

Qiao Qiao

List of Publications by Year in descending order

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38
papers

2,030
citations

489802

18
h-index

445137

33
g-index

39
all docs

39
docs citations

39
times ranked

5532
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle-Attachment-Mediated and Matrix/Lattice-Guided Enamel Apatite Crystal Growth. ACS Nano, 2019, 13, 3151-3161.	7.3	21
2	Designing Nanoplatelet Alloy/Nafion Catalytic Interface for Optimization of PEMFCs: Performance, Durability, and CO Resistance. ACS Catalysis, 2019, 9, 1446-1456.	5.5	29
3	Evolution of Metastable Defects and Its Effect on the Electronic Properties of MoS ₂ Films. Scientific Reports, 2018, 8, 6724.	1.6	40
4	Observation of Anisotropic Charge Density Wave in Layered 1T-TiSe ₂ . Microscopy and Microanalysis, 2018, 24, 230-231.	0.2	0
5	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. Angewandte Chemie, 2018, 130, 12540-12544.	1.6	14
6	Innenrücktitelbild: Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering (Angew. Chem. 38/2018). Angewandte Chemie, 2018, 130, 12765-12765.	1.6	0
7	Colloidal Binary Supracrystals with Tunable Structural Lattices. Journal of the American Chemical Society, 2018, 140, 9095-9098.	6.6	53
8	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. Angewandte Chemie - International Edition, 2018, 57, 12360-12364.	7.2	160
9	Factors limiting ferroelectric field-effect doping in complex oxide heterostructures. Physical Review Materials, 2018, 2, .	0.9	6
10	Constructing oxide interfaces and heterostructures by atomic layer-by-layer laser molecular beam epitaxy. Npj Quantum Materials, 2017, 2, .	1.8	34
11	Atomic Resolution STEM-EELS Studies of Defects and Local Structural Distortions in Oxide Interfaces. Microscopy and Microanalysis, 2017, 23, 372-373.	0.2	0
12	Photothermal Catalyst Engineering: Hydrogenation of Gaseous CO ₂ with High Activity and Tailored Selectivity. Advanced Science, 2017, 4, 1700252.	5.6	97
13	Photothermal Catalysis: Photothermal Catalyst Engineering: Hydrogenation of Gaseous CO ₂ with High Activity and Tailored Selectivity (Adv. Sci. 10/2017). Advanced Science, 2017, 4, .	5.6	2
14	Anisotropic charge density wave in layered $T\text{e}^{\alpha}$. Physical Review Materials, 2017, 1, .	0.9	11
15	All The Catalytic Active Sites of MoS ₂ for Hydrogen Evolution. Journal of the American Chemical Society, 2016, 138, 16632-16638.	6.6	664
16	Carrier dynamics and the role of surface defects: Designing a photocatalyst for gas-phase CO ₂ reduction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8011-E8020.	3.3	89
17	Intercalation of Cobalt into the Interlayer of Birnessite Improves Oxygen Evolution Catalysis. ACS Catalysis, 2016, 6, 7739-7743.	5.5	79
18	Visible and Near-Infrared Photothermal Catalyzed Hydrogenation of Gaseous CO ₂ over Nanostructured Pd@Nb ₂ O ₅ . Advanced Science, 2016, 3, 1600189.	5.6	133

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19	Carbon Dioxide Reduction: Visible and Near-Infrared Photothermal Catalyzed Hydrogenation of Gaseous CO ₂ over Nanostructured Pd@Nb ₂ O ₅ (Adv. Sci. 10/2016). Advanced Science, 2016, 3, .	5.6	1
20	Effect of Precursor Selection on the Photocatalytic Performance of Indium Oxide Nanomaterials for Gas-Phase CO ₂ Reduction. Chemistry of Materials, 2016, 28, 4160-4168.	3.2	52
21	Direct observation of oxygen-vacancy-enhanced polarization in a SrTiO ₃ -buffered ferroelectric BaTiO ₃ film on GaAs. Applied Physics Letters, 2015, 107, .	1.5	23
22	Low-Dimensional Hyperthin FeS ₂ Nanostructures for Efficient and Stable Hydrogen Evolution Electrocatalysis. ACS Catalysis, 2015, 5, 6653-6657.	5.5	145
23	The new JEOL JEM-ARM200CF at the University of Illinois at Chicago. Crystal Research and Technology, 2014, 49, 653-662.	0.6	10
24	Fe ₂ O ₃ /Cu ₂ O heterostructured nanocrystals. Journal of Materials Chemistry A, 2014, 2, 8525-8533.	5.2	19
25	Reversible Modulation of Orbital Occupations via an Interface-Induced Polar State in Metallic Manganites. Nano Letters, 2014, 14, 4965-4970.	4.5	61
26	High-Resolution Electron Microscopy and Spectroscopy of Ferritin in Biocompatible Graphene Liquid Cells and Graphene Sandwiches. Advanced Materials, 2014, 26, 3410-3414.	11.1	148
27	Atomic and Electronic Structure of $\text{Fe}_2\text{O}_3/\text{Cu}_2\text{O}$ Heterostructured Nanocrystals. Microscopy and Microanalysis, 2014, 20, 410-411.	0.2	1
28	High Resolution In-situ Study of Reactions in Graphene Liquid Cells. Microscopy and Microanalysis, 2014, 20, 1520-1521.	0.2	5
29	Evolution of strain in aluminum gallium nitride/gallium nitride high electron mobility transistors under on-state bias. Journal of Applied Physics, 2013, 114, 064507.	1.1	3
30	Epitaxial ferroelectric oxides on semiconductors- A route towards negative capacitance devices. Microelectronic Engineering, 2013, 109, 290-293.	1.1	13
31	Observations of a Higher Spin State and the Increase in the Seebeck Coefficient of Thermoelectric $\text{Ca}_3\text{Co}_4\text{O}_{10}$. Physical Review Letters, 2012, 108, 196601.	2.9	45
32	Examining the structure and bonding in complex oxides using aberration-corrected imaging and spectroscopy. Physical Review B, 2012, 85, .	1.1	17
33	Atomic and electronic structures of SrTiO ₃ /GaAs heterointerfaces: An 80-kV atomic-resolution electron energy-loss spectroscopy study. Physical Review B, 2012, 85, .	1.1	17
34	The new aberration-corrected, cold-field emission JEOL JEM-ARM200CF STEM/TEM at the University of Illinois at Chicago. Microscopy and Microanalysis, 2012, 18, 406-407.	0.2	0
35	Low kV Analysis of the Atomic Structure and Bonding at Complex Oxide - Semiconductor Hetero-interfaces. Microscopy and Microanalysis, 2012, 18, 1626-1627.	0.2	0
36	Effect of substrate on the atomic structure and physical properties of thermoelectric $\text{Ca}_3\text{Co}_4\text{O}_{10}$ thin films. Journal of Physics Condensed Matter, 2011, 23, 305005.	0.7	25

#	ARTICLE	IF	CITATIONS
37	Surface barrier and bulk pinning in MTC YBaCuO. Physica C: Superconductivity and Its Applications, 2006, 445-448, 236-239.	0.6	11
38	Surface barrier and bulk pinning in an SmBa ₂ Cu ₃ O ₇ single crystal. Superconductor Science and Technology, 2006, 19, S443-S446.	1.8	2