

Lifeng Yin

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,280
citations

430843

18
h-index

477281

29
g-index

31
all docs

31
docs citations

31
times ranked

1652
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical degradation of enrofloxacin by lead dioxide anode: Kinetics, mechanism and toxicity evaluation. <i>Chemical Engineering Journal</i> , 2017, 326, 911-920.	12.7	161
2	Degradation of Pentachlorophenol and 2,4-Dichlorophenol by Sequential Visible-Light Driven Photocatalysis and Laccase Catalysis. <i>Environmental Science & Technology</i> , 2010, 44, 9117-9122.	10.0	108
3	Electrochemical removal of nitrate in industrial wastewater. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	6.0	108
4	Photoinduced Hydrodefluorination Mechanisms of Perfluorooctanoic Acid by the SiC/Graphene Catalyst. <i>Environmental Science & Technology</i> , 2016, 50, 5857-5863.	10.0	104
5	Mechanism of Reductive Decomposition of Pentachlorophenol by Ti-Doped Bi_2O_3 under Visible Light Irradiation. <i>Environmental Science & Technology</i> , 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. <i>Chemical Engineering Journal</i> , 2018, 346, 662-671.	12.7	94
7	Photocatalytic degradation kinetics and mechanism of pentachlorophenol based on Superoxide radicals. <i>Journal of Environmental Sciences</i> , 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. <i>Chemosphere</i> , 2015, 138, 718-725.	8.2	88
9	Scalable, flexible and reusable graphene oxide-functionalized electrospun nanofibrous membrane for solar photothermal desalination. <i>Desalination</i> , 2020, 488, 114535.	8.2	71
10	Insights of ibuprofen electro-oxidation on metal-oxide-coated Ti anodes: Kinetics, energy consumption and reaction mechanisms. <i>Chemosphere</i> , 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. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 17421-17428.	2.8	34
12	The electron structure and photocatalytic activity of Ti(IV) doped Bi ₂ O ₃ . <i>Science China Chemistry</i> , 2011, 54, 180-185.	8.2	32
13	Proton-assisted electron transfer and hydrogen-atom diffusion in a model system for photocatalytic hydrogen production. <i>Communications Materials</i> , 2020, 1, 66.	6.9	28
14	Shape-selective adsorption mechanism of CS-Z1 microporous molecular sieve for organic pollutants. <i>Journal of Hazardous Materials</i> , 2020, 392, 122314.	12.4	26
15	Rapid dechlorination of chlorophenols in aqueous solution by [Ni Cu] microcell. <i>Journal of Hazardous Materials</i> , 2012, 209-210, 414-420.	12.4	24
16	Electrosynthesis of 20 g/L H ₂ O ₂ from Air. <i>ACS ES&T Engineering</i> , 2022, 2, 242-250.	7.6	23
17	Enhanced perfluorooctane acid mineralization by electrochemical oxidation using Ti ³⁺ self-doping TiO ₂ nanotube arrays anode. <i>Chemosphere</i> , 2022, 286, 131804.	8.2	21
18	Design of visible light responsive photocatalysts for selective reduction of chlorinated organic compounds in water. <i>Applied Catalysis A: General</i> , 2016, 521, 90-95.	4.3	19

#	ARTICLE	IF	CITATIONS
19	Sulfur (VI) modified graphite carbon nitride nanosheets with chrysanthemum-like structure and enhanced photocatalytic activity. <i>Chemical Physics Letters</i> , 2018, 693, 1-7.	2.6	15
20	Photochemical transformation of perfluoroalkyl acid precursors in water using engineered nanomaterials. <i>Water Research</i> , 2020, 181, 115964.	11.3	12
21	Synthesis and photocatalytic activity of Ag-Ti-Si ternary modified Bi_2O_3 nanoporous spheres. <i>Materials Letters</i> , 2015, 142, 225-228.	2.6	11
22	Insights into electrochemical decomposition mechanism of lipopolysaccharide using TiO_2 nanotubes arrays electrode. <i>Journal of Hazardous Materials</i> , 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. <i>Catalysis Science and Technology</i> , 2020, 10, 3654-3663.	4.1	9
24	Electrocatalytic degradation of pesticide micropollutants in water by high energy pulse magnetron sputtered Pt/Ti anode. <i>Chinese Chemical Letters</i> , 2022, 33, 5196-5199.	9.0	8
25	Photocatalytic hydrogen evolution by degradation of organic pollutants over quantum dots doped nitrogen carbide. <i>Chemosphere</i> , 2022, 291, 132873.	8.2	7
26	Photocatalytic degradation of fipronil in water by silver-modified lithium vanadium phosphate spheres under visible light irradiation. <i>Science China Chemistry</i> , 2015, 58, 1912-1917.	8.2	6
27	Degradation of 2,4,6-trichlorophenol by producing hydrogen using ultrasonic mist generated from photocatalysts suspension. <i>Emerging Contaminants</i> , 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. <i>ACS Earth and Space Chemistry</i> , 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_2 Confined Transfer and Transformation. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3284-3284.	0.0	0