

Vikram Singh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic phase transition and magneto-elastic coupling in Fe _{1-x} Cr _{2-x} Se ₄ (x = 0.0 - 0.50). Materials Research Bulletin, 2022, 155, 111941.	5.2	1
2	Magnetic properties and near-room-temperature large magnetocaloric effect in (La _{1-x} Bix) _{0.67} Ba _{0.33} MnO ₃ (x = 0 - 0.3) ceramics. Materials Research Bulletin, 2021, 133, 111030.	5.2	11
3	Low-dimensional magnetism of BaCuTe ₂ O ₆ . Physical Review B, 2021, 103, .	3.2	9
4	Negative thermal expansion and itinerant ferromagnetism in Mn _{1.4} Fe _{3.6} Si ₃ . Journal of Applied Physics, 2021, 130, .	2.5	4
5	Unconventional superparamagnetic behavior in the modified cubic spinel compound $\text{LiNi}_{0.5}\text{Mn}_{0.5}\text{O}_4$. Physical Review B, 2020, 102, .	3.2	11
6	Critical behavior and magnetocaloric effect across the magnetic transition in Mn _{1+x} Fe _{4-3x} Si ₃ . Scientific Reports, 2020, 10, 6981.	3.3	21
7	Magnetic and magnetocaloric properties of LaCr _{1-x} Mn _x O ₃ (x = 0, 0.05, 0.1). Ceramics International, 2019, 45, 22731-22736.	4.8	11
8	Giant negative magnetoresistance and kinetic arrest of first-order ferrimagnetic-antiferromagnetic transition in Ge doped Mn ₂ Sb. Journal of Applied Physics, 2019, 125, 233906.	2.5	5
9	Magnetic properties of ordered polycrystalline FeRh thin films. RSC Advances, 2017, 7, 44097-44103.	3.6	5
10	Magnetic field dependence of magnetic domains in Co doped Mn ₂ Sb using magnetic force microscopy. AIP Conference Proceedings, 2016, , .	0.4	0
11	Note: Inverted heat pulse method to measure heat capacity during cooling: A counterpart of conventional quasi-adiabatic heat pulse method. Review of Scientific Instruments, 2015, 86, 056102.	1.3	8
12	Magnetocaloric effect and magnetoresistance correlation in Ge-doped Mn ₂ Sb. Materials Research Express, 2014, 1, 046101.	1.6	13