

Shiping Xu

List of Publications by Year in descending order

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37
papers

2,154
citations

304743

22
h-index

330143

37
g-index

37
all docs

37
docs citations

37
times ranked

3118
citing authors

#	ARTICLE	IF	CITATIONS
1	Diametrically opposite effect of Cu ²⁺ on sulfamerazine and ciprofloxacin adsorption-photodegradation in g-C ₃ N ₄ /visible light system: behavior and mechanism study. <i>Chemical Engineering Journal</i> , 2022, 428, 131065.	12.7	20
2	Comparison of nano-TiO ₂ immobilization approaches onto biochar: Superiorities of click chemistry strategy and self-acceleration of pollutant degradation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107544.	6.7	7
3	Sulfur-doped graphitic carbon nitride for Tm:YAlO ₃ laser operation at 2.3 μm. <i>Optics Letters</i> , 2021, 46, 2043.	3.3	7
4	Facile synthesis of highly crystalline g-C ₃ N ₄ nanosheets with remarkable visible light photocatalytic activity for antibiotics removal. <i>Chemosphere</i> , 2021, 271, 129503.	8.2	29
5	Evaluation of practical application potential of a photocatalyst: Ultimate apparent photocatalytic activity. <i>Chemosphere</i> , 2021, 285, 131323.	8.2	12
6	Band structure tuning of g-C ₃ N ₄ via sulfur doping for broadband near-infrared ultrafast photonic applications. <i>Nanophotonics</i> , 2021, 11, 139-151.	6.0	11
7	Molecularly imprinted carbon nanosheets supported TiO ₂ : Strong selectivity and synergic adsorption-photocatalysis for antibiotics removal. <i>Journal of Hazardous Materials</i> , 2020, 383, 121211.	12.4	99
8	Alumina-mediated photocatalytic degradation of hexachlorobenzene in aqueous system: Kinetics and mechanism. <i>Chemosphere</i> , 2020, 257, 127256.	8.2	18
9	Effective blockage of chloride ion quenching and chlorinated by-product generation in photocatalytic wastewater treatment. <i>Journal of Hazardous Materials</i> , 2020, 396, 122670.	12.4	31
10	Introduction of porous structure via facile carbon-dot modulation: A feasible and promising approach for improving the photocatalytic capability of sulfur doped g-C ₃ N ₄ . <i>Catalysis Today</i> , 2019, 335, 502-510.	4.4	44
11	Exploring the Relationship Between <i>Clostridium thermocellum</i> JN4 and <i>Thermoanaerobacterium thermosaccharolyticum</i> GD17. <i>Frontiers in Microbiology</i> , 2019, 10, 2035.	3.5	5
12	Nitrification-anammox process – A realizable and satisfactory way to remove nitrogen from high saline wastewater. <i>Bioresource Technology</i> , 2019, 275, 86-93.	9.6	64
13	Unique bar-like sulfur-doped C ₃ N ₄ /TiO ₂ nanocomposite: Excellent visible light driven photocatalytic activity and mechanism study. <i>Applied Surface Science</i> , 2018, 436, 873-881.	6.1	42
14	Microbial dynamics of biofilm and suspended flocs in anammox membrane bioreactor: The effect of non-woven fabric membrane. <i>Bioresource Technology</i> , 2018, 247, 259-266.	9.6	30
15	Enhanced degradation of ciprofloxacin by graphitized mesoporous carbon (GMC)-TiO ₂ nanocomposite: Strong synergy of adsorption-photocatalysis and antibiotics degradation mechanism. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 202-213.	9.4	164
16	Carbon-doped golden wattle-like TiO ₂ microspheres with excellent visible light photocatalytic activity: Simultaneous in-situ carbon doping and single-crystal nanorod self-assembly. <i>Applied Surface Science</i> , 2018, 448, 78-87.	6.1	26
17	One-pot synthesis of highly active Ni/Fe nano-bimetal by simultaneous ball milling and in situ chemical deposition. <i>RSC Advances</i> , 2018, 8, 26469-26475.	3.6	11
18	Solvent effects on microstructures and properties of three-dimensional hierarchical TiO ₂ microsphere structures synthesized via solvothermal approach. <i>Journal of Solid State Chemistry</i> , 2017, 253, 167-175.	2.9	20

