

Roman Zettl

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

119
citations

1478505

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1720034

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docs citations

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times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Effects of Anion Substitution and Nanoconfinement on the Ionic Conductivity of Li-Based Complex Hydrides. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2806-2816.	3.1	32
2	Li-Ion Diffusion in Nanoconfined $\text{LiBH}_4\text{-LiI/Al}_2\text{O}_3$: From 2D Bulk Transport to 3D Long-Range Interfacial Dynamics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38570-38583.	8.0	26
3	High Li^+ and Na^+ Conductivity in New Hybrid Solid Electrolytes based on the Porous MIL-121 Metal Organic Framework. <i>Advanced Energy Materials</i> , 2021, 11, 2003542.	19.5	24
4	New Solar Cell-Battery Hybrid Energy System: Integrating Organic Photovoltaics with Li-Ion and Na-Ion Technologies. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 19155-19168.	6.7	14
5	Conductor-Insulator Interfaces in Solid Electrolytes: A Design Strategy to Enhance Li-Ion Dynamics in Nanoconfined $\text{LiBH}_4\text{/Al}_2\text{O}_3$. <i>Journal of Physical Chemistry C</i> , 2021, 125, 15052-15060.	3.1	14
6	Redox processes in sodium vanadium phosphate cathodes – insights from <i>operando</i> magnetometry. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20151-20155.	2.8	8
7	Hybrid Solid Electrolytes: High Li^+ and Na^+ Conductivity in New Hybrid Solid Electrolytes based on the Porous MIL-121 Metal Organic Framework (<i>Adv. Energy Mater.</i> 16/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170060.	19.5	1