

Mehrnoosh Abtahi

List of Publications by Year in descending order

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Version: 2024-02-01

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	Assessment of water quality in groundwater resources of Iran using a modified drinking water quality index (DWQI). <i>Ecological Indicators</i> , 2013, 30, 28-34.	6.3	148
2	Enhanced coagulation-photocatalytic treatment of Acid red 73 dye and real textile wastewater using UVA/synthesized MgO nanoparticles. <i>Journal of Environmental Management</i> , 2016, 177, 111-118.	7.8	137
3	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. <i>Environmental Research</i> , 2019, 173, 469-479.	7.5	119
4	Heavy metals (As, Cr, Pb, Cd and Ni) concentrations in rice (<i>Oryza sativa</i>) from Iran and associated risk assessment: a systematic review. <i>Toxin Reviews</i> , 2017, 36, 331-341.	3.4	115
5	A modified drinking water quality index (DWQI) for assessing drinking source water quality in rural communities of Khuzestan Province, Iran. <i>Ecological Indicators</i> , 2015, 53, 283-291.	6.3	74
6	Enhancing photo-degradation of ciprofloxacin using simultaneous usage of $h\nu$ and OH over UV/ZnO/I ⁻ process: Efficiency, kinetics, pathways, and mechanisms. <i>Journal of Hazardous Materials</i> , 2019, 377, 418-426.	12.4	70
7	Synthesis and characterization of polysulfone/graphene oxide nano-composite membranes for removal of bisphenol A from water. <i>Journal of Environmental Management</i> , 2018, 205, 174-182.	7.8	68
8	Photo-catalytic degradation of triclosan with UV/iodide/ZnO process: Performance, kinetic, degradation pathway, energy consumption and toxicology. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 423-432.	3.9	62
9	Application of graphene oxide modified with 8-hydroxyquinoline for the adsorption of Cr (VI) from wastewater: Optimization, kinetic, thermodynamic and equilibrium studies. <i>Journal of Molecular Liquids</i> , 2017, 233, 75-88.	4.9	61
10	The Concentration of BTEX in the Air of Tehran: A Systematic Review-Meta Analysis and Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1837.	2.6	45
11	Biosorption of As(III) and As(V) from aqueous solutions by brown macroalga <i>Colpomenia sinuosa</i> biomass: kinetic and equilibrium studies. <i>Desalination and Water Treatment</i> , 2013, 51, 3224-3232.	1.0	33
12	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, 1990-2013. <i>Environmental Research</i> , 2017, 156, 87-96.	7.5	33
13	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. <i>Journal of Molecular Liquids</i> , 2018, 255, 313-323.	4.9	33
14	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. <i>Water Research</i> , 2019, 157, 94-105.	11.3	31
15	Eco-friendly rapid removal of palladium from aqueous solutions using alginate-diatomite magnano composite. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105954.	6.7	31
16	Fe ₃ O ₄ @HAP-enhanced photocatalytic degradation of Acid Red73 in aqueous suspension: Optimization, kinetic, and mechanism studies. <i>Materials Research Bulletin</i> , 2017, 91, 59-67.	5.2	28
17	Enhanced Sono-Fenton-Like Oxidation of PAH-Contaminated Soil Using Nano-Sized Magnetite as Catalyst: Optimization with Response Surface Methodology. <i>Soil and Sediment Contamination</i> , 2017, 26, 538-557.	1.9	28
18	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. <i>Environmental Research</i> , 2020, 182, 109062.	7.5	27