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19	3D hierarchical golden wattle-like TiO ₂ microspheres: polar acetone-based solvothermal synthesis and enhanced water purification performance. CrystEngComm, 2017, 19, 2187-2194.	2.6	21
20	Preparation of well-developed mesoporous activated carbon with high yield by ammonium polyphosphate activation. Journal of the Taiwan Institute of Chemical Engineers, 2016, 66, 394-399.	5.3	20
21	Facile one-pot synthesis of carbon incorporated three-dimensional hierarchical TiO ₂ nanostructure for highly efficient pollutant removal. RSC Advances, 2016, 6, 101198-101207.	3.6	8
22	Chemical preparation of crab shell-based activated carbon with superior adsorption performance for dye removal from wastewater. Journal of the Taiwan Institute of Chemical Engineers, 2016, 61, 327-335.	5.3	57
23	Activated carbons with well-developed mesoporosity prepared by activation with different alkali salts. Materials Letters, 2015, 146, 34-36.	2.6	24
24	Preparation and evaluation of adsorptive properties of micro-mesoporous activated carbon via sodium aluminate activation. Chemical Engineering Journal, 2015, 274, 76-83.	12.7	30
25	Polyelectrolyte-promoted forward osmosis process for dye wastewater treatment – Exploring the feasibility of using polyacrylamide as draw solute. Chemical Engineering Journal, 2015, 264, 32-38.	12.7	68
26	The size and dispersion effect of modified graphene oxide sheets on the photocatalytic H ₂ generation activity of TiO ₂ nanorods. Carbon, 2013, 60, 445-452.	10.3	29
27	Facile Adsorption-Dry Process to Incorporate Cu Into TiO ₂ Nanotube for Highly Efficient Photocatalytic Hydrogen Production. Journal of Nanoscience and Nanotechnology, 2013, 13, 6866-6871.	0.9	5
28	Hierarchical CuO/ZnO “corn-like” architecture for photocatalytic hydrogen generation. International Journal of Hydrogen Energy, 2011, 36, 13473-13480.	7.1	142
29	Adsorption and photocatalytic degradation of Acid Orange 7 over hydrothermally synthesized mesoporous TiO ₂ nanotube. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 379, 169-175.	4.7	65
30	Highly efficient CuO incorporated TiO ₂ nanotube photocatalyst for hydrogen production from water. International Journal of Hydrogen Energy, 2011, 36, 6560-6568.	7.1	202
31	Highly efficient TiO ₂ nanotube photocatalyst for simultaneous hydrogen production and copper removal from water. International Journal of Hydrogen Energy, 2011, 36, 6538-6545.	7.1	86
32	Synthesis of graphene soluble in organic solvents by simultaneous ether-functionalization with octadecane groups and reduction. Materials Letters, 2010, 64, 2236-2239.	2.6	24
33	Hybridized Nanowires and Cubes: A Novel Architecture of a Heterojunctioned TiO ₂ /SrTiO ₃ Thin Film for Efficient Water Splitting. Advanced Functional Materials, 2010, 20, 4287-4294.	14.9	276
34	Fabrication and comparison of highly efficient Cu incorporated TiO ₂ photocatalyst for hydrogen generation from water. International Journal of Hydrogen Energy, 2010, 35, 5254-5261.	7.1	183
35	Preparation and application of TiO ₂ /Al ₂ O ₃ microspherical photocatalyst for water treatment. Water Science and Technology: Water Supply, 2009, 9, 39-44.	2.1	12
36	Significant improvement of photocatalytic hydrogen generation rate over TiO ₂ with deposited CuO. International Journal of Hydrogen Energy, 2009, 34, 6096-6104.	7.1	243

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37	Room-temperature fabrication of anatase TiO ₂ submicrospheres with nanothornlike shell for photocatalytic degradation of methylene blue. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 204, 154-160.	3.9	19