

Tao Ye

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

808
citations

567281

15
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610901

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24
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docs citations

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times ranked

1062
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Enhanced neural stem cell functions in conductive annealed carbon nanofibrous scaffolds with electrical stimulation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2485-2494. | 3.3 | 89 |
| 2 | Formation of iodinated disinfection by-products during oxidation of iodide-containing waters with chlorine dioxide. <i>Water Research</i> , 2013, 47, 3006-3014. | 11.3 | 66 |
| 3 | Crucial roles of oxygen and superoxide radical in bisulfite-activated persulfate oxidation of bisphenol AF: Mechanisms, kinetics and DFT studies. <i>Journal of Hazardous Materials</i> , 2020, 391, 122228. | 12.4 | 64 |
| 4 | Measurement of dissolved organic nitrogen in a drinking water treatment plant: Size fraction, fate, and relation to water quality parameters. <i>Science of the Total Environment</i> , 2011, 409, 1116-1122. | 8.0 | 63 |
| 5 | A comparison of iodinated trihalomethane formation from chlorine, chlorine dioxide and potassium permanganate oxidation processes. <i>Water Research</i> , 2015, 68, 394-403. | 11.3 | 59 |
| 6 | Graphitic Carbon Nitride Supported Ultrafine Pd and Pd@Cu Catalysts: Enhanced Reactivity, Selectivity, and Longevity for Nitrite and Nitrate Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27421-27426. | 8.0 | 54 |
| 7 | 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. <i>Water Research</i> , 2014, 66, 390-398. | 11.3 | 53 |
| 8 | Development of palladium-resin composites for catalytic hydrodechlorination of 4-chlorophenol. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 576-586. | 20.2 | 53 |
| 9 | Formation of iodinated disinfection by-products during oxidation of iodide-containing water with potassium permanganate. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 348-354. | 12.4 | 50 |
| 10 | Sustainable and scalable natural fiber welded palladium-indium catalysts for nitrate reduction. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 290-301. | 20.2 | 50 |
| 11 | 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. <i>Separation and Purification Technology</i> , 2014, 133, 82-90. | 7.9 | 34 |
| 12 | Enhancement of Nitrite Reduction Kinetics on Electrospun Pd-Carbon Nanomaterial Catalysts for Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17739-17744. | 8.0 | 32 |
| 13 | Lignocellulose Fiber- and Welded Fiber- Supports for Palladium-Based Catalytic Hydrogenation: A Natural Fiber Welding Application for Water Treatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5511-5522. | 6.7 | 29 |
| 14 | Characterization of trihalomethane, haloacetic acid, and haloacetonitrile precursors in a seawater reverse osmosis system. <i>Science of the Total Environment</i> , 2017, 576, 391-397. | 8.0 | 26 |
| 15 | The fate and transformation of iodine species in UV irradiation and UV-based advanced oxidation processes. <i>Water Research</i> , 2021, 206, 117755. | 11.3 | 21 |
| 16 | Mechanistic study on chlorine/nitrogen transformation and disinfection by-product generation in a UV-activated mixed chlorine/chloramines system. <i>Water Research</i> , 2020, 184, 116116. | 11.3 | 15 |
| 17 | Evaluation of the treatment of reverse osmosis concentrates from municipal wastewater reclamation by coagulation and granular activated carbon adsorption. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13543-13553. | 5.3 | 11 |
| 18 | Formation and control of organic chloramines and disinfection by-products during the degradation of pyrimidines and purines by UV/chlorine process in water. <i>Chemosphere</i> , 2022, 286, 131747. | 8.2 | 11 |

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|----|--|-----|-----------|
| 19 | Pd Nanoparticle Catalysts Supported on Nitrogen-Functionalized Activated Carbon for Oxyanion Hydrogenation and Water Purification. <i>ACS Applied Nano Materials</i> , 2018, 1, 6580-6586. | 5.0 | 10 |
| 20 | Control of halophenol formation in seawater during chlorination using pre-ozonation treatment. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28050-28060. | 5.3 | 10 |
| 21 | Formation of carbonaceous and nitrogenous disinfection by-products during monochloramination of oxytetracycline including N-Nitrosodimethylamine. <i>Desalination and Water Treatment</i> , 2015, 54, 2299-2306. | 1.0 | 3 |
| 22 | Research highlights: under-recognized precursors and sources for disinfection byproduct formation. <i>Environmental Science: Water Research and Technology</i> , 2015, 1, 405-407. | 2.4 | 2 |
| 23 | Preferential leaching of indium metal during room temperature ionic liquid processing of Pd-In nanoparticle-biopolymer composites. <i>Materials Chemistry and Physics</i> , 2020, 249, 123179. | 4.0 | 2 |
| 24 | Unexpected effects of incident radiant energy on evaporation of Water condensate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 123992. | 4.7 | 1 |