

Chao Feng

List of Publications by Year in descending order

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14
papers

1,079
citations

1307594

7
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1337
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic Approach toward Erbium-Passivated Triple-Anion Organic-Free Perovskite Solar Cells with Excellent Performance for Agrivoltaics Application. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 6894-6905.	8.0	8
2	Interface engineering of Ta ₃ N ₅ thin film photoanode for highly efficient photoelectrochemical water splitting. <i>Nature Communications</i> , 2022, 13, 729.	12.8	99
3	Reaction Selectivity in Cometathesis: Yttrium Manganese Oxides. <i>Chemistry of Materials</i> , 2022, 34, 4694-4702.	6.7	4
4	Direct synthesis of BaTaO ₂ N nanoparticle film on a conductive substrate for photoelectrochemical water splitting. <i>Journal of Catalysis</i> , 2022, 411, 109-115.	6.2	5
5	Van der Waals Epitaxial Growth for High Performance Organic-Free Perovskite Solar Cell: Experimental and Theoretical Insights. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	4
6	Tailoring the Crystallographic Orientation of a Sb ₂ S ₃ Thin Film for Efficient Photoelectrochemical Water Reduction. <i>ACS Catalysis</i> , 2022, 12, 8175-8184.	11.2	20
7	A Biaxial Strain Sensor Using a Single MoS ₂ Grating. <i>Nanoscale Research Letters</i> , 2021, 16, 31.	5.7	2
8	A self-healing catalyst for electrocatalytic and photoelectrochemical oxygen evolution in highly alkaline conditions. <i>Nature Communications</i> , 2021, 12, 5980.	12.8	88
9	All-Inorganic Perovskite Solar Cells: Energetics, Key Challenges, and Strategies toward Commercialization. <i>ACS Energy Letters</i> , 2020, 5, 290-320.	17.4	183
10	Band structure engineering and defect control of Ta ₃ N ₅ for efficient photoelectrochemical water oxidation. <i>Nature Catalysis</i> , 2020, 3, 932-940.	34.4	211
11	Identifying Performance-Limiting Deep Traps in Ta ₃ N ₅ for Solar Water Splitting. <i>ACS Catalysis</i> , 2020, 10, 10316-10324.	11.2	68
12	Fe-Based Electrocatalysts for Oxygen Evolution Reaction: Progress and Perspectives. <i>ACS Catalysis</i> , 2020, 10, 4019-4047.	11.2	379
13	Nitrogen-doped thermally reduced graphene oxide quantum dots@MnO composite toward enhanced-performance Li-ion battery. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	1
14	Enhanced p-type behavior in the hybrid structure of graphene quantum dots/2D-WSe ₂ . <i>Applied Physics Letters</i> , 2017, 111, .	3.3	7