Tao Ye

List of Publications by Year
in descending order

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24	808	567281 15	610901 24
papers	citations	h-index	g-index

24	24	24	1062
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Formation and control of organic chloramines and disinfection by-products during the degradation of pyrimidines and purines by UV/chlorine process in water. Chemosphere, 2022, 286, 131747.	8.2	11
2	The fate and transformation of iodine species in UV irradiation and UV-based advanced oxidation processes. Water Research, 2021, 206, 117755.	11.3	21
3	Preferential leaching of indium metal during room temperature ionic liquid processing of Pdâ€“In nanoparticle-biopolymer composites. Materials Chemistry and Physics, 2020, 249, 123179.	4.0	2
4	Mechanistic study on chlorine/nitrogen transformation and disinfection by-product generation in a UV-activated mixed chlorine/chloramines system. Water Research, 2020, 184, 116116.	11.3	15
5	Crucial roles of oxygen and superoxide radical in bisulfite-activated persulfate oxidation of bisphenol AF: Mechanisms, kinetics and DFT studies. Journal of Hazardous Materials, 2020, 391, 122228.	12.4	64
6	Unexpected effects of incident radiant energy on evaporation of Water condensate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 583, 123992.	4.7	1
7	Sustainable and scalable natural fiber welded palladium-indium catalysts for nitrate reduction. Applied Catalysis B: Environmental, 2018, 221, 290-301.	20.2	50
8	Pd Nanoparticle Catalysts Supported on Nitrogen-Functionalized Activated Carbon for Oxyanion Hydrogenation and Water Purification. ACS Applied Nano Materials, 2018, 1, 6580-6586.	5.0	10
9	Control of halophenol formation in seawater during chlorination using pre-ozonation treatment. Environmental Science and Pollution Research, 2018, 25, 28050-28060.	5.3	10
10	Enhanced neural stem cell functions in conductive annealed carbon nanofibrous scaffolds with electrical stimulation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2485-2494.	3.3	89
11	Development of palladium-resin composites for catalytic hydrodechlorination of 4-chlorophenol. Applied Catalysis B: Environmental, 2017, 205, 576-586.	20.2	53
12	Graphitic Carbon Nitride Supported Ultrafine Pd and Pdâ€“Cu Catalysts: Enhanced Reactivity, Selectivity, and Longevity for Nitrite and Nitrate Hydrogenation. ACS Applied Materials & Interfaces, 2017, 9, 27421-27426.	8.0	54
13	Characterization of trihalomethane, haloacetic acid, and haloacetonitrile precursors in a seawater reverse osmosis system. Science of the Total Environment, 2017, 576, 391-397.	8.0	26
14	Enhancement of Nitrite Reduction Kinetics on Electrospun Pd-Carbon Nanomaterial Catalysts for Water Purification. ACS Applied Materials & Interfaces, 2016, 8, 17739-17744.	8.0	32
15	Lignocellulose Fiber- and Welded Fiber- Supports for Palladium-Based Catalytic Hydrogenation: A Natural Fiber Welding Application for Water Treatment. ACS Sustainable Chemistry and Engineering, 2016, 4, 5511-5522.	6.7	29
16	Evaluation of the treatment of reverse osmosis concentrates from municipal wastewater reclamation by coagulation and granular activated carbon adsorption. Environmental Science and Pollution Research, 2016, 23, 13543-13553.	5.3	11
17	Formation of carbonaceous and nitrogenous disinfection by-products during monochloramination of oxytetracycline including N-Nitrosodimethylamine. Desalination and Water Treatment, 2015, 54, 2299-2306.	1.0	3
18	Research highlights: under-recognized precursors and sources for disinfection byproduct formation. Environmental Science: Water Research and Technology, 2015, 1, 405-407.	2.4	2

#	Article	IF	Citations
19	A comparison of iodinated trihalomethane formation from chlorine, chlorine dioxide and potassium permanganate oxidation processes. Water Research, 2015, 68, 394-403.	11.3	59
20	Comparison of iodinated trihalomethanes formation during aqueous chlor(am)ination of different iodinated X-ray contrast media compounds in the presence of natural organic matter. Water Research, 2014, 66, 390-398.	11.3	53
21	A comparison of carbonaceous, nitrogenous and iodinated disinfection by-products formation potential in different dissolved organic fractions and their reduction in drinking water treatment processes. Separation and Purification Technology, 2014, 133, 82-90.	7.9	34
22	Formation of iodinated disinfection by-products during oxidation of iodide-containing waters with chlorine dioxide. Water Research, 2013, 47, 3006-3014.	11.3	66
23	Formation of iodinated disinfection by-products during oxidation of iodide-containing water with potassium permanganate. Journal of Hazardous Materials, 2012, 241-242, 348-354.	12.4	50
24	Measurement of dissolved organic nitrogen in a drinking water treatment plant: Size fraction, fate, and relation to water quality parameters. Science of the Total Environment, 2011, 409, 1116-1122.	8.0	63