

Nico Eidson

List of Publications by Year in descending order

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12
papers

1,930
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

2516
citing authors

#	ARTICLE	IF	CITATIONS
1	An Inorganic-Rich Solid Electrolyte Interphase for Advanced Lithium-Metal Batteries in Carbonate Electrolytes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3661-3671.	13.8	317
2	An Inorganic-Rich Solid Electrolyte Interphase for Advanced Lithium-Metal Batteries in Carbonate Electrolytes. <i>Angewandte Chemie</i> , 2021, 133, 3705-3715.	2.0	29
3	Water-in-salt polymer electrolyte for Li-ion batteries. <i>Energy and Environmental Science</i> , 2020, 13, 2878-2887.	30.8	74
4	Enabling safe aqueous lithium ion open batteries by suppressing oxygen reduction reaction. <i>Nature Communications</i> , 2020, 11, 2638.	12.8	71
5	Gel electrolyte for a 4V flexible aqueous lithium-ion battery. <i>Journal of Power Sources</i> , 2020, 469, 228378.	7.8	20
6	A Highly Reversible, Dendrite-Free Lithium Metal Anode Enabled by a Lithium-Fluoride-Enriched Interphase. <i>Advanced Materials</i> , 2020, 32, e1906427.	21.0	168
7	Azo Compounds Derived from Electrochemical Reduction of Nitro Compounds for High Performance Li-ion Batteries. <i>Advanced Materials</i> , 2018, 30, e1706498.	21.0	134
8	Existence of Solid Electrolyte Interphase in Mg Batteries: Mg/S Chemistry as an Example. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14767-14776.	8.0	99
9	Self-Templated Formation of P2-type $K_{0.6}CoO_2$ Microspheres for High Reversible Potassium-Ion Batteries. <i>Nano Letters</i> , 2018, 18, 1522-1529.	9.1	167
10	Hybrid Aqueous/Non-aqueous Electrolyte for Safe and High-Energy Li-Ion Batteries. <i>Joule</i> , 2018, 2, 927-937.	24.0	303
11	Reducing Mg Anode Overpotential via Ion Conductive Surface Layer Formation by Iodine Additive. <i>Advanced Energy Materials</i> , 2018, 8, 1701728.	19.5	107
12	4.0V Aqueous Li-Ion Batteries. <i>Joule</i> , 2017, 1, 122-132.	24.0	441