

Daiwei Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7769292/publications.pdf>

Version: 2024-02-01

10
papers

2,730
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

3980
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbothermal shock synthesis of high-entropy-alloy nanoparticles. <i>Science</i> , 2018, 359, 1489-1494.	12.6	1,065
2	Intercalation-conversion hybrid cathodes enabling Li-S full-cell architectures with jointly superior gravimetric and volumetric energy densities. <i>Nature Energy</i> , 2019, 4, 374-382.	39.5	449
3	Li metal deposition and stripping in a solid-state battery via Coble creep. <i>Nature</i> , 2020, 578, 251-255.	27.8	333
4	Ultra-high-voltage Ni-rich layered cathodes in practical Li metal batteries enabled by a sulfonamide-based electrolyte. <i>Nature Energy</i> , 2021, 6, 495-505.	39.5	323
5	Gradient Li-rich oxide cathode particles immunized against oxygen release by a molten salt treatment. <i>Nature Energy</i> , 2019, 4, 1049-1058.	39.5	248
6	Gradient-morph LiCoO_2 single crystals with stabilized energy density above 3400 W h L^{-1} . <i>Energy and Environmental Science</i> , 2020, 13, 1865-1878.	30.8	118
7	Facile synthesis of silk-cocoon S-rich cobalt polysulfide as an efficient catalyst for the hydrogen evolution reaction. <i>Energy and Environmental Science</i> , 2018, 11, 2467-2475.	30.8	91
8	Manipulating Sulfur Mobility Enables Advanced Li-S Batteries. <i>Matter</i> , 2019, 1, 1047-1060.	10.0	63
9	Fast Heat Transport Inside Lithium-Sulfur Batteries Promotes Their Safety and Electrochemical Performance. <i>IScience</i> , 2020, 23, 101576.	4.1	28
10	Kinetic Rejuvenation of Li-Rich Li-Ion Battery Cathodes upon Oxygen Redox. <i>ACS Applied Energy Materials</i> , 2020, 3, 7931-7943.	5.1	12