Lifeng Yin

List of Publications by Year in descending order

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LIFENC VIN

#	Article	IF	CITATIONS
1	Electrochemical degradation of enrofloxacin by lead dioxide anode: Kinetics, mechanism and toxicity evaluation. Chemical Engineering Journal, 2017, 326, 911-920.	12.7	161
2	Degradation of Pentachlorophenol and 2,4-Dichlorophenol by Sequential Visible-Light Driven Photocatalysis and Laccase Catalysis. Environmental Science & Technology, 2010, 44, 9117-9122.	10.0	108
3	Electrochemical removal of nitrate in industrial wastewater. Frontiers of Environmental Science and Engineering, 2018, 12, 1.	6.0	108
4	Photoinduced Hydrodefluorination Mechanisms of Perfluorooctanoic Acid by the SiC/Graphene Catalyst. Environmental Science & Technology, 2016, 50, 5857-5863.	10.0	104
5	Mechanism of Reductive Decomposition of Pentachlorophenol by Ti-Doped β-Bi ₂ O ₃ under Visible Light Irradiation. Environmental Science & Technology, 2010, 44, 5581-5586.	10.0	101
6	Electrochemical degradation of fluoxetine on nanotube array intercalated anode with enhanced electronic transport and hydroxyl radical production. Chemical Engineering Journal, 2018, 346, 662-671.	12.7	94
7	Photocatalytic degradation kinetics and mechanism of pentachlorophenol based on Superoxide radicals. Journal of Environmental Sciences, 2011, 23, 1911-1918.	6.1	88
8	Heavy metal pollution in the surface water of the Yangtze Estuary: A 5-year follow-up study. Chemosphere, 2015, 138, 718-725.	8.2	88
9	Scalable, flexible and reusable graphene oxide-functionalized electrospun nanofibrous membrane for solar photothermal desalination. Desalination, 2020, 488, 114535.	8.2	71
10	Insights of ibuprofen electro-oxidation on metal-oxide-coated Ti anodes: Kinetics, energy consumption and reaction mechanisms. Chemosphere, 2016, 163, 584-591.	8.2	65
11	Photocatalytic reduction of triclosan on Au–Cu ₂ O nanowire arrays as plasmonic photocatalysts under visible light irradiation. Physical Chemistry Chemical Physics, 2015, 17, 17421-17428.	2.8	34
12	The electron structure and photocatalytic activity of Ti(IV) doped Bi2O3. Science China Chemistry, 2011, 54, 180-185.	8.2	32
13	Proton-assisted electron transfer and hydrogen-atom diffusion in a model system for photocatalytic hydrogen production. Communications Materials, 2020, 1, 66.	6.9	28
14	Shape-selective adsorption mechanism of CS-Z1 microporous molecular sieve for organic pollutants. Journal of Hazardous Materials, 2020, 392, 122314.	12.4	26
15	Rapid dechlorination of chlorophenols in aqueous solution by [Ni Cu] microcell. Journal of Hazardous Materials, 2012, 209-210, 414-420.	12.4	24
16	Electrosynthesis of >20 g/L H ₂ O ₂ from Air. ACS ES&T Engineering, 2022, 2, 242-250.	7.6	23
17	Enhanced perfluorooctane acid mineralization by electrochemical oxidation using Ti3+ self-doping TiO2 nanotube arrays anode. Chemosphere, 2022, 286, 131804.	8.2	21
18	Design of visible light responsive photocatalysts for selective reduction of chlorinated organic compounds in water. Applied Catalysis A: General, 2016, 521, 90-95.	4.3	19

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19	Sulfur (VI) modified graphite carbon nitride nanosheets with chrysanthemum-like structure and enhanced photocatalytic activity. Chemical Physics Letters, 2018, 693, 1-7.	2.6	15
20	Photochemical transformation of perfluoroalkyl acid precursors in water using engineered nanomaterials. Water Research, 2020, 181, 115964.	11.3	12
21	Synthesis and photocatalytic activity of Ag–Ti–Si ternary modified α-Bi2O3 nanoporous spheres. Materials Letters, 2015, 142, 225-228.	2.6	11
22	Insights into electrochemical decomposition mechanism of lipopolysaccharide using TiO2 nanotubes arrays electrode. Journal of Hazardous Materials, 2020, 391, 122259.	12.4	11
23	Photocatalytic hydrogen evolution over nickel cobalt bimetallic phosphate anchored graphitic carbon nitrides by regulation of the d-band electronic structure. Catalysis Science and Technology, 2020, 10, 3654-3663.	4.1	9
24	Electrocatalytic degradation of pesticide micropollutants in water by high energy pulse magnetron sputtered Pt/Ti anode. Chinese Chemical Letters, 2022, 33, 5196-5199.	9.0	8
25	Photocatalytic hydrogen evolution by degradation of organic pollutants over quantum dots doped nitrogen carbide. Chemosphere, 2022, 291, 132873.	8.2	7
26	Photocatalytic degradation of fipronil in water by silver-modified lithium vanadium phosphate spheres under visible light irradiation. Science China Chemistry, 2015, 58, 1912-1917.	8.2	6
27	Degradation of 2,4,6-trichlorphenol by producing hydrogen using ultrasonic mist generated from photocatalysts suspension. Emerging Contaminants, 2020, 6, 155-161.	4.9	2
28	Atmospheric Deposition of Particulate Matter and Micropollutants as a Major Mass Transport Route to Surface Water in Winter: Measurement and Modeling in Beijing in 2014 and 2021. ACS Earth and Space Chemistry, 2022, 6, 962-973.	2.7	2
29	Photocatalytic Degradation of Crystal Violet Using Prepared Bismuth Titanate Mixed Oxide. , 2009, , .		0
30	Photo-Electro Catalysis for Reduction of Halogenated Disinfection By-Products and Mechanism of H+/H• Confined Transfer and Transformation. ECS Meeting Abstracts, 2020, MA2020-02, 3284-3284.	0.0	0