

Nazir Khan

List of Publications by Year in descending order

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19
papers

345
citations

840776

11
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839539

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all docs

19
docs citations

19
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined inelastic neutron scattering and <i>ab initio</i> lattice dynamics study of FeSi. Physical Review B, 2022, 105, .	3.2	1
2	Towards cubic symmetry for Ir^{4+} : Structure and magnetism of the antiferromagnet K_2IrBr_6 . Physical Review B, 2021, 104, .	3.2	13
3	Critical behavior in the van der Waals itinerant ferromagnet $\text{K}_2\text{Fe}_4\text{Te}_6$. Physical Review B, 2021, 104, .	3.2	27
4	Unconventional critical behavior in a Sm-based ferromagnetic manganite : Effect of tricritical point. Physica B: Condensed Matter, 2020, 583, 412050.	2.7	8
5	EuNi_2P_4 , the first magnetic unconventional clathrate prepared <i>via</i> a mechanochemically assisted route. Inorganic Chemistry Frontiers, 2020, 7, 1115-1126.	6.0	8
6	Complex exchange mechanism driven ferromagnetism in half-metallic Heusler Co_2Mn : Evidence from critical behavior. Physical Review B, 2019, 99, .	3.2	18
7	Cubic symmetry and magnetic frustration on the fcc spin lattice in K_2IrCl_6 . Physical Review B, 2019, 99, .	3.2	25
8	Synthesis, crystal and electronic structures of Pt-rich phosphides EuPt_3P and EuPt_6P_2 . Dalton Transactions, 2019, 48, 15272-15282.	3.3	3
9	Unconventional transport properties of the itinerant ferromagnet $\text{EuTi}_{1-x}\text{Nb}_x\text{O}_3$ ($x=0.10\text{--}0.20$). Physical Review B, 2018, 98, .	3.2	7
10	Collapse of ferromagnetism with Ti doping in $\text{Sm}_{0.55}\text{Ti}_{0.45}$. Physical Review B, 2018, 98, .	3.2	1
11	Three-dimensional Dirac semimetal Cd_3As_2 as a potential candidate for thermoelectric applications. AIP Conference Proceedings, 2018, .	0.4	0
12	Giant magnetothermal conductivity and magnetostriction effect in the charge ordered $\text{Nd}_{0.8}\text{Na}_{0.2}\text{MnO}_3$ compound. Europhysics Letters, 2016, 113, 17003.	2.0	4
13	3d-4f spin interaction and field-induced metamagnetism in RCrO_4 ($\text{R}=\text{Ho, Gd, Lu}$) compounds. Journal of Applied Physics, 2014, 115, .	2.5	35
14	Giant magnetocaloric effect in antiferromagnetic DyVO_4 compound. Physica B: Condensed Matter, 2014, 448, 43-45.	2.7	29
15	Field-Induced Spin-Structural Transition and Giant Magnetostriction in Ising Chain LiCoV_2O_6 . Journal of Physical Chemistry C, 2014, 118, 1668-1673.	3.1	21
16	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
17	Critical exponents and irreversibility lines of $\text{La}_{0.9}\text{Sr}_{0.1}\text{CoO}_3$ single crystal. Journal of Applied Physics, 2013, 113, .	2.5	13
18	Anomalous thermal expansion of Sb_2Te_3 topological insulator. Applied Physics Letters, 2012, 100, 251912.	3.3	39

#	ARTICLE	IF	CITATIONS
19	Giant magnetocaloric effect in magnetically frustrated EuHo ₂ O ₄ and EuDy ₂ O ₄ compounds. Applied Physics Letters, 2012, 101, .	3.3	55