Ronghua Li

List of Publications by Year
in descending order

19 papers	1,352 citations	516710 16 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	1281 citing authors

#	Article	IF	Citations
1	Zirconium hydroxide nanoparticle encapsulated magnetic biochar composite derived from rice residue: Application for As(III) and As(V) polluted water purification. Journal of Hazardous Materials, 2022, 423, 127081.	12.4	93
2	Recovery of phosphate from aqueous solution by dewatered dry sludge biochar and its feasibility in fertilizer use. Science of the Total Environment, 2022, 814, 152752.	8.0	27
3	Solid digestate biochar amendment on pig manure composting: Nitrogen cycle and balance. Bioresource Technology, 2022, 349, 126848.	9.6	45
4	Phosphate capture from biogas slurry with magnesium-doped biochar composite derived from Lycium chinensis branch filings: performance, mechanism, and effect of coexisting ions. Environmental Science and Pollution Research, 2022, 29, 84873-84885.	5.3	11
5	Elucidating the optimum added dosage of Diatomite during co-composting of pig manure and sawdust: Carbon dynamics and microbial community. Science of the Total Environment, 2021, 777, 146058.	8.0	35
6	Removing tetracycline and Hg(II) with ball-milled magnetic nanobiochar and its potential on polluted irrigation water reclamation. Journal of Hazardous Materials, 2020, 384, 121095.	12.4	140
7	Special issue on sustainable waste treatment and management. Environmental Science and Pollution Research, 2020, 27, 43425-43427.	5.3	0
8	Improvement of humification and mechanism of nitrogen transformation during pig manure composting with Black Tourmaline. Bioresource Technology, 2020, 307, 123236.	9.6	59
9	Effects of four additives in pig manure composting on greenhouse gas emission reduction and bacterial community change. Bioresource Technology, 2019, 292, 121896.	9.6	83
10	Polyamine-co-2, 6-diaminopyridine covalently bonded on chitosan for the adsorptive removal of Hg(II) ions from aqueous solution. International Journal of Biological Macromolecules, 2019, 130, 853-862.	7.5	25
11	Improvement of biochar and bacterial powder addition on gaseous emission and bacterial community in pig manure compost. Bioresource Technology, 2018, 258, 195-202.	9.6	166
12	Removal of cadmium(II) cations from an aqueous solution with aminothiourea chitosan strengthened magnetic biochar. Journal of Applied Polymer Science, 2018, 135, 46239.	2.6	43
13	Effect of pyrolysis temperature on chemical form, behavior and environmental risk of Zn, Pb and Cd in biochar produced from phytoremediation residue. Bioresource Technology, 2018, 249, 487-493.	9.6	130
14	Removal of Cd(II) and Cr(VI) ions by highly cross-linked Thiocarbohydrazide-chitosan gel. International Journal of Biological Macromolecules, 2017, 104, 1072-1081.	7.5	68
15	Apple pomace improves the quality of pig manure aerobic compost by reducing emissions of NH3 and N2O. Scientific Reports, 2017, 7, 870.	3.3	30
16	Removal of Pb(II) and Cd(II) ions from aqueous solution by thiosemicarbazide modified chitosan. International Journal of Biological Macromolecules, 2016, 86, 876-884.	7.5	121
17	Co-composting of gelatin industry sludge combined with organic fraction of municipal solid waste and poultry waste employing zeolite mixed with enriched nitrifying bacterial consortium. Bioresource Technology, 2016, 213, 181-189.	9.6	167
18	Adsorption of Pb(II) ions in aqueous solutions by common reed ash-derived SBA-15 modified by amino-silanes. Desalination and Water Treatment, 2015, 55, 1554-1566.	1.0	8

#	Article	IF	Citations
19	Simple preparation of aminothiourea-modified chitosan as corrosion inhibitor and heavy metal ion adsorbent. Journal of Colloid and Interface Science, 2014, 417, 131-136.	9.4	101