0	11
24	Heterogeneous catalytic ozonation by Nano-MgO is better than sole ozonation for metronidazole degradation, toxicity reduction, and biodegradability improvement. <i>Desalination and Water Treatment</i> , 2016, 57, 16435-16444.	1.0	29
25	Hierarchical distance-based fuzzy approach to evaluate urban water supply systems in a semi-arid region. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 53.	1.4	12
26	Resveratrol-Dependent Down-Regulation of Receptor for Advanced Glycation End Products and Oxidative Stress in Kidney of Rats With Diabetes. <i>International Journal of Endocrinology and Metabolism</i> , 2015, 13, e23542.	0.3	56
27	Performance of Microbial Fuel Cell for Wastewater Treatment and Electricity Generation. <i>International Journal of Renewable Energy Development</i> , 2013, 2, 131-135.	1.2	2
28	Considering the effect of different arrangements of pentagons on density of states of capped carbon nanotubes. <i>Physica B: Condensed Matter</i> , 2011, 406, 3885-3890.	1.3	4
29	Contingency ranking using neural networks by Radial Basis Function method. , 2008, , .		5
30	Field Emission Signature of Pentagons at Carbon Nanotube Caps. <i>Journal of Physical Chemistry C</i> , 2007, 111, 6690-6693.	1.5	24
31	Effects of Cs treatment on field emission properties of capped carbon nanotubes. <i>Surface Science</i> , 2007, 601, 1501-1506.	0.8	14
32	Field Emission Patterns from First-Principles Electronic Structures: Application to Pristine and Cesium-Doped Carbon Nanotubes. <i>Physical Review Letters</i> , 2005, 95, 177602.	2.9	48
33	Transformers polychlorinated biphenyls analysis and waste management in gas companies, case study: Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-9.	1.8	2
34	Using Fe/Ag nanostructures covered by Zn for the degradation of 2, 4 dichlorophenoxyacetic acid assisting with light irradiation and ozonation; optimisation and kinetic studies. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-14.	1.8	1
35	Modeling mercury (II) removal at ultra-low levels from aqueous solution using graphene oxide functionalized with magnetic nanoparticles: optimization, kinetics, and isotherm studies. , 0, 83, 144-158.		7
36	Removal of phosphate from aqueous solutions using modified activated carbon prepared from agricultural waste (<i>Populus caspica</i>): optimization, kinetic, isotherm and thermodynamic studies. , 0, 133, 177-190.		13