

Evan R Antoniuk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4441649/publications.pdf>

Version: 2024-02-01

12
papers

357
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning-Assisted Discovery of Solid Li-Ion Conducting Materials. Chemistry of Materials, 2019, 31, 342-352.	6.7	196
2	Catalytic hydrogenation of functionalized amides under basic and neutral conditions. Catalysis Science and Technology, 2015, 5, 1181-1186.	4.1	41
3	Revealing the Spectrum of Unknown Layered Materials with Superhuman Predictive Abilities. Journal of Physical Chemistry Letters, 2018, 9, 6967-6972.	4.6	25
4	Combining Superionic Conduction and Favorable Decomposition Products in the Crystalline Lithium-Boron-Sulfur System: A New Mechanism for Stabilizing Solid Li-Ion Electrolytes. ACS Applied Materials & Interfaces, 2020, 12, 37957-37966.	8.0	24
5	Frustrated Lewis Pair Chelation as a Vehicle for Low-Temperature Semiconductor Element and Polymer Deposition. Angewandte Chemie - International Edition, 2021, 60, 228-231.	13.8	21
6	Spectrum of Exfoliable 1D van der Waals Molecular Wires and Their Electronic Properties. ACS Nano, 2021, 15, 9851-9859.	14.6	16
7	Generalizable density functional theory based photoemission model for the accelerated development of photocathodes and other photoemissive devices. Physical Review B, 2020, 101, .	3.2	11
8	Frustrated Lewis Pair Chelation as a Vehicle for Low-Temperature Semiconductor Element and Polymer Deposition. Angewandte Chemie, 2021, 133, 230-233.	2.0	10
9	Novel Ultrabright and Air-Stable Photocathodes Discovered from Machine Learning and Density Functional Theory Driven Screening. Advanced Materials, 2021, 33, e2104081.	21.0	7
10	New Assembly-Free Bulk Layered Inorganic Vertical Heterostructures with Infrared and Optical Bandgaps. Nano Letters, 2019, 19, 142-149.	9.1	3
11	A New Solid Li-ion Electrolyte from the Crystalline Lithium-Boron-Sulfur System. SSRN Electronic Journal, 0, , .	0.4	3
12	Novel Ultrabright and Air-Stable Photocathodes Discovered from Machine Learning and Density Functional Theory Driven Screening (Adv. Mater. 44/2021). Advanced Materials, 2021, 33, 2170348.	21.0	0