Anqi Huang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6126544/publications.pdf

Version: 2024-02-01

40 papers	4,512 citations	147566 31 h-index	315357 38 g-index
40 all docs	40 docs citations	40 times ranked	5773 citing authors

#	Article	IF	Citations
1	Modification of biochar derived from sawdust and its application in removal of tetracycline and copper from aqueous solution: Adsorption mechanism and modelling. Bioresource Technology, 2017, 245, 266-273.	4.8	553
2	Efficacy of carbonaceous nanocomposites for sorbing ionizable antibiotic sulfamethazine from aqueous solution. Water Research, 2016, 95, 103-112.	5.3	326
3	Metal-free carbon materials-catalyzed sulfate radical-based advanced oxidation processes: A review on heterogeneous catalysts and applications. Chemosphere, 2017, 189, 224-238.	4.2	320
4	Iron Containing Metalâ€“Organic Frameworks: Structure, Synthesis, and Applications in Environmental Remediation. ACS Applied Materials & Interfaces, 2017, 9, 20255-20275.	4.0	250
5	Effective removal of Cr(<scp>vi</scp>) using Î²-cyclodextrinâ€“chitosan modified biochars with adsorption/reduction bifuctional roles. RSC Advances, 2016, 6, 94-104.	1.7	221
6	Enhanced photocatalytic degradation of norfloxacin in aqueous Bi2WO6 dispersions containing nonionic surfactant under visible light irradiation. Journal of Hazardous Materials, 2016, 306, 295-304.	6.5	216
7	Electrocatalytic properties of N-doped graphite felt in electro-Fenton process and degradation mechanism of levofloxacin. Chemosphere, 2017, 182, 306-315.	4.2	176
8	Treatment of arsenic in acid wastewater and river sediment by Fe@Fe2O3 nanobunches: The effect of environmental conditions and reaction mechanism. Water Research, 2017, 117, 175-186.	5.3	169
9	Insight into highly efficient co-removal of p-nitrophenol and lead by nitrogen-functionalized magnetic ordered mesoporous carbon: Performance and modelling. Journal of Hazardous Materials, 2017, 333, 80-87.	6.5	167
10	Advances in enhanced volatile fatty acid production from anaerobic fermentation of waste activated sludge. Science of the Total Environment, 2019, 694, 133741.	3.9	149
11	pH-dependent degradation of p-nitrophenol by sulfidated nanoscale zerovalent iron under aerobic or anoxic conditions. Journal of Hazardous Materials, 2016, 320, 581-590.	6.5	147
12	Responses of bacterial community and functional marker genes of nitrogen cycling to biochar, compost and combined amendments in soil. Applied Microbiology and Biotechnology, 2016, 100, 8583-8591.	1.7	140
13	Mesoporous carbon nitride based biosensor for highly sensitive and selective analysis of phenol and catechol in compost bioremediation. Biosensors and Bioelectronics, 2014, 61, 519-525.	5.3	132
14	Catalytic reductionâ€“adsorption for removal of p-nitrophenol and its conversion p-aminophenol from water by gold nanoparticles supported on oxidized mesoporous carbon. Journal of Colloid and Interface Science, 2016, 469, 78-85.	5.0	128
15	Nanoporous Au-based chronocoulometric aptasensor for amplified detection of Pb2+ using DNAzyme modified with Au nanoparticles. Biosensors and Bioelectronics, 2016, 81, 61-67.	5.3	126
16	Competitive removal of Cd(<scp>ii</scp>) and Pb(<scp>ii</scp>) by biochars produced from water hyacinths: performance and mechanism. RSC Advances, 2016, 6, 5223-5232.	1.7	124
17	A review of recent applications of porous metals and metal oxide in energy storage, sensing and catalysis. Journal of Materials Science, 2019, 54, 949-973.	1.7	121
18	Highly effective adsorption of cationic and anionic dyes on magnetic Fe/Ni nanoparticles doped bimodal mesoporous carbon. Journal of Colloid and Interface Science, 2015, 448, 451-459.	5.0	113

