

Nazir Khan

List of Publications by Year in descending order

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19
papers

345
citations

840776

11
h-index

839539

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all docs

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docs citations

19
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant magnetocaloric effect in magnetically frustrated EuHo ₂ O ₄ and EuDy ₂ O ₄ compounds. Applied Physics Letters, 2012, 101, .	3.3	55
2	Anomalous thermal expansion of Sb ₂ Te ₃ topological insulator. Applied Physics Letters, 2012, 100, 251912.	3.3	39
3	Formation of Nanosize Griffiths-like Clusters in Solid Solution of Ferromagnetic Manganite and Cobaltite. Journal of Physical Chemistry C, 2013, 117, 16658-16664.	3.1	36
4	3d-4f spin interaction and field-induced metamagnetism in RCrO ₄ (R=Ho, Gd, Lu) compounds. Journal of Applied Physics, 2014, 115, .	2.5	35
5	Giant magnetocaloric effect in antiferromagnetic DyVO ₄ compound. Physica B: Condensed Matter, 2014, 448, 43-45.	2.7	29
6	Critical behavior in the van der Waals itinerant ferromagnet Fe ₄ GeTe ₂ . Physical Review B, 2021, 104, .	3.2	27
7	Cubic symmetry and magnetic frustration on the fcc spin lattice in K ₂ IrCl ₆ . Physical Review B, 2019, 99, .	3.2	25
8	Field-Induced Spin-Structural Transition and Giant Magnetostriction in Ising Chain $\text{La}_{1-x}\text{Co}_x\text{O}_6$. Journal of Physical Chemistry C, 2014, 118, 1668-1673.	3.1	21
9	Complex exchange mechanism driven ferromagnetism in half-metallic Heusler $\text{Co}_2\text{Mn}_2\text{Si}$: Evidence from critical behavior. Physical Review B, 2019, 99, .	3.2	18
10	Critical exponents and irreversibility lines of La _{0.9} Sr _{0.1} CoO ₃ single crystal. Journal of Applied Physics, 2013, 113, .	2.5	13
11	Towards cubic symmetry for Ir_4Mo_4 : Structure and magnetism of the antifluorite K_2IrBr_6 . Physical Review B, 2020, 101, .	3.2	13
12	Unconventional critical behavior in a Sm-based ferromagnetic manganite: Effect of tricritical point. Physica B: Condensed Matter, 2020, 583, 412050.	2.7	8
13	EuNi ₂ P ₄ , the first magnetic unconventional clathrate prepared via a mechanochemically assisted route. Inorganic Chemistry Frontiers, 2020, 7, 1115-1126.	6.0	8
14	Unconventional transport properties of the itinerant ferromagnet EuTi _{1-x} Nb _x O ₃ (x=0.10-0.20). Physical Review B, 2018, 98, .	3.2	7
15	Giant magnetothermal conductivity and magnetostriction effect in the charge ordered Nd _{0.8} Na _{0.2} MnO ₃ compound. Europhysics Letters, 2016, 113, 17003.	2.0	4
16	Collapse of ferromagnetism with Ti doping in Sm _{0.55} Ti _{0.45} O ₃ . Physical Review B, 2018, 98, .	3.2	4
17	Synthesis, crystal and electronic structures of Pt-rich phosphides EuPt ₃ P and EuPt ₆ P ₂ . Dalton Transactions, 2019, 48, 15272-15282.	3.3	3
18	Combined inelastic neutron scattering and <i>ab initio</i> lattice dynamics study of FeSi. Physical Review B, 2022, 105, .	3.2	1

#	ARTICLE	IF	CITATIONS
19	Three-dimensional Dirac semimetal Cd ₃ As ₂ as a potential candidate for thermoelectric applications. AIP Conference Proceedings, 2018, , .	0.4	0