

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39 papers	724 citations	15 h-index	26 g-index
46 ext. papers	975 ext. citations	4.9 avg, IF	4.63 L-index

#	Paper	IF	Citations
39	Biochar production from date palm waste: Charring temperature induced changes in composition and surface chemistry. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015 , 115, 392-400	6	152
38	Phosphorus-loaded biochar changes soil heavy metals availability and uptake potential of maize (<i>Zea mays</i> L.) plants. <i>Chemosphere</i> , 2018 , 194, 327-339	8.4	75
37	Sugarcane bagasse-derived biochar reduces the cadmium and chromium bioavailability to mash bean and enhances the microbial activity in contaminated soil. <i>Journal of Soils and Sediments</i> , 2018 , 18, 874-886	3.4	74
36	A critical review on organic micropollutants contamination in wastewater and removal through carbon nanotubes. <i>Journal of Environmental Management</i> , 2019 , 246, 214-228	7.9	56
35	Biochar composites with nano zerovalent iron and eggshell powder for nitrate removal from aqueous solution with coexisting chloride ions. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 25757-25771	5.1	45
34	Engineered biochar composites with zeolite, silica, and nano-zerovalent iron for the efficient scavenging of chlortetracycline from aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 15136-15152	5.1	38
33	Date palm waste-derived biochar composites with silica and zeolite: synthesis, characterization and implication for carbon stability and recalcitrant potential. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 1687-1704	4.7	34
32	Immobilization and mitigation of chromium toxicity in aqueous solutions and tannery waste-contaminated soil using biochar and polymer-modified biochar. <i>Chemosphere</i> , 2021 , 266, 129198	8.4	23
31	Aging Effects of Organic and Inorganic Fertilizers on Phosphorus Fractionation in a Calcareous Sandy Loam Soil. <i>Pedosphere</i> , 2018 , 28, 873-883	5	21
30	Pyrolytic and hydrothermal carbonization of date palm leaflets: Characteristics and ecotoxicological effects on seed germination of lettuce. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 665-672	4	20
29	Design and characterization of a biomass template/SnO nanocomposite for enhanced adsorption of 2,4-dichlorophenol. <i>Environmental Research</i> , 2020 , 181, 108955	7.9	20
28	Heavy Metal Immobilization Studies and Enhancement in Geotechnical Properties of Cohesive Soils by EICP Technique. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7568	2.6	20
27	Silicon fertilization [A tool to boost up drought tolerance in wheat (<i>Triticum aestivum</i> L.) crop for better yield. <i>Journal of Plant Nutrition</i> , 2016 , 39, 1283-1291	2.3	19
26	In situ immobilization of Cr and its availability to maize plants in tannery waste-contaminated soil: effects of biochar feedstock and pyrolysis temperature. <i>Journal of Soils and Sediments</i> , 2020 , 20, 330-339	3.4	16
25	Evaluating the efficiency of different natural clay sediments for the removal of chlortetracycline from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121500	12.8	15
24	An efficient phosphorus scavenging from aqueous solution using magnesiothermally modified bio-calcite. <i>Environmental Technology (United Kingdom)</i> , 2018 , 39, 1638-1649	2.6	12
23	Turning date palm waste into carbon nanodots and nano zerovalent iron composites for excellent removal of methylthioninium chloride from water. <i>Scientific Reports</i> , 2020 , 10, 16125	4.9	11

22	Fabrication and evaluation of silica embedded and zerovalent iron composited biochars for arsenate removal from water. <i>Environmental Pollution</i> , 2020 , 266, 115256	9.3	11
21	Fabrication of sand-based novel adsorbents embedded with biochar or binding agents via calcite precipitation for sulfathiazole scavenging. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124249	12.8	9
20	Feedstock-induced changes in composition and stability of biochar derived from different agricultural wastes. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	8
19	Bio-fertilizers: Eco-Friendly Approach for Plant and Soil Environment 2020 , 189-213		7
18	Prevalence of human pathogenic viruses in wastewater: A potential transmission risk as well as an effective tool for early outbreak detection for COVID-19. <i>Journal of Environmental Management</i> , 2021 , 298, 113486	7.9	6
17	Acidulated activation of phosphate rock enhances release, lateral transport and uptake of phosphorus and trace metals upon direct-soil application. <i>Soil Science and Plant Nutrition</i> , 2019 , 65, 183-195	16	4
16	Advances in Pyrolytic Technologies with Improved Carbon Capture and Storage to Combat Climate Change 2020 , 535-575		4
15	Extent of Climate Change in Saudi Arabia and Its Impacts on Agriculture: A Case Study from Qassim Region 2020 , 635-657		4
14	Designing chitosan based magnetic beads with conocarpus waste-derived biochar for efficient sulfathiazole removal from contaminated water. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 6218-6224	4	4
13	Arsenic release in contaminated soil amended with unmodified and modified biochars derived from sawdust and rice husk. <i>Journal of Soils and Sediments</i> , 2020 , 20, 3358-3367	3.4	2
12	Potential short-term negative versus positive effects of olive mill-derived biochar on nutrient availability in a calcareous loamy sand soil. <i>PLoS ONE</i> , 2020 , 15, e0232811	3.7	2
11	Assessing the prevalence of veterinary antibiotics and associated potential ecological risk in dryland soil, manure, and compost: A case study from Saudi Arabia. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101558	3.6	2
10	Carbon potentials of different biochars derived from municipal solid waste in a saline soil. <i>Pedosphere</i> , 2022 , 32, 283-293	5	1
9	Carbon Sequestration in Alkaline Soils. <i>Sustainable Agriculture Reviews</i> , 2019 , 149-167	1.3	1
8	Quality Assessment of Volunteered Geographic Information for Educational Planning. <i>Advances in Geospatial Technologies Book Series</i> , 2017 , 76-96	0	1
7	Carbon Nanodots-Embedded Pullulan Nanofibers for Sulfathiazole Removal from Wastewater Streams.. <i>Membranes</i> , 2022 , 12,	3.8	1
6	Analysis of Factors Affecting Adoption of Volunteered Geographic Information in the Context of National Spatial Data Infrastructure. <i>ISPRS International Journal of Geo-Information</i> , 2022 , 11, 120	2.9	0
5	Pollution Indexing and Health Risk Assessment of Heavy-Metals-Laden Indoor and Outdoor Dust in Elementary School Environments in Riyadh, Saudi Arabia. <i>Atmosphere</i> , 2022 , 13, 464	2.7	0

- 4 Potential short-term negative versus positive effects of olive mill-derived biochar on nutrient availability in a calcareous loamy sand soil **2020**, 15, e0232811
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