

Yuan Yue

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.

27
papers

647
citations

11
h-index

25
g-index

33
ext. papers

801
ext. citations

10.9
avg, IF

4.78
L-index

#	Paper	IF	Citations
27	Fluorination Enhanced Surface Stability of Disordered Rocksalt Cathodes.. <i>Advanced Materials</i> , 2021 , e2106256	24	0
26	Fluorination-Enhanced Surface Stability of Cation-Disordered Rocksalt Cathodes for Li-Ion Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2101888	15.6	11
25	Tailoring the Redox Reactions for High-Capacity Cycling of Cation-Disordered Rocksalt Cathodes. <i>Advanced Functional Materials</i> , 2021 , 31, 2008696	15.6	7
24	Deconvolution of intermixed redox processes in Ni-based cation-disordered Li-excess cathodes. <i>Energy and Environmental Science</i> , 2021 , 14, 1553-1562	35.4	6
23	Formation of LiF Surface Layer During Direct Fluorination of High-Capacity Co-Free Disordered Rocksalt Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 38221-38228	9.5	5
22	Interplay between Cation and Anion Redox in Ni-Based Disordered Rocksalt Cathodes. <i>ACS Nano</i> , 2021 ,	16.7	3
21	Exposure History and its Effect Towards Stabilizing Li Exchange Across Disordered Rock Salt Interfaces. <i>ChemElectroChem</i> , 2021 , 8, 3982	4.3	2
20	Redox Behaviors in a Li-Excess Cation-Disordered MnNi _{1-x} Co _x Rocksalt Cathode. <i>Chemistry of Materials</i> , 2020 , 32, 4490-4498	9.6	17
19	Anion Reactivity in Cation-Disordered Rocksalt Cathode Materials: The Influence of Fluorine Substitution. <i>Advanced Energy Materials</i> , 2020 , 10, 2001500	21.8	17
18	Hierarchical structured nickel-copper hybrids via simple electrodeposition. <i>Journal of Applied Electrochemistry</i> , 2018 , 48, 275-286	2.6	9
17	Superhierarchical Nickel/Vanadia Nanocomposites for Lithium Storage. <i>ACS Applied Energy Materials</i> , 2018 , 1, 2056-2066	6.1	9
16	Measurement of dust sweeping force for cleaning solar panels. <i>Solar Energy Materials and Solar Cells</i> , 2018 , 179, 247-253	6.4	21
15	A theoretical model to determine the capacity performance of shape-specific electrodes. <i>Journal of Power Sources</i> , 2018 , 390, 242-248	8.9	6
14	3D Current Collectors for Lithium-Ion Batteries: A Topical Review. <i>Small Methods</i> , 2018 , 2, 1800056	12.8	67
13	Micro- and Nano-Structured Vanadium Pentoxide (V ₂ O ₅) for Electrodes of Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1602545	21.8	202
12	Molecular weight and uniformity define the mechanical performance of lignin-based carbon fiber. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 12740-12746	13	56
11	Shape-selective catalysis and surface enhanced Raman scattering studies using Ag nanocubes, nanospheres and aggregated anisotropic nanostructures. <i>Journal of Colloid and Interface Science</i> , 2017 , 498, 248-262	9.3	23

10	Electrochemical synthesis and hydrophilicity of micro-pored aluminum foil. <i>Surface and Coatings Technology</i> , 2017 , 309, 523-530	4.4	10
9	Template growth of Au, Ni and Ni/Au nanoclusters on hexagonal boron nitride/Rh(111): a combined STM, TPD and AES study. <i>RSC Advances</i> , 2017 , 7, 44169-44177	3.7	4
8	Super-hierarchical Ni/porous-Ni/V2O5 nanocomposites. <i>RSC Advances</i> , 2017 , 7, 40383-40391	3.7	9
7	Enhancing Thermoelectric Performance of TiNiSn Half-Heusler Compounds via Modulation Doping. <i>Chemistry of Materials</i> , 2017 , 29, 7042-7048	9.6	50
6	Hierarchical Structured Cu/Ni/TiO Nanocomposites as Electrodes for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 28695-28703	9.5	19
5	Observation of two-dimensional yttrium oxide nanoparticles in mealworm beetles (<i>Tenebrio molitor</i>). <i>Journal of Synchrotron Radiation</i> , 2016 , 23, 1197-201	2.4	4
4	Observation of yttrium oxide nanoparticles in cabbage (<i>Brassica oleracea</i>) through dual energy K-edge subtraction imaging. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 23	9.4	12
3	Hierarchical micro-architectures of electrodes for energy storage. <i>Journal of Power Sources</i> , 2015 , 284, 435-445	8.9	65
2	Correlating hydrodynamic radii with that of two-dimensional nanoparticles. <i>Applied Physics Letters</i> , 2015 , 107, 253103	3.4	8
1	High-Voltage Reactivity and Long-Term Stability of Cation-Disordered Rocksalt Cathodes. <i>Chemistry of Materials</i> ,	9.6	2