Jinlong Yan

List of Publications by Year
in descending order

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69	2,037	304368	253896
papers	citations	22 h-index	43 g-index

69	69	69	2394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of different supports on activity of Mnâ€“Ce binary oxides catalysts for toluene combustion. Journal of Rare Earths, 2022, 40, 645-651.	2.5	13
2	Mechanochemical modification of biochar-attapulgite nanocomposites for cadmium removal: Performance and mechanisms. Biochemical Engineering Journal, 2022, 179, 108332.	1.8	10
3	Revitalizing coastal saline-alkali soil with biochar application for improved crop growth. Ecological Engineering, 2022, 179, 106594.	1.6	27
4	Facile fabrication of hollow structured Cu-Ce binary oxides and their catalytic properties for toluene combustion. Catalysis Today, 2021, 376, 239-246.	2.2	22
5	Changes in surface characteristics and adsorption properties of 2,4,6-trichlorophenol following Fenton-like aging of biochar. Scientific Reports, 2021, 11, 4293.	1.6	17
6	Nutrient alterations following biochar application to a Cd-contaminated solution and soil. Biochar, 2021, 3, 457-468.	6.2	7
7	Physicochemical disintegration of biochar: a potentially important process for long-term cadmium and lead sorption. Biochar, 2021, 3, 511-518.	6.2	5
8	Production of activated biochar via a self-blowing strategy-supported sulfidated nanoscale zerovalent iron with enhanced reactivity and stability for Cr(VI) reduction. Journal of Cleaner Production, 2021, 315, 128108.	4.6	39
9	Characteristics of organo-mineral complexes in contaminated soils with long-term biochar application. Journal of Hazardous Materials, 2020, 384, 121265.	6.5	43
10	Effects of cerium precursors on surface properties of mesoporous CeMnO catalysts for toluene combustion. Journal of Rare Earths, 2020, 38, 70-75.	2.5	35
11	Effects of laboratory biotic aging on the characteristics of biochar and its water-soluble organic products. Journal of Hazardous Materials, 2020, 382, 121071.	6.5	90
12	Sorption behavior of dimethyl phthalate in biochar-soil composites: Implications for the transport of phthalate esters in long-term biochar amended soils. Ecotoxicology and Environmental Safety, 2020, 205, 111169.	2.9	13
13	Short- and Long-Term Biochar Cadmium and Lead Immobilization Mechanisms. Environments - MDPI, 2020, 7, 53.	1.5	6
14	Simulated photocatalytic aging of biochar in soil ecosystem: Insight into organic carbon release, surface physicochemical properties and cadmium sorption. Environmental Research, 2020, 183, 109241.	3.7	55
15	Effects of biochar on cadmium (Cd) uptake in vegetables and its natural downward movement in saline-alkali soil. Environmental Pollutants and Bioavailability, 2020, 32, 36-46.	1.3	21
16	Ion-Exchanged ZIF-67 Synthesized by One-Step Method for Enhancement of CO₂ Adsorption. Journal of Nanomaterials, 2020, 2020, 1-11.	1.5	14
17	Insights into the effects of long-term biochar loading on water-soluble organic matter in soil: Implications for the vertical co-migration of heavy metals. Environment International, 2020, 136, 105439.	4.8	36
18	Production of hierarchically porous carbon from natural biomass waste for efficient organic contaminants adsorption. Journal of Cleaner Production, 2020, 263, 121352.	4.6	52

