

Shane Patel

List of Publications by Year in descending order

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8
papers

886
citations

1684188
5
h-index

1720034
7
g-index

8
all docs

8
docs citations

8
times ranked

1824
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the Tauc method for optical absorption edge determination: ZnO thin films as a model system. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 1700-1710.	1.5	795
2	High-Throughput Study of Lattice Thermal Conductivity in Binary Rocksalt and Zinc Blende Compounds Including Higher-Order Anharmonicity. <i>Physical Review X</i> , 2020, 10, .	8.9	55
3	Layered and Cubic Semiconductors GaM_2Q_4 ($A = \text{K, Rb, Cs, Tl}$; $M = \text{Ga, In}$; $\text{Q} = \text{S, Se, Te}$) Tj ETQq1 1 0.784314 r	13.7	21
4	Tailoring Interfaces in Solid-State Batteries Using Interfacial Thermochemistry and Band Alignment. <i>Chemistry of Materials</i> , 2021, 33, 8447-8459.	6.7	7
5	Vast Structural and Polymorphic Varieties of Semiconductors AMM_2Q_4 ($A = \text{K, Rb, Cs, Tl}$; $M = \text{Ga, In}$; $\text{Q} = \text{S, Se, Te}$) Tj ETQq1 1 0.784314 r	6.7	6
6	Evaluation of the Tauc method for optical absorption edge determination: ZnO thin films as a model system (Phys. Status Solidi B 8/2015). <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, n/a-n/a.	1.5	1
7	Understanding the Solid-State Electrode-Electrolyte Interface of a Model System Using First-Principles Statistical Mechanics and Thin-Film X-ray Characterization. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7428-7439.	8.0	1
8	Ab-Initio Calculations of Transition Metal Doping in $\text{Li}_2\text{FePO}_4\text{F}$ Polymorphs. ECS Meeting Abstracts, 2016, , .	0.0	0