

# Rai Maciel de Menezes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2310264/publications.pdf>

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10  
papers

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1684188

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1372567

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docs citations

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158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring high-frequency magnonics in monolayer chromium trihalides. 2D Materials, 2022, 9, 025021.	4.4	4
2	Skyrmion-(Anti)Vortex Coupling in a Chiral Magnet-Superconductor Heterostructure. Physical Review Letters, 2021, 126, 117205.	7.8	35
3	Distinctive magnetic properties of $\text{CrI}_3$ and $\text{CrBr}_3$ monolayers caused by spin-orbit coupling. Physical Review B, 2021, 103, .	3.2	26
4	Topological energy barrier for skyrmion lattice formation in MnSi. Physical Review B, 2020, 102, .	3.2	4
5	Spin textures in chiral magnetic monolayers with suppressed nearest-neighbor exchange. Physical Review B, 2020, 101, .	3.2	1
6	Formation and stability of conformal spirals in confined 2D crystals. Journal of Physics Condensed Matter, 2020, 32, 505401.	1.8	2
7	Manipulation of magnetic skyrmions by superconducting vortices in ferromagnet-superconductor heterostructures. Physical Review B, 2019, 100, .	3.2	32
8	Deflection of ferromagnetic and antiferromagnetic skyrmions at heterochiral interfaces. Physical Review B, 2019, 99, .	3.2	25
9	Self-assembled vortex crystals induced by inhomogeneous magnetic textures. Journal of Physics Condensed Matter, 2019, 31, 175402.	1.8	5
10	Conformal Vortex Crystals. Scientific Reports, 2017, 7, 12766.	3.3	11