

Lu Chunhua

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,533
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

2588
citing authors

#	ARTICLE	IF	CITATIONS
1	Selectivity Enhancement in Heterogeneous Photocatalytic Transformations. <i>Chemical Reviews</i> , 2017, 117, 1445-1514.	47.7	658
2	Compact and uniform TiO ₂ @g-C ₃ N ₄ core-shell quantum heterojunction for photocatalytic degradation of tetracycline antibiotics. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 57-64.	20.2	298
3	Oriented Built-in Electric Field Introduced by Surface Gradient Diffusion Doping for Enhanced Photocatalytic H ₂ Evolution in CdS Nanorods. <i>Nano Letters</i> , 2017, 17, 3803-3808.	9.1	225
4	Hydrogenation of TiO ₂ nanosheets with exposed {001} facets for enhanced photocatalytic activity. <i>RSC Advances</i> , 2012, 2, 8286.	3.6	143
5	Construction of Infrared-Light-Responsive Photoinduced Carriers Driver for Enhanced Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2020, 32, e1906361.	21.0	131
6	Highly efficient photocatalytic hydrogen generation of g-C ₃ N ₄ -CdS sheets based on plasmon-enhanced triplet-triplet annihilation upconversion. <i>Applied Catalysis B: Environmental</i> , 2019, 258, 117762.	20.2	50
7	Construction of a Facile Recyclable Graphene-Like C ₃ N ₄ Cilia Array for Effective Visible-Light-Responsive Photocatalytic Hydrogen Production. <i>Energy & Fuels</i> , 2020, 34, 10290-10298.	5.1	12
8	Interfacial Design to Enhance Photocatalytic Hydrogen Evolution via Optimizing Energy and Mass Flows. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21207-21216.	8.0	9
9	Surface Structures, Particles, and Fibers of Shape-Memory Polymers at Micro-/Nanoscale. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-16.	1.7	6
10	Scalable Nanofabrication of T-Shape Nanopillars Based on Polystyrene/Polyphenylsilsesquioxane Films Showing Broadband Antireflection and Super-omniphobicity. <i>ACS Applied Nano Materials</i> , 2022, 5, 3973-3982.	5.0	1
11	Construction of an Interfacial Photocatalytic Mode Based on Carbonized Mushrooms to Enhance Infrared Light-Assisted Photocatalytic Water Splitting Performance. <i>Langmuir</i> , 2022, 38, 2811-2820.	3.5	0