Abdulaziz G Alghamdi

List of Publications by Year
in descending order

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18 papers	249 citations	1040056 9 h-index	940533 16 g-index
19 all docs	19 docs citations	19 times ranked	229 citing authors

#	Article	IF	Citations
1	Effect of biochar particle size on water retention and availability in a sandy loam soil. Journal of Saudi Chemical Society, 2020, 24, 1042-1050.	5.2	51
2	Biochar as a potential soil additive for improving soil physical propertiesâ€"a review. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	45
3	Exploring Optimal Tillage Improved Soil Characteristics and Productivity of Wheat Irrigated with Different Water Qualities. Agronomy, 2019, 9, 233.	3.0	26
4	Assessing the environmental impacts of municipal solid waste landfill leachate on groundwater and soil contamination in western Saudi Arabia. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	22
5	Hydrochemical and Quality Assessment of Groundwater Resources in Al-Madinah City, Western Saudi Arabia. Sustainability, 2020, 12, 3106.	3.2	17
6	Impact of biochar, bentonite, and compost on physical and chemical characteristics of a sandy soil. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	14
7	Heavy metal pollution and associated health risk assessment of urban dust in Riyadh, Saudi Arabia. PLoS ONE, 2022, 17, e0261957.	2.5	14
8	Effect of the Particle Size of Clinoptilolite Zeolite on Water Content and Soil Water Storage in a Loamy Sand Soil. Water (Switzerland), 2021, 13, 607.	2.7	13
9	Identification of Pesticide Residues and Prediction of Their Fate in Agricultural Soil. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	12
10	Comparison and Hydrochemical Characterization of Groundwater Resources in the Arabian Peninsula: A Case Study of Al-Baha and Al-Qassim in Saudi Arabia. Water Resources, 2020, 47, 877-891.	0.9	9
11	Impacts of Olive Waste-Derived Biochar on Hydro-Physical Properties of Sandy Soil. Sustainability, 2021, 13, 5493.	3.2	8
12	Available water capacity of sandy soils as affected by biochar application: A meta-analysis. Catena, 2022, 214, 106281.	5.0	7
13	Significance of Pyrolytic Temperature, Particle Size, and Application Rate of Biochar in Improving Hydro-Physical Properties of Calcareous Sandy Soil. Agriculture (Switzerland), 2021, 11, 1293.	3.1	4
14	Effect of Water Quality and Date Palm Biochar on Evaporation and Specific Hydrological Characteristics of Sandy Soil. Agriculture (Switzerland), 2020, 10, 300.	3.1	2
15	Evaluation of newly reclaimed areas in Saudi Arabia for cultivation of the leguminous crop Phaseolus vulgaris under sewage sludge amendment. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2021, 16, 153-169.	1.4	2
16	Effect of Macro- and Nano-Biosolid Fractions on Sorption Affinity and Transport of Pb in a Loamy Sand Soil. Sustainability, 2019, 11, 3460.	3.2	1
17	Soil Degradation and Restoration in Southwestern Saudi Arabia through Investigation of Soil Physiochemical Characteristics and Nutrient Status as Indicators. Sustainability, 2021, 13, 9169.	3.2	1
18	Diffusive mass flux of different polycyclic aromatic hydrocarbons (PAHs) and estimation of lifetime average daily dose in a soil micro-block system. International Journal of Environmental Science and Technology, 2021, 18, 379-392.	3.5	0