Suresh K G

List of Publications by Year
in descending order

14 papers	789 citations	759233 12 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	644 citing authors

#	Article	IF	Citations
1	Spin gapless semiconducting behavior in equiatomic quaternary CoFeMnSi Heusler alloy. Physical Review B, 2015, 91, .	3.2	212
2	Origin of spin gapless semiconductor behavior in CoFeCrGa: Theory and Experiment. Physical Review B, 2015, 92, .	3.2	130
3	Giant inverse magnetocaloric effect near room temperature in Co substituted NiMnSb Heusler alloys. Journal Physics D: Applied Physics, 2009, 42, 035009.	2.8	103
4	Electronic structure, magnetism, and antisite disorder in CoFeCrGe and CoMnCrAl quaternary Heusler alloys. Physical Review B, 2015, 92, .	3.2	73
5	Structural, electronic, magnetic, and transport properties of the equiatomic quaternary Heusler alloy CoRhMnGe: Theory and experiment. Physical Review B, 2017, 96, .	3.2	54
6	Competing magnetic and spin-gapless semiconducting behavior in fully compensated ferrimagnetic CrVTiAl: Theory and experiment. Physical Review B, 2018, 97, .	3.2	54
7	Observation of giant exchange bias in bulk Mn50Ni42Sn8 Heusler alloy. Applied Physics Letters, 2015, 106, .	3.3	49
8	Spin-gapless semiconducting nature of Co-rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mi mathvariant="italic">x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mi mathvariant="italic">x</mml:mi></mml:mrow></mml:msub><mml:mi>CrGa</mml:mi></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	3.2	32
9	Coexistence of spin semimetal and Weyl semimetal behavior in FeRhCrGe. Physical Review B, 2019, 100, .	3.2	22
10	Spin-gapless semiconductors: Fundamental and applied aspects. Journal of Applied Physics, 2020, 128, .	2.5	20
11	CoFeVSb: A promising candidate for spin valve and thermoelectric applications. Physical Review B, 2022, 105, .	3.2	17
12	Bipolar magnetic semiconducting behavior in VNbRuAl. Physical Review B, 2021, 104, .	3.2	13
13	High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>C</mml:mi></mml:msub></mml:math> inverse Heusler alloys: A comparative study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>RhSi</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi>	3.2	10
14	Magnetic behavior of Ru substituted skyrmion metal MnSi. Journal of Physics Condensed Matter, 2022, 34, 345801.	1.8	0