Guodong Yuan

List of Publications by Year
in descending order

32 papers	1,459 citations	394421 19 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	1829 citing authors

#	Article	IF	Citations
1	Thermal analysis of montmorillonites modified with quaternary phosphonium and ammonium surfactants. Applied Clay Science, 2007, 35, 180-188.	5.2	236
2	Nanoparticles in the Soil Environment. Elements, 2008, 4, 395-399.	0.5	222
3	Humic substances as a washing agent for Cd-contaminated soils. Chemosphere, 2017, 181, 461-467.	8.2	79
4	Carbon-coated montmorillonite nanocomposite for the removal of chromium(VI) from aqueous solutions. Journal of Hazardous Materials, 2019, 368, 541-549.	12.4	73
5	Assessing the effect of pyrolysis temperature on the molecular properties and copper sorption capacity of a halophyte biochar. Environmental Pollution, 2019, 251, 56-65.	7.5	73
6	Allophane nanoclay for the removal of phosphorus in water and wastewater. Science and Technology of Advanced Materials, 2007, 8, 60-62.	6.1	72
7	A 13 C-NMR study of the interactions of soil organic matter with aluminium and allophane in podzols. European Journal of Soil Science, 1999, 50, 695-700.	3.9	60
8	Interactions of allophane with humic acid and cations. European Journal of Soil Science, 2000, 51, 35-41.	3.9	58
9	Natural and Modified Nanomaterials as Sorbents of Environmental Contaminants. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 2661-2670.	1.7	58
10	Limited Cu(II) binding to biochar DOM: Evidence from C K-edge NEXAFS and EEM-PARAFAC combined with two-dimensional correlation analysis. Science of the Total Environment, 2020, 701, 134919.	8.0	57
11	Pyrolysis Temperature-Dependent Changes in the Characteristics of Biochar-Borne Dissolved Organic Matter and Its Copper Binding Properties. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 169-174.	2.7	53
12	Synthesis and adsorption characteristics of hollow spherical allophane nano-particles. Applied Clay Science, 2012, 56, 77-83.	5.2	51
13	Assessing the surface composition of soil particles from some Podzolic soils by X-ray photoelectron spectroscopy. Geoderma, 1998, 86, 169-181.	5.1	46
14	Soil properties and the growth of wheat (Triticum aestivum L.) and maize (Zea mays L.) in response to reed (phragmites communis) biochar use in a salt-affected soil in the Yellow River Delta. Agriculture, Ecosystems and Environment, 2020, 303, 107124.	5.3	45
15	Novel Coreâ€“Shell Structured Mnâ€“Fe/MnO₂ Magnetic Nanoparticles for Enhanced Pb(II) Removal from Aqueous Solution. Industrial & Engineering Chemistry Research, 2014, 53, 18481-18488.	3.7	33
16	Leonardite-derived humic substances are great adsorbents for cadmium. Environmental Science and Pollution Research, 2017, 24, 23006-23014.	5.3	31
17	Low-cost field production of biochars and their properties. Environmental Geochemistry and Health, 2020, 42, 1569-1578.	3.4	30
18	Environmental Nanomaterials: Occurrence, Syntheses, Characterization, Health Effect, and Potential Applications. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 2545-2548.	1.7	24

#	Article	IF	Citations
19	Removing uranium (VI) from aqueous solution with insoluble humic acid derived from leonardite. Journal of Environmental Radioactivity, 2017, 180, 1-8.	1.7	21
20	Conversion of Oyster Shell Waste to Amendment for Immobilising Cadmium and Arsenic in Agricultural Soil. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 277-282.	2.7	21
21	A Soluble Humic Substance for the Simultaneous Removal of Cadmium and Arsenic from Contaminated Soils. International Journal of Environmental Research and Public Health, 2019, 16, 4999.	2.6	19
22	Coupled effects of biochar use and farming practice on physical properties of a salt-affected soil with wheatâ€“maize rotation. Journal of Soils and Sediments, 2020, 20, 3053-3061.	3.0	19
23	Biochar to Reduce Fertilizer Use and Soil Salinity for Crop Production in the Yellow River Delta. Journal of Soil Science and Plant Nutrition, 2022, 22, 1478-1489.	3.4	15
24	Biochar Modified by Nano-manganese Dioxide as Adsorbent and Oxidant for Oxytetracycline. Bulletin of Environmental Contamination and Toxicology, 2021, 107, 269-275.	2.7	12
25	An organoclay formula for the slow release of soluble compounds. Applied Clay Science, 2014, 100, 84-87.	5.2	11
26	Kinetics and Thermodynamics of Uranium (VI) Adsorption onto Humic Acid Derived from Leonardite. International Journal of Environmental Research and Public Health, 2019, 16, 1552.	2.6	10
27	Copper, zinc, and nickel in soil solution affected by biosolids amendment and soil management. Soil Research, 2009, 47, 305.	1.1	9
28	Nanomaterials to the rescue. Nano Today, 2008, 3, 61.	11.9	7
29	MONTMORILLONITE-HYDROCHAR NANOCOMPOSITES AS EXAMPLES OF CLAYâ€“ORGANIC INTERACTIONS DELIVERING ECOSYSTEM SERVICES. Clays and Clay Minerals, 2021, 69, 406-415.	1.3	6
30	Environmental materials research: opportunities and challenges in China. International Journal of Sustainable Development and World Ecology, 2008, 15, 1S-10S.	5.9	3
31	Calcined Oyster Shell-Humic Complex as Soil Amendment to Remediate Cd- and As-Contaminated Soil. Agronomy, 2022, 12, 1413.	3.0	3
32	Defining the Distribution Coefficient of Heavy Metals Introduced to Soils. Communications in Soil Science and Plant Analysis, 2003, 34, 2315-2326.	1.4	2