

# Ahmand Jamshidi

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,099  
citations

394421

19  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1080  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on industrial wastewater treatment via electrocoagulation processes. <i>Current Opinion in Electrochemistry</i> , 2020, 22, 154-169.	4.8	211
2	Metal pollution assessment and multivariate analysis in sediment of Anzali international wetland. <i>Environmental Earth Sciences</i> , 2013, 70, 1791-1808.	2.7	93
3	A review on different methods of activating tailings to improve their cementitious property as cemented paste and reusability. <i>Journal of Environmental Management</i> , 2020, 270, 110881.	7.8	82
4	Assessment of heavy metals contamination and leaching characteristics in highway side soils, Iran. <i>Environmental Monitoring and Assessment</i> , 2009, 151, 231-241.	2.7	81
5	Sorbed metals fractionation and risk assessment of release in river sediment and particulate matter. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 1737-1754.	2.7	59
6	Development of a new aggregative index to assess potential effect of metals pollution in aquatic sediments. <i>Ecological Indicators</i> , 2015, 58, 235-243.	6.3	53
7	Immobilization of hexavalent chromium in contaminated soil using nano-magnetic MnFe <sub>2</sub> O <sub>4</sub> . <i>Journal of Hazardous Materials</i> , 2019, 365, 813-819.	12.4	53
8	Application of enhanced electrokinetic approach to remediate Cr-contaminated soil: Effect of chelating agents and permeable reactive barrier. <i>Environmental Pollution</i> , 2020, 266, 115197.	7.5	52
9	A review of additives used in the cemented paste tailings: Environmental aspects and application. <i>Journal of Environmental Management</i> , 2021, 289, 112501.	7.8	43
10	Synthesis of nano-magnetic MnFe <sub>2</sub> O <sub>4</sub> to remove Cr(III) and Cr(VI) from aqueous solution: A comprehensive study. <i>Environmental Pollution</i> , 2020, 265, 113685.	7.5	40
11	Synthesis of magnetite nanoparticles from iron ore tailings using a novel reduction-precipitation method. <i>Journal of Alloys and Compounds</i> , 2018, 749, 336-343.	5.5	32
12	Utilization of copper mine tailings as a partial substitute for cement in concrete construction. <i>Construction and Building Materials</i> , 2022, 317, 125921.	7.2	32
13	Landfill site selection using combination of fuzzy logic and multi-attribute decision-making approach. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	31
14	Heavy metal pollution and human health risk assessment for exposure to surface soil of mining area: a comprehensive study. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	29
15	Influence of heavy metals on the adsorption of arsenate by magnetite nanoparticles: Kinetics and thermodynamic. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 10, 51-62.	2.9	28
16	Remediation of oil-based drilling waste using the electrokinetic-Fenton method. <i>Chemical Engineering Research and Design</i> , 2021, 149, 432-441.	5.6	26
17	Application of enhanced electrokinetic remediation by coupling surfactants for kerosene-contaminated soils: Effect of ionic and nonionic surfactants. <i>Journal of Environmental Management</i> , 2021, 277, 111422.	7.8	25
18	A risk assessment index for bioavailability of metals in sediments: Anzali International Wetland case study. <i>Environmental Earth Sciences</i> , 2015, 73, 2115-2126.	2.7	23

#	ARTICLE	IF	CITATIONS
19	Multivariate analysis and geochemical approach for assessment of metal pollution state in sediment cores. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16289-16304.	5.3	22
20	Phenanthrene removal from the contaminated soil using the electrokinetic-Fenton method and persulfate as an oxidizing agent. <i>Chemosphere</i> , 2021, 266, 128988.	8.2	14
21	Utilization of lead-zinc mine tailings as cement substitutes in concrete construction: Effect of sulfide content. <i>Journal of Building Engineering</i> , 2022, 57, 104865.	3.4	14
22	Stabilized magnetite nanoparticles for the remediation of arsenic contaminated soil. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104821.	6.7	12
23	Simultaneous removal of lead and cyanide from the synthetic solution and effluents of gold processing plants using electrochemical method. <i>Journal of Water Process Engineering</i> , 2021, 43, 102284.	5.6	11
24	Clinkerisation of copper tailings to replace Portland cement in concrete construction. <i>Journal of Building Engineering</i> , 2022, 51, 104275.	3.4	11
25	Response to the comments of Zhang et al. (2014) on "Heavy metals and polycyclic aromatic hydrocarbons: Pollution and ecological risk assessment in street dust of Tehran". <i>Journal of Hazardous Materials</i> , 2014, 279, 389-391.	12.4	9
26	The effect of the waste separation policy in municipal solid waste management using the system dynamic approach. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 5.	0.4	7
27	The leachability study of iron-oxides from mine tailings in a hybrid of sulfate-chloride lixiviant. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5167-5176.	6.7	6