

# Grayson Deysher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7411854/publications.pdf>

Version: 2024-02-01

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	Synthesis of Mo <sub>4</sub> VAIC <sub>4</sub> MAX Phase and Two-Dimensional Mo <sub>4</sub> VC <sub>4</sub> MXene with Five Atomic Layers of Transition Metals. ACS Nano, 2020, 14, 204-217.	14.6	429
2	Carbon-free high-loading silicon anodes enabled by sulfide solid electrolytes. Science, 2021, 373, 1494-1499.	12.6	393
3	High-Temperature Behavior and Surface Chemistry of Carbide MXenes Studied by Thermal Analysis. Chemistry of Materials, 2019, 31, 3324-3332.	6.7	296
4	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
5	Synthesis and electrochemical properties of 2D molybdenum vanadium carbides “solid solution MXenes. Journal of Materials Chemistry A, 2020, 8, 8957-8968.	10.3	90
6	Fabrication of High-Quality Thin Solid-State Electrolyte Films Assisted by Machine Learning. ACS Energy Letters, 0, , 1639-1648.	17.4	53
7	Investigating dry room compatibility of sulfide solid-state electrolytes for scalable manufacturing. Journal of Materials Chemistry A, 2022, 10, 7155-7164.	10.3	41
8	Enabling a Co-Free, High-Voltage LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> Cathode in All-Solid-State Batteries with a Halide Electrolyte. ACS Energy Letters, 2022, 7, 2531-2539.	17.4	33
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	Transport and mechanical aspects of all-solid-state lithium batteries. Materials Today Physics, 2022, 24, 100679.	6.0	16
11	New insights into Li distribution in the superionic argyrodite Li <sub>6</sub> PS <sub>5</sub> Cl. Chemical Communications, 2021, 57, 10787-10790.	4.1	11