

Shengda D Pu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9291039/publications.pdf>

Version: 2024-02-01

8
papers

451
citations

1683934

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1719901

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8
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8
docs citations

8
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing plating-induced cracking in lithium-anode solid-electrolyte cells. <i>Nature Materials</i> , 2021, 20, 1121-1129.	13.3	221
2	Achieving Ultrahigh-Rate Planar and Dendrite-Free Zinc Electroplating for Aqueous Zinc Battery Anodes. <i>Advanced Materials</i> , 2022, 34, e2202552.	11.1	88
3	Revealing the Role of Fluoride-Rich Battery Electrode Interphases by Operando Transmission Electron Microscopy. <i>Advanced Energy Materials</i> , 2021, 11, 2003118.	10.2	54
4	Current-Density-Dependent Electroplating in Ca Electrolytes: From Globules to Dendrites. <i>ACS Energy Letters</i> , 2020, 5, 2283-2290.	8.8	44
5	Quantification of hydrogen trapping in multiphase steels: Part II – Effect of austenite morphology. <i>Acta Materialia</i> , 2020, 197, 253-268.	3.8	37
6	Interfaces between Ceramic and Polymer Electrolytes: A Comparison of Oxide and Sulfide Solid Electrolytes for Hybrid Solid-State Batteries. <i>Inorganics</i> , 2022, 10, 60.	1.2	4
7	A prognostic dynamic model applicable to infectious diseases providing easily visualized guides: a case study of COVID-19 in the UK. <i>Scientific Reports</i> , 2021, 11, 8412.	1.6	2
8	High critical currents for dendrite penetration and voiding in potassium metal anode solid-state batteries. <i>Journal of Solid State Electrochemistry</i> , 0, , .	1.2	1