

Rai Maciel de Menezes

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

145
citations

1684188

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h-index

1372567

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all docs

10
docs citations

10
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Skyrmion-(Anti)Vortex Coupling in a Chiral Magnet-Superconductor Heterostructure. Physical Review Letters, 2021, 126, 117205.	7.8	35
2	Manipulation of magnetic skyrmions by superconducting vortices in ferromagnet-superconductor heterostructures. Physical Review B, 2019, 100, . Distinctive magnetic properties of Cr_3Br_2	3.2	32
3	Cr_3Br_2 and Cr_3I_2 monolayers caused by spin-orbit coupling. Physical Review B, 2021, 103, .	3.2	26
4	Deflection of ferromagnetic and antiferromagnetic skyrmions at heterochiral interfaces. Physical Review B, 2019, 99, .	3.2	25
5	Conformal Vortex Crystals. Scientific Reports, 2017, 7, 12766.	3.3	11
6	Self-assembled vortex crystals induced by inhomogeneous magnetic textures. Journal of Physics Condensed Matter, 2019, 31, 175402.	1.8	5
7	Topological energy barrier for skyrmion lattice formation in MnSi. Physical Review B, 2020, 102, .	3.2	4
8	Tailoring high-frequency magnonics in monolayer chromium trihalides. 2D Materials, 2022, 9, 025021.	4.4	4
9	Formation and stability of conformal spirals in confined 2D crystals. Journal of Physics Condensed Matter, 2020, 32, 505401.	1.8	2
10	Spin textures in chiral magnetic monolayers with suppressed nearest-neighbor exchange. Physical Review B, 2020, 101, .	3.2	1