

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