

Nico Eidson

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 4.0V Aqueous Li-Ion Batteries. <i>Joule</i> , 2017, 1, 122-132. | 24.0 | 441 |
| 2 | 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 |
| 3 | Hybrid Aqueous/Non-aqueous Electrolyte for Safe and High-Energy Li-Ion Batteries. <i>Joule</i> , 2018, 2, 927-937. | 24.0 | 303 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Reducing Mg Anode Overpotential via Ion Conductive Surface Layer Formation by Iodine Additive. <i>Advanced Energy Materials</i> , 2018, 8, 1701728. | 19.5 | 107 |
| 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 | Water-in-salt polymer electrolyte for Li-ion batteries. <i>Energy and Environmental Science</i> , 2020, 13, 2878-2887. | 30.8 | 74 |
| 10 | Enabling safe aqueous lithium ion open batteries by suppressing oxygen reduction reaction. <i>Nature Communications</i> , 2020, 11, 2638. | 12.8 | 71 |
| 11 | 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 |
| 12 | Gel electrolyte for a 4V flexible aqueous lithium-ion battery. <i>Journal of Power Sources</i> , 2020, 469, 228378. | 7.8 | 20 |