Peilei He

List of Publications by Year in descending order

21 papers	2,965 citations	516710 16 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	5176 citing authors

#	Article	IF	Citations
1	Carbonâ€Incorporated Nickelâ€“Cobalt Mixed Metal Phosphide Nanoboxes with Enhanced Electrocatalytic Activity for Oxygen Evolution. Angewandte Chemie - International Edition, 2017, 56, 3897-3900.	13.8	725
2	2D Covalent Organic Frameworks as Intrinsic Photocatalysts for Visible Light-Driven CO₂ Reduction. Journal of the American Chemical Society, 2018, 140, 14614-14618.	13.7	461
3	3D Selfâ€Supported Feâ€Doped Ni₂P Nanosheet Arrays as Bifunctional Catalysts for Overall Water Splitting. Advanced Functional Materials, 2017, 27, 1702513.	14.9	454
4	Ultrathin Ptâ€“Cu Nanosheets and Nanocones. Journal of the American Chemical Society, 2013, 135, 18304-18307.	13.7	305
5	A 1D/2D Helical CdS/ZnIn₂S₄ Nanoâ€Heterostructure. Angewandte Chemie - International Edition, 2014, 53, 2339-2343.	13.8	232
6	Hierarchical Nanotubes Constructed by Carbonâ€Coated Ultrathin SnS Nanosheets for Fast Capacitive Sodium Storage. Angewandte Chemie - International Edition, 2017, 56, 12202-12205.	13.8	188
7	Carbonâ€Incorporated Nickelâ€“Cobalt Mixed Metal Phosphide Nanoboxes with Enhanced Electrocatalytic Activity for Oxygen Evolution. Angewandte Chemie, 2017, 129, 3955-3958.	2.0	177
8	Surfactant encapsulated palladium-polyoxometalates: controlled assembly and their application as single-atom catalysts. Chemical Science, 2016, 7, 1011-1015.	7.4	84
9	Single moleculeâ€“mediated assembly of polyoxometalate single-cluster rings and their three-dimensional superstructures. Science Advances, 2019, 5, eaax1081.	10.3	61
10	Hierarchical Nanotubes Constructed by Carbonâ€Coated Ultrathin SnS Nanosheets for Fast Capacitive Sodium Storage. Angewandte Chemie, 2017, 129, 12370-12373.	2.0	47
11	Polyoxometalate-based Supramolecular Gel. Scientific Reports, 2013, 3, 1833.	3.3	40
12	A Monolayer Polyoxometalate Superlattice. Advanced Materials, 2014, 26, 4339-4344.	21.0	36
13	Sub-1 nm Nickel Molybdate Nanowires as Building Blocks of Flexible Paper and Electrochemical Catalyst for Water Oxidation. Small, 2016, 12, 1006-1012.	10.0	30
14	Synthesis of ZIF-67 nanocubes with complex structures co-mediated by dopamine and polyoxometalate. Journal of Materials Chemistry A, 2018, 6, 19338-19341.	10.3	26
15	Nanocrystals of Uranium Oxide: Controlled Synthesis and Enhanced Electrochemical Performance of Hydrogen Evolution by Ce Doping. Small, 2015, 11, 2624-2630.	10.0	20
16	Understanding the â€œTailoring Synthesisâ€•of CdS Nanorods by O₂. Inorganic Chemistry, 2012, 51, 1302-1308.	4.0	16
17	Constructing of highly porous thermoelectric structures with improved thermoelectric performance. Nano Research, 2021, 14, 3608-3615.	10.4	16
18	Zinc Sulfide Nanosheetâ€Based Hybrid Superlattices with Tunable Architectures Showing Enhanced Photoelectrochemical Properties. Small, 2015, 11, 3909-3915.	10.0	11

#	Article	IF	Citations
19	Selective Excited-State Dynamics in a Unique Set of Rationally Designed Ni Porphyrins. Journal of Physical Chemistry C, 2019, 123, 17994-18000.	3.1	8
20	Promoting the catalytic efficiency of a catalyst by a solvothermal method. RSC Advances, 2013, 3, 5819.	3.6	5
21	Generalized Synthesis of Hierarchical Transition Metal Dichalcogenide Nanosheets from Polyoxometalates. ChemNanoMat, 2016, 2, 665-670.	2.8	2