

Peiyuan Guan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

569
citations

1039406

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h-index

1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance degradation and mitigation strategies of silver nanowire networks: a review. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2022, 47, 435-459.	6.8	21
2	The critical role of surface area optimization in carbon quantum dots modified g-C ₃ N ₄ for photocatalytic enhancement. <i>Materials Letters</i> , 2022, 309, 131273.	1.3	6
3	Two-Dimensional Nanomaterials for Moisture-Electric Generators: A Review. <i>ACS Applied Nano Materials</i> , 2022, 5, 12224-12244.	2.4	9
4	Oxide-based cathode materials for rechargeable zinc ion batteries: Progresses and challenges. <i>Journal of Energy Chemistry</i> , 2021, 57, 516-542.	7.1	48
5	Hydrothermally activated TiO ₂ nanoparticles with a C-dot/g-C ₃ N ₄ heterostructure for photocatalytic enhancement. <i>Nanoscale Advances</i> , 2021, 3, 4089-4097.	2.2	12
6	Recent progress in artificial synaptic devices: materials, processing and applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8372-8394.	2.7	41
7	Recent progress of surface coating on cathode materials for high-performance lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2020, 43, 220-235.	7.1	272
8	Facile Patterning of Silver Nanowires with Controlled Polarities via Inkjet-Assisted Manipulation of Interface Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34086-34094.	4.0	19
9	Improving thermal and electrical stability of silver nanowire network electrodes through integrating graphene oxide intermediate layers. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 375-382.	5.0	35
10	Recent Progress in Lithium Lanthanum Titanate Electrolyte towards All Solid-State Lithium Ion Secondary Battery. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2019, 44, 265-282.	6.8	69
11	Recent Progress in Silver Nanowires: Synthesis and Applications. <i>Nanoscience and Nanotechnology Letters</i> , 2018, 10, 155-166.	0.4	6
12	Tunable resistance switching in solution processed chromium-doped strontium titanate nanoparticles films. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 178-184.	5.0	16
13	Development of ferroelectric oxides based resistive switching materials. <i>Materials Science and Technology</i> , 2017, 33, 2010-2023.	0.8	5
14	Manipulating resistive states in oxide based resistive memories through defective layers design. <i>RSC Advances</i> , 2017, 7, 56390-56394.	1.7	8
15	Morphology Control and Applications of SrTiO ₃ Based Nanomaterials. <i>Current Physical Chemistry</i> , 2017, 7, .	0.1	0
16	Cationic Interstitials: An Overlooked Ionic Defect in Memristors. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	2