

Behnam Keshavarzi

List of Publications by Year in descending order

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43
papers

3,229
citations

201575

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265120

42
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docs citations

44
times ranked

3051
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution and potential health impacts of microplastics and microrubbers in air and street dusts from Asaluyeh County, Iran. <i>Environmental Pollution</i> , 2019, 244, 153-164.	3.7	434
2	Ecological and human health hazards of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in road dust of Isfahan metropolis, Iran. <i>Science of the Total Environment</i> , 2015, 505, 712-723.	3.9	392
3	Investigating a probable relationship between microplastics and potentially toxic elements in fish muscles from northeast of Persian Gulf. <i>Environmental Pollution</i> , 2018, 232, 154-163.	3.7	263
4	Chemical speciation, human health risk assessment and pollution level of selected heavy metals in urban street dust of Shiraz, Iran. <i>Atmospheric Environment</i> , 2015, 119, 1-10.	1.9	213
5	Health risk implications of potentially toxic metals in street dust and surface soil of Tehran, Iran. <i>Ecotoxicology and Environmental Safety</i> , 2017, 136, 92-103.	2.9	184
6	Investigation of microrubbers, microplastics and heavy metals in street dust: a study in Bushehr city, Iran. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	168
7	A geochemical survey of heavy metals in agricultural and background soils of the Isfahan industrial zone, Iran. <i>Catena</i> , 2014, 121, 88-98.	2.2	144
8	PET-microplastics as a vector for heavy metals in a simulated plant rhizosphere zone. <i>Science of the Total Environment</i> , 2020, 744, 140984.	3.9	123
9	Distribution, source identification and health risk assessment of soil heavy metals in urban areas of Isfahan province, Iran. <i>Journal of African Earth Sciences</i> , 2017, 132, 16-26.	0.9	121
10	Aliphatic and polycyclic aromatic hydrocarbons risk assessment in coastal water and sediments of Khark Island, SW Iran. <i>Marine Pollution Bulletin</i> , 2016, 108, 33-45.	2.3	85
11	Pollution, source apportionment and health risk of potentially toxic elements (PTEs) and polycyclic aromatic hydrocarbons (PAHs) in urban street dust of Mashhad, the second largest city of Iran. <i>Journal of Geochemical Exploration</i> , 2018, 190, 154-169.	1.5	76
12	Geochemical distribution, fractionation and contamination assessment of heavy metals in marine sediments of the Asaluyeh port, Persian Gulf. <i>Marine Pollution Bulletin</i> , 2017, 115, 401-411.	2.3	72
13	Heavy metals and polycyclic aromatic hydrocarbons in surface sediments of Karoon River, Khuzestan Province, Iran. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19077-19092.	2.7	62
14	Source apportionment and health risk assessment of potentially toxic elements in road dust from urban industrial areas of Ahvaz megacity, Iran. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1187-1208.	1.8	59
15	Risk-based assessment of soil pollution by potentially toxic elements in the industrialized urban and peri-urban areas of Ahvaz metropolis, southwest of Iran. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 365-375.	2.9	53
16	Contamination Level, Source Identification and Risk Assessment of Potentially Toxic Elements (PTEs) and Polycyclic Aromatic Hydrocarbons (PAHs) in Street Dust of an Important Commercial Center in Iran. <i>Environmental Management</i> , 2018, 62, 803-818.	1.2	48
17	Source and risk assessment of heavy metals and microplastics in bivalves and coastal sediments of the Northern Persian Gulf, Hormogzan Province. <i>Environmental Research</i> , 2021, 196, 110963.	3.7	47
18	Microplastic occurrence in settled indoor dust in schools. <i>Science of the Total Environment</i> , 2022, 807, 150984.	3.9	46

