

Bo-Tao Zhang

List of Publications by Year in descending order

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38
papers

2,318
citations

279798

23
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315739

38
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docs citations

38
times ranked

2670
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial-temporal distributions and influential factors of phthalate acid esters in sediments of three lakes in Inner Mongolia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32800-32812.	5.3	4
2	Heterogeneous activation of persulfate by carbon nanofiber supported Fe ₃ O ₄ @carbon composites for efficient ibuprofen degradation. <i>Journal of Hazardous Materials</i> , 2021, 401, 123428.	12.4	124
3	Activation of persulfate by core-shell structured Fe ₃ O ₄ @C/CDs-Ag nanocomposite for the efficient degradation of penicillin. <i>Separation and Purification Technology</i> , 2021, 254, 117617.	7.9	32
4	Heterogeneous activation of persulfate by activated carbon supported iron for efficient amoxicillin degradation. <i>Environmental Technology and Innovation</i> , 2021, 21, 101259.	6.1	19
5	Application of percarbonate and peroxymonocarbonate in decontamination technologies. <i>Journal of Environmental Sciences</i> , 2021, 105, 100-115.	6.1	30
6	Trophic transfer and dietary exposure risk of mercury in aquatic organisms from urbanized coastal ecosystems. <i>Chemosphere</i> , 2021, 281, 130836.	8.2	20
7	Distribution of microplastics in surface water of the lower Yellow River near estuary. <i>Science of the Total Environment</i> , 2020, 707, 135601.	8.0	233
8	Evaluating climate and irrigation effects on spatiotemporal variabilities of regional groundwater in an arid area using EOFs. <i>Science of the Total Environment</i> , 2020, 709, 136147.	8.0	14
9	Fast determination of peroxymonosulfate by flow injection chemiluminescence using the Tb(III) ligand in micelle medium. <i>Luminescence</i> , 2020, 35, 274-283.	2.9	12
10	Seasonal variation of aquatic macrophytes and its relationship with environmental factors in Baiyangdian Lake, China. <i>Science of the Total Environment</i> , 2020, 708, 135112.	8.0	27
11	Application trends of nanofibers in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 115992.	11.4	29
12	Partition and Fate of Phthalate Acid Esters (PAEs) in a Full-Scale Horizontal Subsurface Flow Constructed Wetland Treating Polluted River Water. <i>Water (Switzerland)</i> , 2020, 12, 865.	2.7	12
13	Activated carbon supported nanoscale zero valent iron for cooperative adsorption and persulfate-driven oxidation of ampicillin. <i>Environmental Technology and Innovation</i> , 2020, 19, 100956.	6.1	24
14	Spatial distribution of phthalate acid esters in sediments of the Laizhou Bay and its relationship with anthropogenic activities and geochemical variables. <i>Science of the Total Environment</i> , 2020, 722, 137912.	8.0	30
15	Carbon nanofibers supported Co/Ag bimetallic nanoparticles for heterogeneous activation of peroxymonosulfate and efficient oxidation of amoxicillin. <i>Journal of Hazardous Materials</i> , 2020, 400, 123290.	12.4	58
16	Observation of plasmon boosted photoelectrochemical activities on single Au/Cu ₂ O nanoelectrode. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 165102.	2.8	3
17	Occurrence and risk assessment of total mercury and methylmercury in surface seawater and sediments from the Jiaozhou Bay, Yellow Sea. <i>Science of the Total Environment</i> , 2020, 714, 136539.	8.0	20
18	Degradation of ibuprofen in the carbon dots/Fe ₃ O ₄ @carbon sphere pomegranate-like composites activated persulfate system. <i>Separation and Purification Technology</i> , 2020, 242, 116820.	7.9	42

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19	Spatial distribution of phthalate acid esters in sediments and its relationships with anthropogenic activities and environmental variables of the Jiaozhou Bay. <i>Marine Pollution Bulletin</i> , 2020, 155, 111161.	5.0	8
20	Oxidative degradation of chloroxylenol in aqueous solution by thermally activated persulfate: Kinetics, mechanisms and toxicities. <i>Chemical Engineering Journal</i> , 2019, 368, 553-563.	12.7	75
21	Response of sediment organic phosphorus composition to lake trophic status in China. <i>Science of the Total Environment</i> , 2019, 652, 495-504.	8.0	42
22	Electrospun magnetic cobalt-carbon nanofiber composites with axis-sheath structure for efficient peroxymonosulfate activation. <i>Applied Surface Science</i> , 2018, 452, 443-450.	6.1	47
23	Comparison of the catalytic performances of different commercial cobalt oxides for peroxymonosulfate activation during dye degradation. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 822-827.	2.6	24
24	Hot electron injection: An efficacious approach to charge LaCoO ₃ for improving the water splitting efficiency. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 432-438.	20.2	33
25	Oxidation of Dyes by Alkaline-Activated Peroxymonosulfate. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	1.4	38
26	Synthesis of mesoporous MCM-41 supported reduced graphene oxide-Fe catalyst for heterogeneous Fenton degradation of phenol. <i>RSC Advances</i> , 2015, 5, 103989-103998.	3.6	18
27	Sulfate Radical and Its Application in Decontamination Technologies. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 1756-1800.	12.8	392
28	Physical, hydrochemical and isotopic characteristics of springs in Beijing, China, compared to historical properties. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 300, 315-323.	1.5	6
29	Distribution of phthalate acid esters in lakes of Beijing and its relationship with anthropogenic activities. <i>Science of the Total Environment</i> , 2014, 476-477, 107-113.	8.0	132
30	Preparation of durable graphene-bonded titanium fibers for efficient microextraction of phthalates from aqueous matrices and analysis with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1370, 9-16.	3.7	25
31	Application of carbon-based nanomaterials in sample preparation: A review. <i>Analytica Chimica Acta</i> , 2013, 784, 1-17.	5.4	387
32	Vortex solvent bar microextraction for phthalate esters from aqueous matrices. <i>Talanta</i> , 2012, 100, 64-70.	5.5	30
33	CO ₂ Separation by a New Solid K ⁺ Fe Sorbent. <i>Energy & Fuels</i> , 2011, 25, 1919-1925.	5.1	54
34	Chemiluminescence and energy transfer mechanism of lanthanide ions in different media based on peroxymonosulfate system. <i>Luminescence</i> , 2010, 25, 322-327.	2.9	18
35	Determination of Rifampicin by Peroxymonosulfate-Cobalt(II) Chemiluminescence System. <i>Chinese Journal of Chemistry</i> , 2008, 26, 905-910.	4.9	16
36	Study on superoxide and hydroxyl radicals generated in indirect electrochemical oxidation by chemiluminescence and UV-Visible spectra. <i>Journal of Environmental Sciences</i> , 2008, 20, 1006-1011.	6.1	44

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37	Determination of folic acid by chemiluminescence based on peroxomonosulfate-cobalt(II) system. <i>Talanta</i> , 2008, 74, 1154-1159.	5.5	114
38	Experimental Studies on the Chemiluminescence Reaction Mechanism of Carbonate/Bicarbonate and Hydrogen Peroxide in the Presence of Cobalt(II). <i>Journal of Physical Chemistry A</i> , 2008, 112, 618-623.	2.5	82