Mehrnoosh Abtahi

List of Publications by Year
in descending order

45 papers	1,389 citations	361413 20 h-index	345221 36 g-index
46 all docs	46 docs citations	46 times ranked	1765 citing authors

#	Article	IF	Citations
1	Enhanced biosurfactant-assisted composting of oily sludge using a diverse halo-tolerant consortium in the saline environment: effect of repeated inoculation and mixing ratios. Biomass Conversion and Biorefinery, 2024, 14, 2405-2419.	4.6	1
2	Predicting the capability of diatomite magnano composite boosted with polymer extracted from brown seaweeds for the adsorption of cyanide from water solutions using the response surface methodology: modelling and optimisation. International Journal of Environmental Analytical Chemistry, 2023, 103, 4702-4715.	3.3	13
3	Application of the Fe_3O_4/ alginate/ diatomite nano-adsorbent for the adsorption of palladium and cyanide from wastewater: optimisation, kinetic and equilibrium studies. International Journal of Environmental Analytical Chemistry, 2023, 103, 6076-6096.	3.3	2
4	Assessment of burden of disease induced by exposure to heavy metals through drinking water at national and subnational levels in Iran, 2019. Environmental Research, 2022, 204, 112057.	7.5	19
5	Burden of disease induced by public overexposure to solar ultraviolet radiation (SUVR) at the national and subnational levels in Iran, 2005–2019. Environmental Pollution, 2022, 292, 118411.	7.5	5
6	National and subnational burden of disease attributable to occupational exposure to solar ultraviolet radiation (SUVR) in Iran, 2005–2019. International Journal of Hygiene and Environmental Health, 2022, 240, 113897.	4.3	4
7	Knowledge, Attitude, and Practice on Health Behaviors Regarding Air Pollution from Burning Waste: A Cross-sectional Study Among Villagers in the North of Iran in 2020. Jundishapur Journal of Health Sciences, 2022, 14, .	0.2	0
8	Characterization, source identification, and health risk assessment of odorous compounds in solid waste management facility of Tehran. Air Quality, Atmosphere and Health, 2022, 15, 1609-1621.	3.3	2
9	The concentration and probabilistic health risk assessment of nitrate in Iranian drinking water: a case study of Ilam city. Toxin Reviews, 2021, 40, 1048-1057.	3.4	18
10	An innovative index for assessing vulnerability of employees of different occupations from the COVID-19 pandemic in Iran. Environmental Research, 2021, 197, 111039.	7.5	4
11	Photo-catalytic degradation of ofloxacin with UV/ ZnO / KI process: Performance, kinetic, energy consumption and the pathway. Optik, 2021, 248, 168053.	2.9	2
12	Eco-friendly rapid removal of palladium from aqueous solutions using alginate-diatomite magnano composite. Journal of Environmental Chemical Engineering, 2021, 9, 105954.	6.7	31
13	Spatiotemporal analysis of solar ultraviolet radiation based on Ozone Monitoring Instrument dataset in Iran, 2005–2019. Environmental Pollution, 2021, 287, 117643.	7.5	4
14	Assessing contribution of bottled water in nutrient absorption using the bottled water nutritional quality index (BWNQI) in Iran. Scientific Reports, 2021, 11, 24322.	3.3	2
15	Age-sex specific and cause-specific health risk and burden of disease induced by exposure to trihalomethanes (THMs) and haloacetic acids (HAAs) from drinking water: An assessment in four urban communities of Bushehr Province, Iran, 2017. Environmental Research, 2020, 182, 109062.	7.5	27
16	Remediation of oily sludge wastes using biosurfactant produced by bacterial isolate Pseudomonas balearica strain Z8. Journal of Environmental Health Science & Engineering, 2020, 18, 531-539.	3.0	11
17	Assessment of indoor air pollutant concentrations and emissions from natural gas cooking burners in residential buildings in Tehran, Iran. Air Quality, Atmosphere and Health, 2020, 13, 409-420.	3.3	9
18	Photo-biological degradation of Bisphenol A, UV/ZnO/Iodide process at the center of biological reactor. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 374, 115-124.	3.9	24

