Mohammad Khazaei

List of Publications by Year
in descending order

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	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€"2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1789-1858.	6.3	8,569
2	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, 1990â€"2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1923-1994.	6.3	3,269
3	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€"2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1859-1922.	6.3	2,123
4	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. Nature, 2019, 574, 353-358.	13.7	161
5	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. Environmental Science and Pollution Research, 2016, 23, 16396-16405.	2.7	88
6	Effects of Resveratrol on Receptor for Advanced Glycation End Products (RAGE) Expression and Oxidative Stress in the Liver of Rats with Type 2 Diabetes. Phytotherapy Research, 2016, 30, 66-71.	2.8	59
7	Resveratrol-Dependent Down-Regulation of Receptor for Advanced Glycation End Products and Oxidative Stress in Kidney of Rats With Diabetes. International Journal of Endocrinology and Metabolism, 2015, 13, e23542.	0.3	56
8	Field Emission Patterns from First-Principles Electronic Structures: Application to Pristine and Cesium-Doped Carbon Nanotubes. Physical Review Letters, 2005, 95, 177602.	2.9	48
9	Response surface modeling of lead (×€×€) removal by graphene oxide-Fe3O4 nanocomposite using central composite design. Journal of Environmental Health Science & Engineering, 2016, 14, 2.	1.4	41
10	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. Environmental Science and Pollution Research, 2018, 25, 20154-20168.	2.7	38
11	A comparative study for the removal of imidacloprid insecticide from water by chemical-less UVC, UVC/TiO2 and UVC/ZnO processes. Journal of Environmental Health Science & Engineering, 2019, 17, 337-351.	1.4	30
12	Heterogeneous catalytic ozonation by Nano-MgO is better than sole ozonation for metronidazole degradation, toxicity reduction, and biodegradability improvement. Desalination and Water Treatment, 2016, 57, 16435-16444.	1.0	29
13	Field Emission Signature of Pentagons at Carbon Nanotube Caps. Journal of Physical Chemistry C, 2007, 111, 6690-6693.	1.5	24
14	Trends of metals enrichment in deposited particulate matter at semi-arid area of Iran. Environmental Science and Pollution Research, 2018, 25, 18737-18751.	2.7	23
15	Selective removal of mercury(II) from water using a 2,2-dithiodisalicylic acid-functionalized graphene oxide nanocomposite: Kinetic, thermodynamic, and reusability studies. Journal of Molecular Liquids, 2018, 265, 189-198.	2.3	21
16	Prediction of the optimal dosage of coagulants in water treatment plants through developing models based on artificial neural network fuzzy inference system (ANFIS). Journal of Environmental Health Science & Engineering, 2021, 19, 1543-1553.	1.4	19
17	A Highly Sensitive and Selective Electrochemical Mercury(II) Sensor Based on Nanoparticles of Hg(II)-imprinted Polymer and Graphitic Carbon Nitride (g-C3N4). International Journal of Electrochemical Science, 2019, , 6420-6430.	0.5	16
18	Selective removal of lead ions from aqueous solutions using 1,8-dihydroxyanthraquinone (DHAQ) functionalized graphene oxide; isotherm, kinetic and thermodynamic studies. RSC Advances, 2018, 8, 5685-5694.	1.7	15

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19	Effects of Cs treatment on field emission properties of capped carbon nanotubes. Surface Science, 2007, 601, 1501-1506.	0.8	14
20	Degradation and mineralization of methylene blue dye by peroxymonosulfate/<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si36.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="italic">Mn</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi nanoparticles using central composite design: Kinetic study. Inorganic Chemistry Communication, 2021, 127, 108501.	1.8	13
21	Removal of phosphate from aqueous solutions using modified activated carbon prepared from agricultural waste (Populous caspica): optimization, kinetic, isotherm and thermodynamic studies. , 0, 133, 177-190.		13
22	Hierarchical distance-based fuzzy approach to evaluate urban water supply systems in a semi-arid region. Journal of Environmental Health Science & Engineering, 2015, 13, 53.	1.4	12
23	The relationship between chronic exposure to arsenic through drinking water and hearing function in exposed population aged 10â€"49 years: A cross-sectional study. Ecotoxicology and Environmental Safety, 2021, 211, 111939.	2.9	12
24	Nitrogen and phosphorous removal from aerated lagoon effluent using horizontal roughing filter (HRF). Desalination and Water Treatment, 2016, 57, 5425-5434.	1.0	11
25	Assessment the Quality of Bottled Drinking Water Through Mamdani Fuzzy Water Quality Index. Water Resources Management, 2021, 35, 5431-5452.	1.9	10
26	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
27	Removal of Chromate and Nitrate Ions from Aqueous Solutions by Co_{<i>x</i>}Fe_{3â€<i>x</i>}O₄@silica Hybrid Nanoparticles Decorated with Crossâ€Linked Tragacanth Gum: Experiment, Modeling and Optimization. ChemistrySelect, 2020, 5, 5404-5413.	0.7	6
28	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. Journal of Environmental Health Science & Engineering, 2021, 19, 1047-1055.	1.4	6
29	A FUZZY MULTI-CRITERIA DECISION MAKING APPROACH FOR EVALUATING THE HEALTH-CARE WASTE TREATMENT ALTERNATIVES. Environmental Engineering and Management Journal, 2018, 17, 2795-2805.	0.2	6
30	Contingency ranking using neural networks by Radial Basis Function method. , 2008, , .		5
31	Application of fingernail samples as a biomarker for human exposure to arsenic-contaminated drinking waters. Scientific Reports, 2022, 12, 4733.	1.6	5
32	Considering the effect of different arrangements of pentagons on density of states of capped carbon nanotubes. Physica B: Condensed Matter, 2011, 406, 3885-3890.	1.3	4
33	Performance of Microbial Fuel Cell for Wastewater Treatment and Electricity Generation. International Journal of Renewable Energy Development, 2013, 2, 131-135.	1.2	2
34	Transformers polychlorinated biphenyls analysis and waste management in gas companies, case study: Iran. International Journal of Environmental Analytical Chemistry, 0, , 1-9.	1.8	2
35	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. International Journal of Environmental Analytical Chemistry, 0, , 1-14.	1.8	1
36	Contamination of Selective Vegetables of Hamadan With Heavy Metals: Non-carcinogenic Risk Assessment. Avicenna Journal of Environmental Health Engineering, 2021, 8, 43-51.	0.3	0