

Shaobo Liu

List of Publications by Year in descending order

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31
papers

3,063
citations

236925

25
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

3577
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of persulfate by nanoscale zero-valent iron loaded porous graphitized biochar for the removal of 17 β -estradiol: Synthesis, performance and mechanism. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 776-786.	9.4	45
2	Recent advances in applications of nonradical oxidation in water treatment: Mechanisms, catalysts and environmental effects. <i>Journal of Cleaner Production</i> , 2021, 321, 128781.	9.3	29
3	Adsorption of 17 β -estradiol from aqueous solution by raw and direct/pre/post-KOH treated lotus seedpod biochar. <i>Journal of Environmental Sciences</i> , 2020, 87, 10-23.	6.1	69
4	Design and Preparation of Chitosan-Crosslinked Bismuth Ferrite/Biochar Coupled Magnetic Material for Methylene Blue Removal. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6.	2.6	46
5	Efficient Removal 17-Estradiol by Graphene-Like Magnetic Sawdust Biochar: Preparation Condition and Adsorption Mechanism. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8377.	2.6	16
6	Catalytic degradation of sulfamethoxazole by persulfate activated with magnetic graphitized biochar: Multiple mechanisms and variables effects. <i>Chemical Engineering Research and Design</i> , 2020, 144, 143-157.	5.6	29
7	Perceived Quality of Urban Wetland Parks: A Second-Order Factor Structure Equation Modeling. <i>Sustainability</i> , 2020, 12, 7204.	3.2	13
8	Activation of persulfate by graphitized biochar for sulfamethoxazole removal: The roles of graphitic carbon structure and carbonyl group. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 419-430.	9.4	94
9	Rice waste biochars produced at different pyrolysis temperatures for arsenic and cadmium abatement and detoxification in sediment. <i>Chemosphere</i> , 2020, 250, 126268.	8.2	56
10	Effects of heteroaggregation with metal oxides and clays on tetracycline adsorption by graphene oxide. <i>Science of the Total Environment</i> , 2020, 719, 137283.	8.0	30
11	Synthesis a graphene-like magnetic biochar by potassium ferrate for 17 β -estradiol removal: Effects of Al ₂ O ₃ nanoparticles and microplastics. <i>Science of the Total Environment</i> , 2020, 715, 136723.	8.0	46
12	Biomass-derived porous graphitic carbon materials for energy and environmental applications. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5773-5811.	10.3	234
13	Catalytic degradation of estrogen by persulfate activated with iron-doped graphitic biochar: Process variables effects and matrix effects. <i>Chemical Engineering Journal</i> , 2019, 378, 122141.	12.7	158
14	Removal of 17 β -Estradiol from water by adsorption onto montmorillonite-carbon hybrids derived from pyrolysis carbonization of carboxymethyl cellulose. <i>Journal of Environmental Management</i> , 2019, 236, 25-33.	7.8	25
15	Acute Toxicity of Divalent Mercury Ion to <i>Anguilla japonica</i> from Seawater and Freshwater Aquaculture and Its Effects on Tissue Structure. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1965.	2.6	10
16	Adsorption of 17 β -estradiol by a novel attapulgite/biochar nanocomposite : Characteristics and influencing factors. <i>Chemical Engineering Research and Design</i> , 2019, 121, 155-164.	5.6	54
17	Titanium dioxide-coated biochar composites as adsorptive and photocatalytic degradation materials for the removal of aqueous organic pollutants. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 783-791.	3.2	73
18	Influence of sodium dodecyl sulfate coating on adsorption of methylene blue by biochar from aqueous solution. <i>Journal of Environmental Sciences</i> , 2018, 70, 166-174.	6.1	42

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19	Fabrication of Stabilized Fe-Mn Binary Oxide Nanoparticles: Effective Adsorption of 17 β -Estradiol and Influencing Factors. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2218.	2.6	12
20	Activated magnetic biochar by one-step synthesis: Enhanced adsorption and coadsorption for 17 β -estradiol and copper. <i>Science of the Total Environment</i> , 2018, 639, 1530-1542.	8.0	142
21	Competitive adsorption of Pb(II), Cd(II) and Cu(II) onto chitosan-pyromellitic dianhydride modified biochar. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 355-364.	9.4	342
22	Effect of Cu(II) ions on the enhancement of tetracycline adsorption by Fe ₃ O ₄ @SiO ₂ -Chitosan/graphene oxide nanocomposite. <i>Carbohydrate Polymers</i> , 2017, 157, 576-585.	10.2	245
23	Adsorption Removal of 17 β -Estradiol from Water by Rice Straw-Derived Biochar with Special Attention to Pyrolysis Temperature and Background Chemistry. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1213.	2.6	40
24	Investigation of the adsorption-reduction mechanisms of hexavalent chromium by ramie biochars of different pyrolytic temperatures. <i>Bioresource Technology</i> , 2016, 218, 351-359.	9.6	286
25	Removal of metformin hydrochloride by <i>Alternanthera philoxeroides</i> biomass derived porous carbon materials treated with hydrogen peroxide. <i>RSC Advances</i> , 2016, 6, 79275-79284.	3.6	30
26	Effects of single- and multi-organic acid ligands on adsorption of copper by Fe ₃ O ₄ /graphene oxide-supported DCTA. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 288-295.	9.4	36
27	Biochar to improve soil fertility. A review. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1.	5.3	633
28	Effects of exogenous calcium and spermidine on cadmium stress moderation and metal accumulation in <i>Boehmeria nivea</i> (L.) Gaudich. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8699-8708.	5.3	54
29	Growth inhibition and oxidative damage of <i>Microcystis aeruginosa</i> induced by crude extract of <i>Sagittaria trifolia</i> tubers. <i>Journal of Environmental Sciences</i> , 2016, 43, 40-47.	6.1	49
30	Competitive removal of Cd and Pb by biochars produced from water hyacinths: performance and mechanism. <i>RSC Advances</i> , 2016, 6, 5223-5232.	3.6	124
31	Appraising the effects of various chelants on alleviating cadmium by <i>Boehmeria nivea</i> (L.) Gaud from cadmium-contaminated soils. <i>International Journal of Environmental Science and Technology</i> , 0, , 1.	3.5	1