

# Rahul Soni

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Flat bands and ferrimagnetic order in electronically correlated dice-lattice ribbons. Physical Review B, 2020, 102, .	3.2	17
2	Prediction of exotic magnetic states in the alkali-metal quasi-one-dimensional iron selenide compound Na <sub>2</sub> FeSe <sub>2</sub> . Physical Review B, 2020, 102, .	3.2	15
3	BCS-BEC crossover in a $\text{Na}_2\text{FeSe}_2$ excitonic magnet. Physical Review B, 2020, 101, .	3.2	13
4	Origin of the magnetic and orbital ordering in $\text{Sr}_2\text{CrO}_4$ . Physical Review B, 2021, 103, .	3.2	13
5	Multitude of topological phase transitions in bipartite dice and Lieb lattices with interacting electrons and Rashba coupling. Physical Review B, 2021, 104, .	3.2	8
6	Estimation of biquadratic and bicubic Heisenberg effective couplings from multiorbital Hubbard models. New Journal of Physics, 2022, 24, 073014.	2.9	7
7	Intertwined charge, spin, and pairing orders in doped iron ladders. Physical Review B, 2021, 103, .	3.2	5
8	Electronic structure, magnetic properties, and pairing tendencies of the copper-based honeycomb lattice $\text{Na}_2\text{Zr}_2\text{O}_8$ . Physical Review B, 2022, 105, .	3.2	0