Grayson Deysher

List of Publications by Year
in descending order

11 papers	1,498 citations	1040056 9 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	1508 citing authors

#	Article	IF	Citations
1	Investigating dry room compatibility of sulfide solid-state electrolytes for scalable manufacturing. Journal of Materials Chemistry A, 2022, 10, 7155-7164.	10.3	41
2	Transport and mechanical aspects of all-solid-state lithium batteries. Materials Today Physics, 2022, 24, 100679.	6.0	16
3	Enabling a Co-Free, High-Voltage LiNi_{0.5}Mn_{1.5}O₄ Cathode in All-Solid-State Batteries with a Halide Electrolyte. ACS Energy Letters, 2022, 7, 2531-2539.	17.4	33
4	New insights into Li distribution in the superionic argyrodite Li₆PS₅Cl. Chemical Communications, 2021, 57, 10787-10790.	4.1	11
5	A stable cathode-solid electrolyte composite for high-voltage, long-cycle-life solid-state sodium-ion batteries. Nature Communications, 2021, 12, 1256.	12.8	110
6	Carbon-free high-loading silicon anodes enabled by sulfide solid electrolytes. Science, 2021, 373, 1494-1499.	12.6	393
7	Synthesis of Mo₄VAlC₄ MAX Phase and Two-Dimensional Mo₄VC₄ MXene with Five Atomic Layers of Transition Metals. ACS Nano, 2020, 14, 204-217.	14.6	429
8	Synthesis and electrochemical properties of 2D molybdenum vanadium carbides â€“ solid solution MXenes. Journal of Materials Chemistry A, 2020, 8, 8957-8968.	10.3	90
9	A Facile, Dry-Processed Lithium Borate-Based Cathode Coating for Improved All-Solid-State Battery Performance. Journal of the Electrochemical Society, 2020, 167, 130516.	2.9	26
10	High-Temperature Behavior and Surface Chemistry of Carbide MXenes Studied by Thermal Analysis. Chemistry of Materials, 2019, 31, 3324-3332.	6.7	296
11	Fabrication of High-Quality Thin Solid-State Electrolyte Films Assisted by Machine Learning. ACS Energy Letters, 0, , 1639-1648.	17.4	53