

Peiyuan Guan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8350073/publications.pdf>

Version: 2024-02-01

16
papers

569
citations

1039406

9
h-index

1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

815
citing authors

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