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19	Photo-biological degradation of Bisphenol A, UV/ZnO/Iodide process at the center of biological reactor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 374, 115-124.	3.9	24
20	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. <i>Ecological Indicators</i> , 2016, 60, 367-376.	6.3	23
21	National and subnational mortality and disability-adjusted life years (DALYs) attributable to 17 occupational risk factors in Iran, 1990–2015. <i>Environmental Research</i> , 2018, 165, 158-175.	7.5	19
22	Assessment of burden of disease induced by exposure to heavy metals through drinking water at national and subnational levels in Iran, 2019. <i>Environmental Research</i> , 2022, 204, 112057.	7.5	19
23	The concentration and probabilistic health risk assessment of nitrate in Iranian drinking water: a case study of Ilam city. <i>Toxin Reviews</i> , 2021, 40, 1048-1057.	3.4	18
24	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. <i>Environmental Research</i> , 2018, 167, 372-385.	7.5	16
25	Defluoridation of synthetic and natural waters by polyaluminum chloride-chitosan (PACI-Ch) composite coagulant. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 259-269.	2.1	14
26	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. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 4702-4715.	3.3	13
27	Self-purification of marine environments for heavy metals: a study on removal of lead(II) and copper(II) by cuttlebone. <i>Water Science and Technology</i> , 2017, 75, 474-481.	2.5	11
28	Remediation of oily sludge wastes using biosurfactant produced by bacterial isolate <i>Pseudomonas balearica</i> strain Z8. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 531-539.	3.0	11
29	Transformer oils as a potential source of environmental exposure to polychlorinated biphenyls (PCBs): an assessment in three central provinces of Iran. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19098-19103.	5.3	9
30	Surfactant-enhanced Bioremediation of n-Hexadecane-contaminated Soil Using Halo-tolerant Bacteria <i>Paenibacillus glucanolyticus</i> sp. Strain T7-AHV Isolated from Marine Environment. <i>Chemical and Biochemical Engineering Quarterly</i> , 2019, 33, 111-123.	0.9	9
31	Assessment of indoor air pollutant concentrations and emissions from natural gas cooking burners in residential buildings in Tehran, Iran. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 409-420.	3.3	9
32	Dichloromethane emissions from automotive manufacturing industry in Iran: case study of the SAIPA automotive manufacturing company. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 757-764.	1.2	7
33	Removal of dichloromethane from waste gas streams using a hybrid bubble column/biofilter bioreactor. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 22.	3.0	7
34	Synthesis and characterization of a new magnetic adsorbent for removal of 4-nitrophenol: application of response surface methodology. <i>Water Science and Technology</i> , 2019, 80, 1430-1442.	2.5	7
35	Burden of disease induced by public overexposure to solar ultraviolet radiation (SUVR) at the national and subnational levels in Iran, 2005–2019. <i>Environmental Pollution</i> , 2022, 292, 118411.	7.5	5
36	An innovative index for assessing vulnerability of employees of different occupations from the COVID-19 pandemic in Iran. <i>Environmental Research</i> , 2021, 197, 111039.	7.5	4

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37	Spatiotemporal analysis of solar ultraviolet radiation based on Ozone Monitoring Instrument dataset in Iran, 2005â€“2019. <i>Environmental Pollution</i> , 2021, 287, 117643.	7.5	4
38	National and subnational burden of disease attributable to occupational exposure to solar ultraviolet radiation (SUVR) in Iran, 2005â€“2019. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113897.	4.3	4
39	Occurrence of polycyclic aromatic hydrocarbons in meat and meat products: systematic review, meta-analysis and probabilistic human health risk. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-15.	3.3	3
40	Application of the Fe ₃ O ₄ / alginate/ diatomite nano-adsorbent for the adsorption of palladium and cyanide from wastewater: optimisation, kinetic and equilibrium studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 6076-6096.	3.3	2
41	Photo-catalytic degradation of ofloxacin with UV/ ZnO / KI process: Performance, kinetic, energy consumption and the pathway. <i>Optik</i> , 2021, 248, 168053.	2.9	2
42	Assessing contribution of bottled water in nutrient absorption using the bottled water nutritional quality index (BWNQI) in Iran. <i>Scientific Reports</i> , 2021, 11, 24322.	3.3	2
43	Characterization, source identification, and health risk assessment of odorous compounds in solid waste management facility of Tehran. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 1609-1621.	3.3	2
44	Enhanced biosurfactant-assisted composting of oily sludge using a diverse halo-tolerant consortium in the saline environment: effect of repeated inoculation and mixing ratios. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 2405-2419.	4.6	1
45	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. <i>Jundishapur Journal of Health Sciences</i> , 2022, 14, .	0.2	0