

# Yuan Yue

## List of Publications by Citations

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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	Micro- and Nano-Structured Vanadium Pentoxide (V <sub>2</sub> O <sub>5</sub> ) for Electrodes of Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1602545	21.8	202
26	3D Current Collectors for Lithium-Ion Batteries: A Topical Review. <i>Small Methods</i> , <b>2018</b> , 2, 1800056	12.8	67
25	Hierarchical micro-architectures of electrodes for energy storage. <i>Journal of Power Sources</i> , <b>2015</b> , 284, 435-445	8.9	65
24	Molecular weight and uniformity define the mechanical performance of lignin-based carbon fiber. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 12740-12746	13	56
23	Enhancing Thermoelectric Performance of TiNiSn Half-Heusler Compounds via Modulation Doping. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 7042-7048	9.6	50
22	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> , <b>2017</b> , 498, 248-262	9.3	23
21	Measurement of dust sweeping force for cleaning solar panels. <i>Solar Energy Materials and Solar Cells</i> , <b>2018</b> , 179, 247-253	6.4	21
20	Hierarchical Structured Cu/Ni/TiO Nanocomposites as Electrodes for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 28695-28703	9.5	19
19	Redox Behaviors in a Li-Excess Cation-Disordered Mn <sub>1-x</sub> Nb <sub>x</sub> O <sub>2</sub> Rocksalt Cathode. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 4490-4498	9.6	17
18	Anion Reactivity in Cation-Disordered Rocksalt Cathode Materials: The Influence of Fluorine Substitution. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2001500	21.8	17
17	Observation of yttrium oxide nanoparticles in cabbage ( <i>Brassica oleracea</i> ) through dual energy K-edge subtraction imaging. <i>Journal of Nanobiotechnology</i> , <b>2016</b> , 14, 23	9.4	12
16	Fluorination-Enhanced Surface Stability of Cation-Disordered Rocksalt Cathodes for Li-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101888	15.6	11
15	Electrochemical synthesis and hydrophilicity of micro-pored aluminum foil. <i>Surface and Coatings Technology</i> , <b>2017</b> , 309, 523-530	4.4	10
14	Hierarchical structured nickel-copper hybrids via simple electrodeposition. <i>Journal of Applied Electrochemistry</i> , <b>2018</b> , 48, 275-286	2.6	9
13	Superhierarchical Nickel-Vanadia Nanocomposites for Lithium Storage. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 2056-2066	6.1	9
12	Super-hierarchical Ni/porous-Ni/V <sub>2</sub> O <sub>5</sub> nanocomposites. <i>RSC Advances</i> , <b>2017</b> , 7, 40383-40391	3.7	9
11	Correlating hydrodynamic radii with that of two-dimensional nanoparticles. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 253103	3.4	8

10	Tailoring the Redox Reactions for High-Capacity Cycling of Cation-Disordered Rocksalt Cathodes. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2008696	15.6	7
9	A theoretical model to determine the capacity performance of shape-specific electrodes. <i>Journal of Power Sources</i> , <b>2018</b> , 390, 242-248	8.9	6
8	Deconvolution of intermixed redox processes in Ni-based cation-disordered Li-excess cathodes. <i>Energy and Environmental Science</i> , <b>2021</b> , 14, 1553-1562	35.4	6
7	Formation of LiF Surface Layer During Direct Fluorination of High-Capacity Co-Free Disordered Rocksalt Cathodes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 38221-38228	9.5	5
6	Template growth of Au, Ni and NiAu nanoclusters on hexagonal boron nitride/Rh(111): a combined STM, TPD and AES study. <i>RSC Advances</i> , <b>2017</b> , 7, 44169-44177	3.7	4
5	Observation of two-dimensional yttrium oxide nanoparticles in mealworm beetles ( <i>Tenebrio molitor</i> ). <i>Journal of Synchrotron Radiation</i> , <b>2016</b> , 23, 1197-201	2.4	4
4	Interplay between Cation and Anion Redox in Ni-Based Disordered Rocksalt Cathodes. <i>ACS Nano</i> , <b>2021</b> ,	16.7	3
3	High-Voltage Reactivity and Long-Term Stability of Cation-Disordered Rocksalt Cathodes. <i>Chemistry of Materials</i> ,	9.6	2
2	Exposure History and its Effect Towards Stabilizing Li Exchange Across Disordered Rock Salt Interfaces. <i>ChemElectroChem</i> , <b>2021</b> , 8, 3982	4.3	2
1	Fluorination Enhanced Surface Stability of Disordered Rocksalt Cathodes.. <i>Advanced Materials</i> , <b>2021</b> , e2106256	24	0