#	Article	IF	Citations
19	Metal-based quantum dots: synthesis, surface modification, transport and fate in aquatic environments and toxicity to microorganisms. RSC Advances, 2016, 6, 78595-78610.	1.7	101
20	Practical and regenerable electrochemical aptasensor based on nanoporous gold and thymine-Hg 2+ -thymine base pairs for Hg 2+ detection. Biosensors and Bioelectronics, 2017, 90, 542-548.	5.3	98
21	Effective removal of Cr(<scp>vi</scp>) through adsorption and reduction by magnetic mesoporous carbon incorporated with polyaniline. RSC Advances, 2014, 4, 58362-58371.	1.7	90
22	Phosphorus-doped ordered mesoporous carbons embedded with Pd/Fe bimetal nanoparticles for the dechlorination of 2,4-dichlorophenol. Catalysis Science and Technology, 2016, 6, 1930-1939.	2.1	67
23	Label free detection of lead using impedimetric sensor based on ordered mesoporous carbonâ€“gold nanoparticles and DNAzyme catalytic beacons. Talanta, 2016, 146, 641-647.	2.9	64
24	Effects of exogenous calcium and spermidine on cadmium stress moderation and metal accumulation in Boehmeria nivea (L.) Gaudich. Environmental Science and Pollution Research, 2016, 23, 8699-8708.	2.7	54
25	Applications of nanoscale zero-valent iron and its composites to the removal of antibiotics: a review. Journal of Materials Science, 2019, 54, 12171-12188.	1.7	54
26	New insights into the activity of a biochar supported nanoscale zerovalent iron composite and nanoscale zero valent iron under anaerobic or aerobic conditions. RSC Advances, 2017, 7, 8755-8761.	1.7	50
27	Combined removal of di(2-ethylhexyl)phthalate (DEHP) and Pb(<scp>ii</scp>) by using a cutinase loaded nanoporous gold-polyethyleneimine adsorbent. RSC Advances, 2014, 4, 55511-55518.	1.7	47
28	Manganese ferrite modified biochar from vinasse for enhanced adsorption of levofloxacin: Effects and mechanisms. Environmental Pollution, 2021, 272, 115968.	3.7	46
29	Determination of Cd2+ and Pb2+ Based on Mesoporous Carbon Nitride/Self-Doped Polyaniline Nanofibers and Square Wave Anodic Stripping Voltammetry. Nanomaterials, 2016, 6, 7.	1.9	45
30	Amplified and selective detection of manganese peroxidase genes based on enzyme-scaffolded-gold nanoclusters and mesoporous carbon nitride. Biosensors and Bioelectronics, 2015, 65, 382-389.	5.3	36
31	Sensitive impedimetric biosensor based on duplex-like DNA scaffolds and ordered mesoporous carbon nitride for silver(<scp>i</scp>) ion detection. Analyst, The, 2014, 139, 6529-6535.	1.7	32
32	Removal of bisphenol A by iron nanoparticle-doped magnetic ordered mesoporous carbon. RSC Advances, 2016, 6, 25724-25732.	1.7	30
33	Catalytic reduction of hexavalent chromium by a novel nitrogen-functionalized magnetic ordered mesoporous carbon doped with Pd nanoparticles. Environmental Science and Pollution Research, 2016, 23, 22027-22036.	2.7	29
34	Ordered Mesoporous Carbon and Thiolated Polyaniline Modified Electrode for Simultaneous Determination of Cadmium(II) and Lead(II) by Anodic Stripping Voltammetry. Electroanalysis, 2014, 26, 2283-2291.	1.5	28
35	Toward emerging applications using coreâ€“shell nanostructured materials: a review. Journal of Materials Science, 2022, 57, 10912-10942.	1.7	26
36	A novel biosensor for silver(<scp>i</scp>) ion detection based on nanoporous gold and duplex-like DNA scaffolds with anionic intercalator. RSC Advances, 2015, 5, 69738-69744.	1.7	21

#	Article	IF	Citations
37	Characteristics and Influencing Factors of Microbial Community in Heavy Metal Contaminated Soil under Silicon Fertilizer and Biochar Remediation. Adsorption Science and Technology, 2021, 2021, .	1.5	8
38	Time-dependent antioxidative responses of ramie (Boehmeria nivea (L.) Gaudich) to moderate cadmium stress and its up-regulation mechanism by spermidine antioxidant. RSC Advances, 2015, 5, 76141-76149.	1.7	4
39	Iron-based materials for removal of arsenic from water. , 2021, , 209-245.		4
40	Enhancement of Fenton processes at initial circumneutral pH for the degradation of norfloxacin with Fe@FeS core-shell nanowires. Environmental Technology (United Kingdom), 2022, , 1-24.	1.2	0