

Poorva Singh

List of Publications by Year in descending order

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14
papers

46
citations

1937685

4
h-index

1720034

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all docs

14
docs citations

14
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	First principle based investigation of topological insulating phase in half-Heusler family NaYO (Y = Ag, Tl, Sb, Bi, As, and Sn). Journal of Applied Physics, 2019, 121, 045101.	1.8	3
2	Enhancement of thermoelectric performance of CH ₃ NH ₃ PbI ₃ through strain driven topological phase transition and doping. Journal Physics D: Applied Physics, 2021, 54, 305503.	2.8	0
3	Substrate orientation dependent structural, electronic and magnetic properties of V and Cr linear chains. Physica B: Condensed Matter, 2021, 617, 413132.	2.7	0
4	Pressure and inversion symmetry breaking field-driven first-order phase transition and formation of Dirac circle in perovskites. Physical Review B, 2020, 102, .	3.2	9
5	First-principle based thermoelectric properties of Weyl semi-metal SrSi ₂ . AIP Conference Proceedings, 2020, , .	0.4	1
6	First principle study of heterostructure of BaBi ₃ -stanene for topological superconductor applications. AIP Conference Proceedings, 2018, , .	0.4	0
7	First principle study of electronic and optical properties of molecular ion (BF ₄ ⁻) substituted hybrid perovskite (CH ₃ NH ₃ PbI ₃). AIP Conference Proceedings, 2017, , .	0.4	2
8	Effect of isovalent non-magnetic Fe-site doping on the electronic structure and spontaneous polarization of BiFeO ₃ . Journal of Applied Physics, 2015, 117, 184104.	2.5	11
9	An insight into evolution of electronic, magnetic, optical, and vibrational properties of ultrathin Pd nanowires. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	4
10	Magnetic CrX and MnX (X=Si, Ge, and As) nanowires: Stability enhancement and linearization. Journal of Alloys and Compounds, 2013, 547, 138-146.	5.5	2
11	Electronic, magnetic and mechanical properties of vanadium-carbon nanowires. , 2012, , .		0
12	Electronic and vibrational properties of vanadium-carbide nanowires. Journal of Applied Physics, 2012, 112, .	2.5	3
13	Electronic and optical properties of free-standing and supported vanadium nanowires. Journal of Applied Physics, 2012, 111, 093506.	2.5	8
14	Theoretical studies on electronic and magnetic properties of ultrathin Mo nanowires. Journal of Applied Physics, 2010, 107, 024307.	2.5	3