

# Sunil K Karna

## List of Publications by Year in descending order

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9  
papers

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citations

1478505

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168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of magnetic ordering in chiral $Mn^{2+}$ spin chains: $Mn^{2+}$ spin chains with $Mn^{2+}$ ions in a $1D$ lattice. Physical Review B, 2019, 100, .	3.2	33
2	Annihilation and Control of Chiral Domain Walls with Magnetic Fields. Nano Letters, 2021, 21, 1205-1212.	9.1	15
3	Tuning martensitic transitions in $(MnNiSi)_{0.65}(Fe_2Ge)_{0.35}$ through heat treatment and hydrostatic pressure. Journal of Applied Physics, 2018, 124, .	2.5	14
4	Antiferromagnetic spin structure and negative thermal expansion of $Li_2Ni(WO_4)_2$ . Physical Review B, 2015, 92, .	3.2	11
5	Verification of complex acoustic mismatch model in sub-THz regime. Applied Physics Letters, 2019, 114, .	3.3	9
6	Successive spin orderings of tungstate-bridged $Li_2Ni(WO_4)_2$ of spin 1. Journal of Physics Condensed Matter, 2015, 27, 456001.	1.8	7
7	Helical magnetic order and Fermi surface nesting in noncentrosymmetric $ScFeGe$ . Physical Review B, 2021, 103, .	3.2	5
8	Magnetic properties and noncollinear spin structure of the tin-rich stannide $Ho_{1-x}Mn_xSn$ . Physical Review B, 2022, 105, .	3.5	2
9	Commensurate and incommensurate magnetic structure of the moderately frustrated antiferromagnet $Li_2M(WO_4)_2$ with $M=Co, Ni$ . Physical Review B, 2021, 104, .	3.2	1