

Wei Che

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10553388/publications.pdf>

Version: 2024-02-01

10
papers

1,984
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

3266
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice-strained metal-organic-framework arrays for bifunctional oxygen electrocatalysis. <i>Nature Energy</i> , 2019, 4, 115-122.	39.5	680
2	Fast Photoelectron Transfer in (C _{ring})-C ₃ N ₄ Plane Heterostructural Nanosheets for Overall Water Splitting. <i>Journal of the American Chemical Society</i> , 2017, 139, 3021-3026.	13.7	640
3	Single-Site Active Cobalt-Based Photocatalyst with a Long Carrier Lifetime for Spontaneous Overall Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9312-9317.	13.8	393
4	Strongly electrophilic heteroatoms confined in atomic CoOOH nanosheets realizing efficient electrocatalytic water oxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3202-3210.	10.3	63
5	Synergetic enhancement of plasmonic hot-electron injection in Au cluster-nanoparticle/C ₃ N ₄ for photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19649-19655.	10.3	61
6	Valence Band Engineering via Pt ^{II} Single-Atom Confinement Realizing Photocatalytic Water Splitting. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21108-21114.	3.1	51
7	Operando Insight into the Oxygen Evolution Kinetics on the Metal-Free Carbon-Based Electrocatalyst in an Acidic Solution. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34854-34861.	8.0	37
8	In Situ Construction of Flexible V ₂ Ni Redox Centers over Ni-Based MOF Nanosheet Arrays for Electrochemical Water Oxidation. <i>Small Methods</i> , 2021, 5, e2100573.	8.6	28
9	An on-demand solar hydrogen-evolution system for unassisted high-efficiency pure-water splitting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17315-17323.	10.3	17
10	Strategies for boosting the activity of single-atom catalysts for future energy applications. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10297-10325.	10.3	14