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19	Distinctive Bimetallic Oxides for Enhanced Catalytic Toluene Combustion: Insights into the Tunable Fabrication of Mnâ˜Ce Hollow Structure. ChemCatChem, 2020, 12, 2872-2879.	1.8	27
20	Palygorskite-supported sulï¬de-modiï¬ed nanoscale zero-valent iron for Congo red removal. Environmental Pollutants and Bioavailability, 2019, 31, 233-239.	1.3	3
21	ZIF-67 Derived Hollow Structured Co3O4 Nanocatalysts: Tunable Synthetic Strategy Induced Enhanced Catalytic Performance. Catalysis Letters, 2019, 149, 3058-3065.	1.4	12
22	Remediation of organic halogen- contaminated wetland soils using biochar. Science of the Total Environment, 2019, 696, 134087.	3.9	22
23	Environmental occurrences, fate, and impacts of microplastics. Ecotoxicology and Environmental Safety, 2019, 184, 109612.	2.9	259
24	Hollow-Structural Ag/Co₃O₄ Nanocatalyst for CO Oxidation: Interfacial Synergistic Effect. ACS Applied Nano Materials, 2019, 2, 3480-3489.	2.4	60
25	Biochar Immobilizes and Degrades 2,4,6â€Trichlorophenol in Soils. Environmental Toxicology and Chemistry, 2019, 38, 1364-1371.	2.2	15
26	Adsorptive and Reductive Removal of Chlorophenol from Wastewater by Biomass-Derived Mesoporous Carbon-Supported Sulfide Nanoscale Zerovalent Iron. Nanomaterials, 2019, 9, 1786.	1.9	15
27	Mechanism of adsorption of cadmium and lead ions by iron-activated biochar. BioResources, 2019, 14, 842-857.	0.5	24
28	Thermal-alkali and enzymes for efficient biomethane production from co-digestion of corn straw and cattle manure. BioResources, 2019, 14, 5422-5437.	0.5	6
29	Removal of acid orange 7 by surfactant-modified iron nanoparticle supported on palygorskite: Reactivity and mechanism. Applied Clay Science, 2018, 152, 173-182.	2.6	17
30	Effects of Wet Oxidation Process on Biochar Surface in Acid and Alkaline Soil Environments. Materials, 2018, 11, 2362.	1.3	24
31	Facile Synthesis of Magnetic Nitrogen-Doped Porous Carbon from Bimetallic Metalâ€“Organic Frameworks for Efficient Norfloxacin Removal. Nanomaterials, 2018, 8, 664.	1.9	16
32	Benzothiazole heterogeneous photodegradation in nano Î±-Fe ₂ O ₃ /oxalate system under UV light irradiation. Royal Society Open Science, 2018, 5, 180322.	1.1	6
33	Effects of chemical oxidation on surface oxygen-containing functional groups and adsorption behavior of biochar. Chemosphere, 2018, 207, 33-40.	4.2	257
34	Silica-assisted mesoporous Co@Carbon nanoplates derived from ZIF-67 crystals and their enhanced catalytic activity. Journal of Solid State Chemistry, 2018, 267, 134-139.	1.4	12
35	Molecularly Imprinted Electrochemical Sensor for the Determination of Sulfamethoxazole. Journal of New Materials for Electrochemical Systems, 2018, 21, 077-080.	0.3	10
36	Cobalt nanoparticles embedded in a porous carbon matrix as an efficient catalyst for ammonia decomposition. Catalysis Science and Technology, 2017, 7, 1363-1371.	2.1	21

