

Rohit Pathak

List of Publications by Year in descending order

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8
papers

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1937685
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#	ARTICLE	IF	CITATIONS
1	A strategic high throughput search for identifying stable Li based half Heusler alloys for spintronics applications. Journal of Magnetism and Magnetic Materials, 2022, 553, 169244.	2.3	2
2	Quantum phase transition and ferromagnetism in $C_{1-x}O_x$ Physical Review B, 2019, 99, .	3.2	4
3	Magnetocrystalline anisotropy of Co ₃ Si (001) films from first principles. AIP Advances, 2019, 9, 035128.	1.3	0
4	Unusual perpendicular anisotropy in Co ₂ TiSi films. Journal Physics D: Applied Physics, 2019, 52, 035001.	2.8	4
5	Magnetocrystalline anisotropy of μ -Fe ₂ O ₃ . AIP Advances, 2018, 8, .	1.3	10
6	Theory of Mn-Based High-Magnetization Alloys. IEEE Transactions on Magnetics, 2018, 54, 1-6.	2.1	8
7	First-principle investigation of structural, electronic and magnetic properties of Co ₂ VIn and CoVIn Heusler compounds. AIP Advances, 2017, 7, .	1.3	18
8	Half-metallic magnetism in Ti ₃ Co _{5-x} FexB ₂ . AIP Advances, 2017, 7, .	1.3	2