Munir Ahmad

List of Publications by Year in Descending Order

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	Analysis of Factors Affecting Adoption of Volunteered Geographic Information in the Context of National Spatial Data Infrastructure. *ISPRS International Journal of Geo-Information*, **2022**, 11, 120	2.9	0
38	Carbon potentials of different biochars derived from municipal solid waste in a saline soil. *Pedosphere*, **2022**, 32, 283-293	5	1
37	Carbon Nanodots-Embedded Pullulan Nanofibers for Sulfathiazole Removal from Wastewater Streams.. *Membranes*, **2022**, 12,	3.8	1
36	Pollution Indexing and Health Risk Assessment of Heavy-Metals-Laden Indoor and Outdoor Dust in Elementary School Environments in Riyadh, Saudi Arabia. *Atmosphere*, **2022**, 13, 464	2.7	0
35	Designing chitosan based magnetic beads with conocarpus waste-derived biochar for efficient sulfathiazole removal from contaminated water. *Saudi Journal of Biological Sciences*, **2021**, 28, 6218-6229	4	4
34	Immobilization and mitigation of chromium toxicity in aqueous solutions and tannery waste-contaminated soil using biochar and polymer-modified biochar. *Chemosphere*, **2021**, 266, 129198	8.4	23
33	Fabrication of sand-based novel adsorbents embedded with biochar or binding agents via calcite precipitation for sulfathiazole scavenging. *Journal of Hazardous Materials*, **2021**, 405, 124249	12.8	9
32	Assessing the prevalence of veterinary antibiotics and associated potential ecological risk in dryland soil, manure, and compost: A case study from Saudi Arabia. *Journal of King Saud University - Science*, **2021**, 33, 101558	3.6	2
31	Prevalence of human pathogenic viruses in wastewater: A potential transmission risk as well as an effective tool for early outbreak detection for COVID-19. *Journal of Environmental Management*, **2021**, 298, 113486	7.9	6
30	Arsenic release in contaminated soil amended with unmodified and modified biochars derived from sawdust and rice husk. *Journal of Soils and Sediments*, **2020**, 20, 3358-3367	3.4	2
29	Potential short-term negative versus positive effects of olive mill-derived biochar on nutrient availability in a calcareous loamy sand soil. *PLoS ONE*, **2020**, 15, e0232811	3.7	2
28	Bio-fertilizers: Eco-Friendly Approach for Plant and Soil Environment **2020**, 189-213		7
27	Advances in Pyrolytic Technologies with Improved Carbon Capture and Storage to Combat Climate Change **2020**, 535-575		4
26	Extent of Climate Change in Saudi Arabia and Its Impacts on Agriculture: A Case Study from Qassim Region **2020**, 635-657		4
25	Design and characterization of a biomass template/SnO nanocomposite for enhanced adsorption of 2,4-dichlorophenol. *Environmental Research*, **2020**, 181, 108955	7.9	20
24	Turning date palm waste into carbon nanodots and nano zerovalent iron composites for excellent removal of methylthioninium chloride from water. *Scientific Reports*, **2020**, 10, 16125	4.9	11
23	Fabrication and evaluation of silica embedded and zerovalent iron composited biochars for arsenate removal from water. *Environmental Pollution*, **2020**, 266, 115256	9.3	11

22	Heavy Metal Immobilization Studies and Enhancement in Geotechnical Properties of Cohesive Soils by EICP Technique. *Applied Sciences (Switzerland)*, **2020**, 10, 7568	2.6	20
21	Evaluating the efficiency of different natural clay sediments for the removal of chlortetracycline from aqueous solutions. *Journal of Hazardous Materials*, **2020**, 384, 121500	12.8	15
20	In situ immobilization of Cr and its availability to maize plants in tannery waste contaminated soil: effects of biochar feedstock and pyrolysis temperature. *Journal of Soils and Sediments*, **2020**, 20, 330-339	3.4	16
19	Potential short-term negative versus positive effects of olive mill-derived biochar on nutrient availability in a calcareous loamy sand soil **2020**, 15, e0232811		
18	Potential short-term negative versus positive effects of olive mill-derived biochar on nutrient availability in a calcareous loamy sand soil **2020**, 15, e0232811		
17	Potential short-term negative versus positive effects of olive mill-derived biochar on nutrient availability in a calcareous loamy sand soil **2020**, 15, e0232811		
16	Potential short-term negative versus positive effects of olive mill-derived biochar on nutrient availability in a calcareous loamy sand soil **2020**, 15, e0232811		
15	A critical review on organic micropollutants contamination in wastewater and removal through carbon nanotubes. *Journal of Environmental Management*, **2019**, 246, 214-228	7.9	56
14	Engineered biochar composites with zeolite, silica, and nano-zerovalent iron for the efficient scavenging of chlortetracycline from aqueous solutions. *Environmental Science and Pollution Research*, **2019**, 26, 15136-15152	5.1	38
13	Acidulated activation of phosphate rock enhances release, lateral transport and uptake of phosphorus and trace metals upon direct-soil application. *Soil Science and Plant Nutrition*, **2019**, 65, 183-195	1.6	4
12	Pyrolytic and hydrothermal carbonization of date palm leaflets: Characteristics and ecotoxicological effects on seed germination of lettuce. *Saudi Journal of Biological Sciences*, **2019**, 26, 665-672	4	20
11	Feedstock-induced changes in composition and stability of biochar derived from different agricultural wastes. *Arabian Journal of Geosciences*, **2019**, 12, 1	1.8	8
10	Carbon Sequestration in Alkaline Soils. *Sustainable Agriculture Reviews*, **2019**, 149-167	1.3	1
9	Date palm waste-derived biochar composites with silica and zeolite: synthesis, characterization and implication for carbon stability and recalcitrant potential. *Environmental Geochemistry and Health*, **2019**, 41, 1687-1704	4.7	34
8	An efficient phosphorus scavenging from aqueous solution using magnesiothermally modified bio-calcite. *Environmental Technology (United Kingdom)*, **2018**, 39, 1638-1649	2.6	12
7	Biochar composites with nano zerovalent iron and eggshell powder for nitrate removal from aqueous solution with coexisting chloride ions. *Environmental Science and Pollution Research*, **2018**, 25, 25757-25771	5.1	45
6	Phosphorus-loaded biochar changes soil heavy metals availability and uptake potential of maize (Zea mays L.) plants. *Chemosphere*, **2018**, 194, 327-339	8.4	75
5	Sugarcane bagasse-derived biochar reduces the cadmium and chromium bioavailability to mash bean and enhances the microbial activity in contaminated soil. *Journal of Soils and Sediments*, **2018**, 18, 874-886	3.4	74

4	Aging Effects of Organic and Inorganic Fertilizers on Phosphorus Fractionation in a Calcareous Sandy Loam Soil. *Pedosphere*, **2018**, 28, 873-883	5	21
3	Quality Assessment of Volunteered Geographic Information for Educational Planning. *Advances in Geospatial Technologies Book Series*, **2017**, 76-96	0	1
2	Silicon fertilization □A tool to boost up drought tolerance in wheat (Triticum aestivum L.) crop for better yield. *Journal of Plant Nutrition*, **2016**, 39, 1283-1291	2.3	19
1	Biochar production from date palm waste: Charring temperature induced changes in composition and surface chemistry. *Journal of Analytical and Applied Pyrolysis*, **2015**, 115, 392-400	6	152