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37	Highly effective self-propagating synthesis of CeO 2 -doped MnO 2 catalysts for toluene catalytic combustion. Catalysis Today, 2017, 297, 167-172.	2.2	72
38	Reduction of adsorbed As(V) on nano-TiO 2 by sulfate-reducing bacteria. Science of the Total Environment, 2017, 598, 839-846.	3.9	8
39	Embedded iron nanoparticles by graphitized carbon as highly active yet stable catalyst for ammonia decomposition. Molecular Catalysis, 2017, 442, 147-153.	1.0	15
40	Embedded MoN@C nanocomposites as an advanced catalyst for ammonia decomposition toÂCOx-free hydrogen. International Journal of Hydrogen Energy, 2017, 42, 30630-30638.	3.8	19
41	Spatial distribution of total halogenated organic compounds (TX), adsorbable organic halogens (AOX), and heavy metals in wetland soil irrigated with pulp and paper wastewater. Chemical Speciation and Bioavailability, 2017, 29, 15-24.	2.0	10
42	Porous Biomass Carbon Coated with SiO2 as High Performance Electrodes for Capacitive Deionization. BioResources, 2017, 13, .	0.5	4
43	Renewable Material-derived Biochars for the Efficient Removal of 2,4-Dichlorophen from Aqueous Solution: Adsorption/Desorption Mechanisms. BioResources, 2017, 12, .	0.5	5
44	Study on the Mass Transfer Enhancement in Biofilms Applied in Papermaking Wastewater Treatment. BioResources, 2017, 13, .	0.5	1
45	Facile synthesis of novel hierarchically porous carbon derived from nature biomass for enhanced removal of NaCl. Water Science and Technology, 2016, 74, 1821-1831.	1.2	8
46	Continuous immobilization of cadmium and lead in biochar amended contaminated paddy soil: A five-year field experiment. Ecological Engineering, 2016, 93, 1-8.	1.6	145
47	Degradation of Herbicide Mesotrione in Three Soils with Differing Physicochemical Properties from China. Journal of Environmental Quality, 2015, 44, 1631-1637.	1.0	12
48	Removal of Methylene Blue from Aqueous Solution using Porous Biochar Obtained by KOH Activation of Peanut Shell Biochar. BioResources, 2015, 10, .	0.5	47
49	Assessing and monitoring the ecotoxicity of pulp and paper wastewater for irrigating reed fields using the polyurethane foam unit method based on monitoring protozoal communities. Environmental Science and Pollution Research, 2015, 22, 6590-6600.	2.7	4
50	Heterogeneous photodegradation of mesotrione in nano Î±-Fe₂O₃/oxalate system under UV light irradiation. RSC Advances, 2015, 5, 12638-12643.	1.7	6
51	Does Biochar Alter the Speciation of Cd and Pb in Aqueous Solution?. BioResources, 2014, 10, .	0.5	6
52	Removal of the Pesticide Pymetrozine from Aqueous Solution by Biochar Produced from Brewer's Spent Grain at Different Pyrolytic Temperatures. BioResources, 2014, 9, .	0.5	19
53	Nanoscale Zero-Valent Iron Supported on Biochar: Characterization and Reactivity for Degradation of Acid Orange 7 from Aqueous Solution. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	36
54	Adsorption Behaviour of Pymetrozine by Four Kinds of Biochar from Aqueous Solution. Adsorption Science and Technology, 2013, 31, 477-487.	1.5	4

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55	Influence of Biochar on Microbial Activities of Heavy Metals Contaminated Paddy Fields. BioResources, 2013, 8, .	0.5	63
56	THE REDUCTION OF WHEAT Cd UPTAKE IN CONTAMINATED SOIL VIA BIOCHAR AMENDMENT: A TWO-YEAR FIELD EXPERIMENT. BioResources, 2012, 7, .	0.5	68
57	Binding constants of lead by humic and fulvic acids studied by anodic stripping square wave voltammetry. Russian Journal of Electrochemistry, 2010, 46, 90-94.	0.3	14
58	Adsorption, immobilization, and activity of Î²-glucosidase on different soil colloids. Journal of Colloid and Interface Science, 2010, 348, 565-570.	5.0	51
59	Kinetic and thermodynamic parameters of Î²-glucosidase immobilized on various colloidal particles from a paddy soil. Colloids and Surfaces B: Biointerfaces, 2010, 79, 298-303.	2.5	31
60	Effects of Pulp Wastewater Irrigation on Soil Enzyme Activities and Respiration from a Managed Wetland. Soil and Sediment Contamination, 2010, 19, 204-216.	1.1	11
61	EQUILIBRIUM AND KINETIC STUDIES OF PHENOL SORPTION BY CHITOSAN COATED MONTMORILLONITE. Journal of the Chilean Chemical Society, 2009, 54, .	0.5	6
62	Cellulase Activity in Physically Isolated Fractions of a Paddy Soil. , 2009, , .		0
63	Kinetic Models of the Adsorption of Hexavalent Chromium by Chitosan from Aqueous Solution. Adsorption Science and Technology, 2009, 27, 835-843.	1.5	3
64	Electrochemical behavior of valsartan and its determination in capsules. Colloids and Surfaces B: Biointerfaces, 2008, 67, 205-209.	2.5	17
65	Binding Constants of Lead by Humic and Fulvic Acids Studied by Anodic Stripping Square Wave Voltammetry. , 2008, , .		0
66	Adsorption Behavior of P-Chlorophenol on the Reed Wetland Soils. , 2008, , .		0
67	Effect of p-Chlorophenol on Soil Respiration and Urease Activity. , 2008, , .		0
68	Adsorption Properties of Chromium (VI) by Chitosan Coated Montmorillonite. Journal of Biological Sciences, 2006, 6, 941-945.	0.1	38
69	Degradation of Congo red by integration of supported nanoscale zero-valent iron with photo-catalytic oxidation. , 0, 82, 114-120.		3