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19	Enhancing photo-degradation of ciprofloxacin using simultaneous usage of eaqâˆ' and OH over UV/ZnO/I- process: Efficiency, kinetics, pathways, and mechanisms. Journal of Hazardous Materials, 2019, 377, 418-426.	12.4	70
20	Surfactant-enhanced Bioremediation of n-Hexadecane-contaminated Soil Using Halo-tolerant Bacteria Paenibacillus glucanolyticus sp. Strain T7-AHV Isolated from Marine Environment. Chemical and Biochemical Engineering Quarterly, 2019, 33, 111-123.	0.9	9
21	Age-sex specific disability-adjusted life years (DALYs) attributable to elevated levels of fluoride in drinking water: A national and subnational study in Iran, 2017. Water Research, 2019, 157, 94-105.	11.3	31
22	Health risk of phthalates in water environment: Occurrence in water resources, bottled water, and tap water, and burden of disease from exposure through drinking water in tehran, Iran. Environmental Research, 2019, 173, 469-479.	7.5	119
23	Synthesis and characterization of a new magnetic adsorbent for removal of 4-nitrophenol: application of response surface methodology. Water Science and Technology, 2019, 80, 1430-1442.	2.5	7
24	Photo-catalytic degradation of triclosan with UV/iodide/ZnO process: Performance, kinetic, degradation pathway, energy consumption and toxicology. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 371, 423-432.	3.9	62
25	The synthesis and application of the SiO 2 @Fe 3 O 4 @MBT nanocomposite as a new magnetic sorbent for the adsorption of arsenate from aqueous solutions: Modeling, optimization, and adsorption studies. Journal of Molecular Liquids, 2018, 255, 313-323.	4.9	33
26	Defluoridation of synthetic and natural waters by polyaluminum chloride-chitosan (PACl-Ch) composite coagulant. Water Science and Technology: Water Supply, 2018, 18, 259-269.	2.1	14
27	Synthesis and characterization of polysulfone/graphene oxide nano-composite membranes for removal of bisphenol A from water. Journal of Environmental Management, 2018, 205, 174-182.	7.8	68
28	The Concentration of BTEX in the Air of Tehran: A Systematic Review-Meta Analysis and Risk Assessment. International Journal of Environmental Research and Public Health, 2018, 15, 1837.	2.6	45
29	National and subnational mortality and disability-adjusted life years (DALYs) attributable to 17 occupational risk factors in Iran, 1990â€"2015. Environmental Research, 2018, 165, 158-175.	7.5	19
30	Age-sex specific and sequela-specific disability-adjusted life years (DALYs) due to dental caries preventable through water fluoridation: An assessment at the national and subnational levels in Iran, 2016. Environmental Research, 2018, 167, 372-385.	7.5	16
31	Application of graphene oxide modified with 8-hydroxyquinoline for the adsorption of Cr (VI) from wastewater: Optimization, kinetic, thermodynamic and equilibrium studies. Journal of Molecular Liquids, 2017, 233, 75-88.	4.9	61
32	National and sub-national age-sex specific and cause-specific mortality and disability-adjusted life years (DALYs) attributable to household air pollution from solid cookfuel use (HAP) in Iran, 1990â€"2013. Environmental Research, 2017, 156, 87-96.	7.5	33
33	Fe 3 O 4 @HAP-enhanced photocatalytic degradation of Acid Red73 in aqueous suspension: Optimization, kinetic, and mechanism studies. Materials Research Bulletin, 2017, 91, 59-67.	5.2	28
34	Self-purification of marine environments for heavy metals: a study on removal of lead(II) and copper(II) by cuttlebone. Water Science and Technology, 2017, 75, 474-481.	2.5	11
35	Enhanced Sono-Fenton-Like Oxidation of PAH-Contaminated Soil Using Nano-Sized Magnetite as Catalyst: Optimization with Response Surface Methodology. Soil and Sediment Contamination, 2017, 26, 538-557.	1.9	28
36	Heavy metals (As, Cr, Pb, Cd and Ni) concentrations in rice (<i>Oryza sativa</i>) from Iran and associated risk assessment: a systematic review. Toxin Reviews, 2017, 36, 331-341.	3.4	115

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37	Transformer oils as a potential source of environmental exposure to polychlorinated biphenyls (PCBs): an assessment in three central provinces of Iran. Environmental Science and Pollution Research, 2017, 24, 19098-19103.	5.3	9
38	Enhanced coagulation-photocatalytic treatment of Acid red 73 dye and real textile wastewater using UVA/synthesized MgO nanoparticles. Journal of Environmental Management, 2016, 177, 111-118.	7.8	137
39	An innovative drinking water nutritional quality index (DWNQI) for assessing drinking water contribution to intakes of dietary elements: A national and sub-national study in Iran. Ecological Indicators, 2016, 60, 367-376.	6.3	23
40	A modified drinking water quality index (DWQI) for assessing drinking source water quality in rural communities of Khuzestan Province, Iran. Ecological Indicators, 2015, 53, 283-291.	6.3	74
41	Removal of dichloromethane from waste gas streams using a hybrid bubble column/biofilter bioreactor. Journal of Environmental Health Science & Engineering, 2014, 12, 22.	3.0	7
42	Dichloromethane emissions from automotive manufacturing industry in Iran: case study of the SAIPA automotive manufacturing company. Toxicological and Environmental Chemistry, 2013, 95, 757-764.	1.2	7
43	Assessment of water quality in groundwater resources of Iran using a modified drinking water quality index (DWQI). Ecological Indicators, 2013, 30, 28-34.	6.3	148
44	Biosorption of As(III) and As(V) from aqueous solutions by brown macroalga *Colpomenia sinuosa* biomass: kinetic and equilibrium studies. Desalination and Water Treatment, 2013, 51, 3224-3232.	1.0	33
45	Occurrence of polycyclic aromatic hydrocarbons in meat and meat products: systematic review, meta-analysis and probabilistic human health risk. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	3.3	3