

Eun-Ju Kim

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

476
citations

759233

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1058476

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docs citations

14
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Defective, oxygen-functionalized multi-walled carbon nanotubes as an efficient peroxymonosulfate activator for degradation of organic pollutants. <i>Journal of Hazardous Materials</i> , 2020, 396, 122757.	12.4	102
2	Microplastic removal in conventional drinking water treatment processes: Performance, mechanism, and potential risk. <i>Water Research</i> , 2021, 202, 117417.	11.3	79
3	Individual and simultaneous degradation of sulfamethoxazole and trimethoprim by ozone, ozone/hydrogen peroxide and ozone/persulfate processes: A comparative study. <i>Environmental Research</i> , 2020, 189, 109889.	7.5	56
4	Elimination of microcystin-LR and residual Mn species using permanganate and powdered activated carbon: Oxidation products and pathways. <i>Water Research</i> , 2017, 114, 189-199.	11.3	40
5	Preparation, characterization, and application of TiO ₂ -patterned polyimide film as a photocatalyst for oxidation of organic contaminants. <i>Journal of Hazardous Materials</i> , 2017, 340, 300-308.	12.4	36
6	Persulfate activation by nanodiamond-derived carbon onions: Effect of phase transformation of the inner diamond core on reaction kinetics and mechanisms. <i>Applied Catalysis B: Environmental</i> , 2021, 293, 120205.	20.2	35
7	Quantitative evaluation of the antibacterial factors of ZnO nanorod arrays under dark conditions: Physical and chemical effects on <i>Escherichia coli</i> inactivation. <i>Science of the Total Environment</i> , 2020, 712, 136574.	8.0	25
8	Biogeochemical Alteration of an Aquifer Soil during In Situ Chemical Oxidation by Hydrogen Peroxide and Peroxymonosulfate. <i>Environmental Science & Technology</i> , 2021, 55, 5301-5311.	10.0	23
9	Seasonal variation and spatial distribution of microplastics in tertiary wastewater treatment plant in South Korea. <i>Journal of Hazardous Materials</i> , 2022, 438, 129474.	12.4	20
10	Visible-Light Activation of a Dissolved Organic Matter-TiO ₂ Complex Mediated <i>via</i> Ligand-to-Metal Charge Transfer. <i>Environmental Science & Technology</i> , 2022, 56, 10829-10837.	10.0	17
11	Binder-free immobilization of TiO ₂ photocatalyst on steel mesh via electrospraying and hot-pressing and its application for organic micropollutant removal and disinfection. <i>Journal of Hazardous Materials</i> , 2018, 360, 62-70.	12.4	16
12	Fragmentation of nanoplastics driven by plant-microbe rhizosphere interaction during abiotic stress combination. <i>Environmental Science: Nano</i> , 2021, 8, 2802-2810.	4.3	15
13	Long-term and stable antimicrobial properties of immobilized Ni/TiO ₂ nanocomposites against <i>Escherichia coli</i> , <i>Legionella thermalis</i> , and MS2 bacteriophage. <i>Environmental Research</i> , 2021, 194, 110657.	7.5	8
14	Entropy-Driven Aggregation of Titanium Dioxide Nanoparticles in Aquatic Environments. <i>Journal of Physical Chemistry A</i> , 2020, 124, 7134-7139.	2.5	4