

Xia Yang

List of Publications by Year in descending order

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27
papers

957
citations

471509

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docs citations

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1248
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed phase titania nanocomposite codoped with metallic silver and vanadium oxide: New efficient photocatalyst for dye degradation. <i>Journal of Hazardous Materials</i> , 2010, 175, 429-438.	12.4	157
2	Self-cleaning anti-fouling hybrid ultrafiltration membranes via side chain grafting of poly(aryl ether) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	8.2	104
3	Rare earth oxide-doped titania nanocomposites with enhanced photocatalytic activity towards the degradation of partially hydrolysis polyacrylamide. <i>Applied Surface Science</i> , 2009, 255, 3731-3738.	6.1	78
4	Enhanced gas-phase photocatalytic removal of aromatics over direct Z-scheme-dictated H3PW12O40/g-C3N4 film-coated optical fibers. <i>Applied Catalysis B: Environmental</i> , 2019, 251, 168-180.	20.2	71
5	Fabrication of a Perylene Tetracarboxylic Diimideâ€“Graphitic Carbon Nitride Heterojunction Photocatalyst for Efficient Degradation of Aqueous Organic Pollutants. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 588-602.	8.0	70
6	Design of mesostructured H3PW12O40â€“titania materials with controllable structural orderings and pore geometries and their simulated sunlight photocatalytic activity towards diethyl phthalate degradation. <i>Applied Catalysis B: Environmental</i> , 2010, 99, 364-375.	20.2	62
7	Photocatalytic degradation of an aqueous sulfamethoxazole over the metallic silver and Keggin unit codoped titania nanocomposites. <i>Applied Surface Science</i> , 2012, 258, 7039-7046.	6.1	43
8	Enhanced photocatalytic conversion and selectivity of nitrate reduction to nitrogen over AgCl/TiO ₂ nanotubes. <i>Dalton Transactions</i> , 2018, 47, 11104-11112.	3.3	38
9	Bactericidal efficiency and photochemical mechanisms of micro/nano bubbleâ€“enhanced visible light photocatalytic water disinfection. <i>Water Research</i> , 2021, 203, 117531.	11.3	37
10	Phosphotungstic acid and propylsulfonic acid bifunctionalized ordered mesoporous silica: A highly efficient and reusable catalysts for esterification of oleic acid. <i>Chemical Engineering Journal</i> , 2022, 430, 133059.	12.7	33
11	A direct dual Z-scheme 3DOM SnS2â€“ZnS/ZrO2 composite with excellent photocatalytic degradation and hydrogen production performance. <i>Chemosphere</i> , 2021, 279, 130882.	8.2	31
12	Engineering of graphitic carbon nitride with simultaneous potassium doping sites and nitrogen defects for notably enhanced photocatalytic oxidation performance. <i>Science of the Total Environment</i> , 2021, 796, 148946.	8.0	31
13	Novel direct dual Z-scheme AgBr(Ag)/MIL-101(Cr)/CuFe2O4 for efficient conversion of nitrate to nitrogen. <i>Applied Surface Science</i> , 2020, 508, 145225.	6.1	29
14	Synthesis, modifications and applications of MILs Metal-organic frameworks for environmental remediation: The cutting-edge review. <i>Science of the Total Environment</i> , 2022, 810, 152279.	8.0	28
15	Novel Z-Scheme Ag/TiO2/AgMIL-101(Cr) as an efficient photocatalyst for nitrogen production from nitrate. <i>Applied Surface Science</i> , 2019, 479, 1048-1056.	6.1	22
16	Co ₃ (PO ₄) ₂ /Ag ₃ PO ₄ with enhanced simulated sunlight photocatalytic activity toward ofloxacin degradation and mechanism insight. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1660-1669.	3.2	22
17	The preparation, characterization of TiO2-X/Ag3PO4 heterojunctions with enhanced photocatalytic visible-light performance. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156947.	5.5	21
18	Comparing polyethersulfone and polyurethane-immobilized cells of Comamonas testosteroni QYY in treatment of an accidental dye wastewater. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 36-43.	2.6	12

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19	High-Performance TiO ₂ Nanotubes/Poly(aryl ether sulfone) Hybrid Self-Cleaning Anti-Fouling Ultrafiltration Membranes. <i>Polymers</i> , 2019, 11, 555.	4.5	12
20	Solar-driven Ag@NH ₂ -MIL-125/PAES-CF ₃ -COOH tight reactive hybrid ultrafiltration membranes for high self-cleaning efficiency. <i>Journal of Membrane Science</i> , 2022, 641, 119866.	8.2	11
21	In-situ synthesis of metal-organic framework embedded in ordered mesoporous silica functionalized with carboxyl groups for 4-nitrophenol to 4-aminophenol. <i>Applied Surface Science</i> , 2022, 597, 153720.	6.1	11
22	Novel porous polyethersulfone beads as matrix to immobilize <i>Comamonas testosteroni</i> sp. bdq06 in quinoline biodegradation. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 645-650.	2.6	9
23	Rapid removal and mechanism investigation of low-concentration phosphate from wastewater by CuFe ₂ O ₄ /MIL-101(Fe) composite. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 117-127.	9.1	9
24	Ultra-high selectivity self-supporting symmetric membrane for forward osmosis separation. <i>Desalination</i> , 2022, 534, 115796.	8.2	7
25	Self-cleaning Anti-fouling TiO ₂ /Poly(aryl ether sulfone) Composite Ultrafiltration Membranes. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 714-720.	2.6	4
26	One-step direct synthesis of ordered mesoporous carbon supported tungsten trioxide for photocatalytic degradation of Rhodamine B. <i>Materials Letters</i> , 2021, 301, 130324.	2.6	3
27	Facile synthesis of nanostructured SnO ₂ films and their properties in ethanol gas sensing. <i>Micro and Nano Letters</i> , 2018, 13, 1101-1104.	1.3	2