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19	Contamination level and human health hazard assessment of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in street dust deposited in Mahshahr, southwest of Iran. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 1726-1748.	1.7	45
20	Health risk assessment and source apportionment of polycyclic aromatic hydrocarbons associated with PM10 and road deposited dust in Ahvaz metropolis of Iran. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1267-1290.	1.8	44
21	Microplastic occurrence in urban and industrial soils of Ahvaz metropolis: A city with a sustained record of air pollution. <i>Science of the Total Environment</i> , 2022, 819, 152051.	3.9	44
22	Fractionation, source identification and risk assessment of potentially toxic elements in street dust of the most important center for petrochemical products, Asaluyeh County, Iran. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	43
23	Microplastic particles in sediments and waters, south of Caspian Sea: Frequency, distribution, characteristics, and chemical composition. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111137.	2.9	43
24	Distribution, source apportionment and health risk assessment of polycyclic aromatic hydrocarbons (PAHs) in intertidal sediment of Asaluyeh, Persian Gulf. <i>Environmental Geochemistry and Health</i> , 2018, 40, 721-735.	1.8	42
25	Distribution of potentially toxic elements (PTEs) in tailings, soils, and plants around Gol-E-Gohar iron mine, a case study in Iran. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18798-18816.	2.7	41
26	Polycyclic Aromatic Hydrocarbons in Street Dust of Bushehr City, Iran: Status, Source, and Human Health Risk Assessment. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 61-75.	1.4	34
27	Effect of land use on microplastic pollution in a major boundary waterway: The Arvand River. <i>Science of the Total Environment</i> , 2022, 830, 154728.	3.9	34
28	Microplastic fibers in the gut of highly consumed fish species from the southern Caspian Sea. <i>Marine Pollution Bulletin</i> , 2021, 168, 112461.	2.3	31
29	Polycyclic aromatic hydrocarbons (PAHs) in sediment and sea urchin (<i>Echinometra mathaei</i>) from the intertidal ecosystem of the northern Persian Gulf: Distribution, sources, and bioavailability. <i>Marine Pollution Bulletin</i> , 2017, 123, 373-380.	2.3	30
30	Evaluation, source apportionment and health risk assessment of heavy metal and polycyclic aromatic hydrocarbons in soil and vegetable of Ahvaz metropolis. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 71-100.	1.7	30
31	Macronutrients and trace metals in soil and food crops of Isfahan Province, Iran. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4113.	1.3	26
32	Potentially toxic elements and polycyclic aromatic hydrocarbons in street dust of Yazd, a central capital city in Iran: contamination level, source identification, and ecological health risk assessment. <i>Environmental Geochemistry and Health</i> , 2021, 43, 485-519.	1.8	25
33	Ecological-health risk assessment and bioavailability of potentially toxic elements (PTEs) in soil and plant around a copper smelter. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 639.	1.3	22
34	In vitro bioaccessibility, phase partitioning, and health risk of potentially toxic elements in dust of an iron mining and industrial complex. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111972.	2.9	20
35	Characteristics, distribution, source apportionment, and potential health risk assessment of polycyclic aromatic hydrocarbons in urban street dust of Kerman metropolis, Iran. <i>International Journal of Environmental Health Research</i> , 2019, 29, 668-685.	1.3	17
36	Trace elements in the shoreline and seabed sediments of the southern Caspian Sea: investigation of contamination level, distribution, ecological and human health risks, and elemental partition coefficient. <i>Environmental Science and Pollution Research</i> , 2021, 28, 60857-60880.	2.7	16

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37	Arsenic in the rock-soil-plant system and related health risk in a magmatic-metamorphic belt, West of Iran. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3659-3673.	1.8	15
38	Polycyclic aromatic hydrocarbons (PAHs) in urban soils of Ahvaz metropolis; contamination, composition, distribution, potential sources, and cancer risk. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 935-948.	1.7	13
39	Soil trace elements contamination in the vicinity of Khatoon Abad copper smelter, Kerman province, Iran. <i>Toxicology and Environmental Health Sciences</i> , 2015, 7, 195-204.	1.1	7
40	Hydrogeochemical and ecological risk assessments of trace elements in the coastal surface water of the southern Caspian Sea. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 452.	1.3	6
41	Macronutrients, trace metals and health risk assessment in agricultural soil and edible plants of Mahshahr City, Iran. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 131.	1.3	2
42	Polycyclic aromatic hydrocarbons in urban and industrial soils of Kerman, the largest city in southeast of Iran: status, source apportionment, ecotoxicology, and health risk assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-19.	1.8	2
43	TPH and PAHs in an oil-rich metropolis in SW Iran: Implication for source apportionment and human health. <i>Human and Ecological Risk Assessment (HERA)</i> , 0, , 1-21.	1.7	0