

Xing Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8636910/publications.pdf>

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13
papers

1,106
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	Building aqueous K-ion batteries for energy storage. <i>Nature Energy</i> , 2019, 4, 495-503.	39.5	630
2	A Novel NASICON-typed $\text{Na}_{0.5}\text{VMn}_{0.5}\text{Fe}_{0.5}(\text{PO}_4)_3$ Cathode for High-Performance Na-ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2100729.	19.5	108
3	Rapid mechanochemical synthesis of polyanionic cathode with improved electrochemical performance for Na-ion batteries. <i>Nature Communications</i> , 2021, 12, 2848.	12.8	108
4	Selective recovery of Li and FePO_4 from spent LiFePO_4 cathode scraps by organic acids and the properties of the regenerated LiFePO_4 . <i>Waste Management</i> , 2020, 113, 32-40.	7.4	98
5	Solvent-free mechanochemical synthesis of Na-rich Prussian white cathodes for high-performance Na-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 428, 131083.	12.7	33
6	Controlled Synthesis of $\text{Na}_3(\text{VOPO}_4)_2\text{F}$ Cathodes with an Ultralong Cycling Performance. <i>ACS Applied Energy Materials</i> , 2019, 2, 7474-7482.	5.1	31
7	$\text{O}_3\text{-NaFe}_{1/3}\text{Ni}_{1/3}\text{Mn}_{1/3}\text{Al}_x\text{O}_2$ Cathodes with Improved Air Stability for Na-ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33015-33023.	8.0	31
8	Recycling Cathodes from Spent Lithium-Ion Batteries Based on the Selective Extraction of Lithium. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10196-10204.	6.7	23
9	Large Scale One-Pot Synthesis of Monodispersed $\text{Na}_3(\text{VOPO}_4)_2\text{F}$ Cathode for Na-ion Batteries. <i>Energy Material Advances</i> , 2022, 2022, .	11.0	16
10	Regulated Synthesis of NaVOPO_4 with an Enhanced Conductive Network as a High-Performance Cathode for Aqueous Na-ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 6841-6851.	8.0	12
11	Stable Discrete $\text{Pt}_1(0)$ in Crown Ether with Ultra-High Hydrosilylation Activity. <i>ChemCatChem</i> , 2020, 12, 267-272.	3.7	8
12	One-Step Synthesis of Carbon-Coated $\text{Na}_3(\text{VOPO}_4)_2\text{F}$ Using Biomass as a Reducing Agent and Their Electrochemical Properties. <i>Waste and Biomass Valorization</i> , 2020, 11, 2201-2209.	3.4	7
13	Rapid and solvent-free mechanochemical synthesis of Na iron hexacyanoferrate for high-performance Na-ion batteries. <i>Materials Today Energy</i> , 2022, 27, 101027.	4.7	1