

# Shane Patel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6423906/publications.pdf>

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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	Understanding the Solid-State Electrode–Electrolyte Interface of a Model System Using First-Principles Statistical Mechanics and Thin-Film X-ray Characterization. ACS Applied Materials & Interfaces, 2022, 14, 7428-7439.	8.0	1
2	Vast Structural and Polymorphic Varieties of Semiconductors $AM_2Q_4$ ( $A = K, Rb, Cs, Tl; M = Ga, In; M^{2+} =$ ) $TjETQq000rgBT/Overl$	6.7	0
3	Tailoring Interfaces in Solid-State Batteries Using Interfacial Thermochemistry and Band Alignment. Chemistry of Materials, 2021, 33, 8447-8459.	6.7	7
4	Layered and Cubic Semiconductors $A_2GaM_2Q_4$ ( $A = K, Rb, Cs, Tl; M = Ga, In; M^{2+} =$ ) $TjETQq000rgBT/Overl$ High Third-Harmonic Generation. Journal of the American Chemical Society, 2020, 142, 17730-17742.	13.7	21
5	High-Throughput Study of Lattice Thermal Conductivity in Binary Rocksalt and Zinc Blende Compounds Including Higher-Order Anharmonicity. Physical Review X, 2020, 10, .	8.9	55
6	Ab-Initio Calculations of Transition Metal Doping in Li <sub>2</sub> FePO <sub>4</sub> F Polymorphs. ECS Meeting Abstracts, 2016, , .	0.0	0
7	Evaluation of the Tauc method for optical absorption edge determination: ZnO thin films as a model system (Phys. Status Solidi B 8/2015). Physica Status Solidi (B): Basic Research, 2015, 252, n/a-n/a.	1.5	1
8	Evaluation of the Tauc method for optical absorption edge determination: ZnO thin films as a model system. Physica Status Solidi (B): Basic Research, 2015, 252, 1700-1710.	1.5	795