

Chetan Dhital

List of Publications by Year in descending order

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33
papers

1,290
citations

394421

19
h-index

395702

33
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35
all docs

35
docs citations

35
times ranked

2291
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic structure of magnetoelectric multiferroic HoFeWO ₆ . Journal of Magnetism and Magnetic Materials, 2022, 544, 168725.	2.3	3
2	Ingeniously enhanced ferromagnetism in chemically-reduced 2D Ti ₃ C ₂ TX MXene. Materials Chemistry and Physics, 2022, 285, 126155.	4.0	4
3	Crystal and magnetic structure of polar oxide HoCrWO ₆ . Journal of Magnetism and Magnetic Materials, 2020, 514, 167219.	2.3	9
4	Entropic signatures of the skyrmion lattice phase in MnSi _{1-x} Al _x and Fe _{1-y} Co _y Si. Physical Review B, 2020, 102, .	3.2	4
5	Unpinning the skyrmion lattice in MnSi: Effect of substitutional disorder. Physical Review B, 2019, 99, .	3.2	8
6	Disorder induced power-law gaps in an insulator-metal Mott transition. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11198-11202.	7.1	24
7	Effect of negative chemical pressure on the prototypical itinerant magnet MnSi. Physical Review B, 2017, 95, .	3.2	22
8	Exploring the origins of the Dzyaloshinskii-Moriya interaction in MnSi. Physical Review B, 2017, 96, .	3.2	17
9	The Influence of Fe Substitution in Lanthanum Calcium Cobalt Oxide on the Oxygen Evolution Reaction in Alkaline Media. Journal of the Electrochemical Society, 2016, 163, F1124-F1132.	2.9	19
10	Synthesis and characterization of substituted garnet and perovskite-based lithium-ion conducting solid electrolytes. Ionics, 2016, 22, 317-325.	2.4	19
11	Fermi Arcs vs. Fermi Pockets in Electron-doped Perovskite Iridates. Scientific Reports, 2015, 5, 8533.	3.3	18
12	Spectroscopic evidence for negative electronic compressibility in a quasi-three-dimensional spin-orbit correlated metal. Nature Materials, 2015, 14, 577-582.	27.5	43
13	Synthesis, characterization and electrochemical performance of Al-substituted Li ₂ MnO ₃ . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 201, 13-22.	3.5	19
14	Synthesis, Structure, and Electrochemical Performance of High Capacity Li ₂ Cu _{0.5} Ni _{0.5} O ₂ Cathodes. Chemistry of Materials, 2015, 27, 6746-6754.	6.7	31
15	Carrier localization and electronic phase separation in a doped spin-orbit-driven Mott phase in Sr ₃ (Ir _{1-x} Ru _x) ₂ O ₇ . Nature Communications, 2014, 5, 3377.	3.2	23
16	GaSb Thermophotovoltaic Cells Grown on GaAs Substrate Using the Interfacial Misfit Array Method. Journal of Electronic Materials, 2014, 43, 902-908.	12.8	40
17	Spin-correlated electronic state on the surface of a spin-orbit Mott system. Physical Review B, 2014, 90, .	2.2	22
18	Spin-correlated electronic state on the surface of a spin-orbit Mott system. Physical Review B, 2014, 90, .	3.2	11

#	ARTICLE	IF	CITATIONS
19	Magnetism and magnetic order in the pyrochlore iridates in the insulator-to-metal crossover region. Journal of Physics: Conference Series, 2014, 551, 012020.	0.4	13
20	Observation of Dirac Node Formation and Mass Acquisition in a Topological Crystalline Insulator. Science, 2013, 341, 1496-1499.	12.6	252
21	Neutron scattering studies on the pyrochlore iridate Nd ₂ Ir ₂ O ₇ . Physical Review B, 2013, 87, .	3.2	30
22	Imaging the evolution of metallic states in a correlated iridate. Nature Materials, 2013, 12, 707-713.	27.5	71
23	Neutron scattering study of correlated phase behavior in Sr ₂ IrO ₆ . Physical Review B, 2013, 87, .	3.2	92
24	Visualizing Landau Levels of Dirac Electrons in a One-Dimensional Potential. Physical Review Letters, 2012, 109, 166407.	7.8	29
25	Zn-induced spin dynamics in overdoped La ₂ SrCu ₄ O ₁₀ . Physical Review B, 2013, 87, .	3.2	3
26	Inelastic neutron scattering study of phonon density of states in nanostructured Sr ₂ Ge ₂ O ₇ . Physical Review B, 2013, 87, .	3.2	41
27	Neutron scattering study of the structural and magnetic phase transitions in BaFe ₂ As ₂ . Physical Review Letters, 2012, 108, 087001.	7.8	95
28	Effect of Uniaxial Strain on the Structural and Magnetic Phase Transitions in BaFe ₂ As ₂ . Physical Review Letters, 2012, 108, 087001.	7.8	95
29	Magnetic order in the pyrochlore iridates A ₂ Ir ₂ O ₇ (A= Y, Yb). Physical Review B, 2012, 86, .	3.2	89
30	Magnetic order and the electronic ground state in the pyrochlore iridate Nd ₂ Ir ₂ O ₇ . Physical Review B, 2012, 85, .	3.2	51
31	Ripple-modulated electronic structure of a 3D topological insulator. Nature Communications, 2012, 3, 1158.	12.8	28
32	Direct Observation of Broken Time-Reversal Symmetry on the Surface of a Magnetically Doped Topological Insulator. Physical Review Letters, 2011, 106, 206805.	7.8	142
33	Neutron scattering study of magnetic phase separation in nanocrystalline La ₂ CaMn ₈ O ₁₂ . Physical Review B, 2011, 84, .	3.2	12