

Wei Nie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4774832/publications.pdf>

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14
papers

1,110
citations

1040018

9
h-index

1199563

12
g-index

14
all docs

14
docs citations

14
times ranked

1647
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Work Function Metals Boost Selective and Fast Scission of Methanol C-H Bonds. ACS Catalysis, 2022, 12, 6375-6384.	11.2	19
2	Probing of coupling effect induced plasmonic charge accumulation for water oxidation. National Science Review, 2021, 8, nwaa151.	9.5	30
3	Visualizing the Spatial Heterogeneity of Electron Transfer on a Metallic Nanoplate Prism. Nano Letters, 2021, 21, 8901-8909.	9.1	13
4	Identifying the Role of the Local Charge Density on the Hydrogen Evolution Reaction of the Photoelectrode. Journal of Physical Chemistry Letters, 2021, 12, 10829-10836.	4.6	8
5	Internal Electric Field Enhanced Charge Separation in a Single-Domain Ferroelectric PbTiO ₃ Photocatalyst. Advanced Materials, 2020, 32, e1906513.	21.0	121
6	The Polarization Effect in Surface Plasmon-Induced Photocatalysis on Au/TiO ₂ Nanoparticles. Angewandte Chemie - International Edition, 2020, 59, 18218-18223.	13.8	78
7	The Polarization Effect in Surface Plasmon-Induced Photocatalysis on Au/TiO ₂ Nanoparticles. Angewandte Chemie, 2020, 132, 18375-18380.	2.0	22
8	2D Conjugated Polyelectrolytes Possessing Identical Backbone with Active Layer Polymer as Cathode Interlayer for Organic Solar Cells. Macromolecular Rapid Communications, 2020, 41, 1900624.	3.9	3
9	Gas-solid Flow Behaviors in a Pressurized Multi-stage Circulating Fluidized Bed with Geldart Group B Particles. International Journal of Chemical Reactor Engineering, 2019, 17, .	1.1	0
10	Visible-light-driven coproduction of diesel precursors and hydrogen from lignocellulose-derived methylfurans. Nature Energy, 2019, 4, 575-584.	39.5	268
11	Influence of Pressure on Fundamental Characteristics in Gas Fluidized Beds of Coarse Particle. International Journal of Chemical Reactor Engineering, 2019, 17, .	1.1	0
12	Visualizing the Nano Cocatalyst Aligned Electric Fields on Single Photocatalyst Particles. Nano Letters, 2017, 17, 6735-6741.	9.1	164
13	Cross-Mapping of Protein-Ligand Binding Data Between ChEMBL and PDBbind. Molecular Informatics, 2015, 34, 568-576.	2.5	9
14	PDB-wide collection of binding data: current status of the PDBbind database. Bioinformatics, 2015, 31, 405-412.	4.1	375