Dong-Joo Yoo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/314210/publications.pdf

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20	1,331	471509 17	752698 20
papers	citations	h-index	g-index

21	21	21	1787
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rechargeable aluminium organic batteries. Nature Energy, 2019, 4, 51-59.	39.5	283
2	Flexible Few-Layered Graphene for the Ultrafast Rechargeable Aluminum-Ion Battery. Journal of Physical Chemistry C, 2016, 120, 13384-13389.	3.1	164
3	The Synergistic Effect of Cation and Anion of an Ionic Liquid Additive for Lithium Metal Anodes. Advanced Energy Materials, 2018, 8, 1702744.	19.5	137
4	Fluorinated Aromatic Diluent for Highâ€Performance Lithium Metal Batteries. Angewandte Chemie - International Edition, 2020, 59, 14869-14876.	13.8	130
5	Tetradiketone macrocycle for divalent aluminium ion batteries. Nature Communications, 2021, 12, 2386.	12.8	84
6	A Half Millimeter Thick Coplanar Flexible Battery with Wireless Recharging Capability. Nano Letters, 2015, 15, 2350-2357.	9.1	78
7	Highly Elastic Polyrotaxane Binders for Mechanically Stable Lithium Hosts in Lithiumâ€Metal Batteries. Advanced Materials, 2019, 31, e1901645.	21.0	68
8	Switching between Local and Global Aromaticity in a Conjugated Macrocycle for Highâ€Performance Organic Sodiumâ€Ion Battery Anodes. Angewandte Chemie - International Edition, 2020, 59, 12958-12964.	13.8	52
9	Tuning the Electron Density of Aromatic Solvent for Stable Solidâ€Electrolyteâ€Interphase Layer in Carbonateâ€Based Lithium Metal Batteries. Advanced Energy Materials, 2018, 8, 1802365.	19.5	48
10	Marginal Magnesium Doping for Highâ€Performance Lithium Metal Batteries. Advanced Energy Materials, 2019, 9, 1902278.	19.5	47
11	Poreless Separator and Electrolyte Additive for Lithiumâ€“Sulfur Batteries with High Areal Energy Densities. ChemNanoMat, 2015, 1, 240-245.	2.8	45
12	Understanding the Role of SEI Layer in Low-Temperature Performance of Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 11910-11918.	8.0	29
13	Cobalt(II)â€Centered Fluorinated Phthalocyanineâ€Sulfur S_NAr Chemistry for Robust Lithiumâ€“Sulfur Batteries with Superior Conversion Kinetics. Advanced Functional Materials, 2021, 31, 2106679.	14.9	28
14	Elucidating the Extraordinary Rate and Cycling Performance of Phenanthrenequinone in Aluminum-Complex-Ion Batteries. Journal of Physical Chemistry Letters, 2020, 11, 2384-2392.	4.6	25
15	High transference number enabled by sulfated zirconia superacid for lithium metal batteries with carbonate electrolytes. Energy and Environmental Science, 2021, 14, 1420-1428.	30.8	23
16	Critical role of elemental copper for enhancing conversion kinetics of sulphur cathodes in rechargeable magnesium batteries. Applied Surface Science, 2019, 484, 933-940.	6.1	22
17	Stable Performance of Aluminumâ€Metal Battery by Incorporating Lithiumâ€Ion Chemistry. ChemElectroChem, 2017, 4, 2345-2351.	3.4	20
18	Enabling Silicon Anodes with Novel Isosorbide-Based Electrolytes. ACS Energy Letters, 2022, 7, 897-905.	17.4	20

#	Article	IF	Citations
19	Fluorinated Aromatic Diluent for Highâ€Performance Lithium Metal Batteries. Angewandte Chemie, 2020, 132, 14979-14986.	2.0	16
20	Switching between Local and Global Aromaticity in a Conjugated Macrocycle for Highâ€Performance Organic Sodiumâ€Ion Battery Anodes. Angewandte Chemie, 2020, 132, 13058-13064.	2.0	12