

Qiaoli Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

2,643
citations

18
h-index

31
g-index

31
ext. papers

3,327
ext. citations

13.2
avg, IF

5.24
L-index

#	Paper	IF	Citations
28	Pt Particle Size Affects Both the Charge Separation and Water Reduction Efficiencies of CdS-Pt Nanorod Photocatalysts for Light Driven H ₂ Generation.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	15
27	Short-Range Ordered Iridium Single Atoms Integrated into Cobalt Oxide Spinel Structure for Highly Efficient Electrocatalytic Water Oxidation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5201-5211	16.4	98
26	Molecular Scalpel to Chemically Cleave Metal-Organic Frameworks for Induced Phase Transition. <i>Journal of the American Chemical Society</i> , 2021 , 143, 6681-6690	16.4	26
25	NIR-II Upconversion Photoluminescence of Er Doped LiYF ₄ and NaY(Gd)F ₄ Core-Shell Nanoparticles. <i>Frontiers in Chemistry</i> , 2021 , 9, 690833	5	2
24	Tailoring the Chemical Potential of Crystal Growth Units to Tune the Bulk Structure of Nanocrystals.. <i>Small Methods</i> , 2021 , 5, e2000447	12.8	2
23	Concave nano-octahedral alloys: wet chemical synthesis of bimetallic Pt-Pd nanocrystals with high-index {111} Facets. <i>Dalton Transactions</i> , 2021 , 50, 12083-12087	4.3	1
22	Efficient Hot Electron Transfer from Small Au Nanoparticles. <i>Nano Letters</i> , 2020 , 20, 4322-4329	11.5	42
21	Optimization of gold-palladium core-shell nanowires towards H ₂ O ₂ reduction by adjusting shell thickness. <i>Nanoscale Advances</i> , 2020 , 2, 785-791	5.1	2
20	Imaging defects and their evolution in a metal-organic framework at sub-unit-cell resolution. <i>Nature Chemistry</i> , 2019 , 11, 622-628	17.6	211
19	Charge-Redistribution-Enhanced Nanocrystalline Ru@IrO _x Electrocatalysts for Oxygen Evolution in Acidic Media. <i>Chem</i> , 2019 , 5, 445-459	16.2	205
18	Atomic-resolution transmission electron microscopy of electron beam-sensitive crystalline materials. <i>Science</i> , 2018 , 359, 675-679	33.3	242
17	Solvent-dependent evolution of cyclic penta-twinned rhodium icosahedral nanocrystals and their enhanced catalytic properties. <i>Nano Research</i> , 2018 , 11, 656-664	10	17
16	Unravelling surface and interfacial structures of a metal-organic framework by transmission electron microscopy. <i>Nature Materials</i> , 2017 , 16, 532-536	27	207
15	Platinum-nickel alloy excavated nano-multipods with hexagonal close-packed structure and superior activity towards hydrogen evolution reaction. <i>Nature Communications</i> , 2017 , 8, 15131	17.4	262
14	Excavated octahedral Pt-Co alloy nanocrystals built with ultrathin nanosheets as superior multifunctional electrocatalysts for energy conversion applications. <i>Nano Energy</i> , 2017 , 39, 582-589	17.1	103
13	High Electrocatalytic Hydrogen Evolution Activity of an Anomalous Ruthenium Catalyst. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16174-16181	16.4	586
12	A facile surfactant-free synthesis of Rh flower-like nanostructures constructed from ultrathin nanosheets and their enhanced catalytic properties. <i>Nano Research</i> , 2016 , 9, 849-856	10	50

11	Nucleation-mediated synthesis and enhanced catalytic properties of Au-Pd bimetallic tripods and bipyramids with twinned structures and high-energy facets. <i>Nanoscale</i> , 2016 , 8, 2819-25	7.7	11
10	Excavated Cubic Platinum-Tin Alloy Nanocrystals Constructed from Ultrathin Nanosheets with Enhanced Electrocatalytic Activity. <i>Angewandte Chemie</i> , 2016 , 128, 9167-9171	3.6	20
9	Excavated Cubic Platinum-Tin Alloy Nanocrystals Constructed from Ultrathin Nanosheets with Enhanced Electrocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9021-5	16.4	100
8	Well-faceted noble-metal nanocrystals with nonconvex polyhedral shapes. <i>Chemical Society Reviews</i> , 2016 , 45, 3207-20	58.5	91
7	Cu ²⁺ underpotential-deposition assisted synthesis of Au and AuPd alloy nanocrystals with systematic shape evolution. <i>CrystEngComm</i> , 2015 , 17, 5556-5561	3.3	12
6	Rational design and synthesis of excavated trioctahedral Au nanocrystals. <i>Nanoscale</i> , 2015 , 7, 10728-34	7.7	13
5	Novel hydrogen storage properties of palladium nanocrystals activated by a pentagonal cyclic twinned structure. <i>Nano Research</i> , 2015 , 8, 2698-2705	10	27
4	Composition-tunable synthesis of PtCu octahedral alloy nanocrystals from PtCu to PtCu ₃ via underpotential-deposition-like process and their electro-catalytic properties. <i>RSC Advances</i> , 2015 , 5, 18153-18158	3.7	27
3	Wet chemical synthesis of intermetallic Pt ₃ Zn nanocrystals via weak reduction reaction together with UPD process and their excellent electrocatalytic performances. <i>Nanoscale</i> , 2014 , 6, 7019-24	7.7	57
2	Unique excavated rhombic dodecahedral PtCu ₃ alloy nanocrystals constructed with ultrathin nanosheets of high-energy {110} facets. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3748-51	16.4	207
1	Synthesis and Visualization of Entangled 3D Covalent Organic Frameworks with High-Valency Stereoscopic Molecular Nodes for Gas Separation. <i>Angewandte Chemie - International Edition</i> ,	16.4	6