

Chao Yuan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1111839/publications.pdf>

Version: 2024-02-01

19
papers

620
citations

933447

10
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1156
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology- and Porosity-Tunable Synthesis of 3D Nanoporous SiGe Alloy as a High-Performance Lithium-Ion Battery Anode. <i>ACS Nano</i> , 2018, 12, 2900-2908.	14.6	133
2	Nanoporous Red Phosphorus on Reduced Graphene Oxide as Superior Anode for Sodium-Ion Batteries. <i>ACS Nano</i> , 2018, 12, 7380-7387.	14.6	120
3	Facile synthesis of Fe/Ni bimetallic oxide solid-solution nanoparticles with superior electrocatalytic activity for oxygen evolution reaction. <i>Nano Research</i> , 2015, 8, 3815-3822.	10.4	94
4	A novel gelatin-guided mesoporous bowknot-like Co ₃ O ₄ anode material for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5342-5350.	10.3	84
5	Hollow nanoporous red phosphorus as an advanced anode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12992-12998.	10.3	36
6	Comparative Genomic Analysis of <i>Citrobacter</i> and Key Genes Essential for the Pathogenicity of <i>Citrobacter koseri</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2774.	3.5	32
7	Nuclear localization of Newcastle disease virus matrix protein promotes virus replication by affecting viral RNA synthesis and transcription and inhibiting host cell transcription. <i>Veterinary Research</i> , 2019, 50, 22.	3.0	21
8	TMT-based quantitative proteomics analysis reveals the attenuated replication mechanism of Newcastle disease virus caused by nuclear localization signal mutation in viral matrix protein. <i>Virulence</i> , 2020, 11, 607-635.	4.4	18
9	Structure-Controllable Binary Nanoporous Silicon/Antimony Alloy as Anode for High-Performance Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2018, 5, 3809-3816.	3.4	15
10	3D Hollow Porous Spherical Architecture Packed by Iron-Borate Amorphous Nanoparticles as High-Performance Anode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25254-25263.	8.0	11
11	Nanoporous Composites of CoO _x Quantum Dots and ZIF-Derived Carbon as High-Performance Anodes for Lithium-Ion Batteries. <i>ACS Omega</i> , 2020, 5, 21488-21496.	3.5	11
12	The Cyclophilin ROC3 Regulates ABA-Induced Stomatal Closure and the Drought Stress Response of <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 668792.	3.6	11
13	A Nanocomposite of Si@C Nanosphere and Hollow Porous Co ₉ S ₈ /C Polyhedron as High-Performance Anode for Lithium-Ion Battery. <i>ChemElectroChem</i> , 2020, 7, 4423-4430.	3.4	10
14	Effects of Molecular Combination and Side Groups for Thiophene-Benzene-Based Nanodevices. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2766-2774.	3.1	6
15	Comparative transcriptome analysis provides insight into the molecular mechanisms of anther dehiscence in eggplant (<i>Solanum melongena</i> L.). <i>Genomics</i> , 2021, 113, 497-506.	2.9	6
16	Aerobic biodegradability of hydroxypropyl- β -cyclodextrins in soil. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 58, 345-351.	1.6	5
17	Evaluating Network Equipment Information Security Based on D-S Evidence Theory and Principal Components Analysis. , 2017, , .		3
18	Odd-Even Effects on Transport Properties of Polycyclic Arene Molecular Devices with Decreasing Numbers of Benzene Rings. <i>ChemPhysChem</i> , 2020, 21, 568-574.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Determination of optimal composition of Al-Si precursor alloys in dealloying process on melt fragility. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 263, 114838.	3.5	1