

# Francisco JosÃ© Trindade GonÃ§alves

## List of Publications by Year in descending order

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15  
papers

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1040056

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337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic solitons and magnetic phase diagram of the hexagonal chiral crystal $\text{CrNb}_3\text{S}_6$ in oblique magnetic fields. Physical Review B, 2017, 96, .	3.2	47
2	Spin-orbit interaction enhancement in permalloy thin films by Pt doping. Physical Review B, 2016, 93, .	3.2	35
3	Collective resonant dynamics of the chiral spin soliton lattice in a monoaxial chiral magnetic crystal. Physical Review B, 2017, 95, .	3.2	35
4	Thickness dependence of spin wave excitations in an artificial square spin ice-like geometry. Journal of Applied Physics, 2017, 121, .	2.5	19
5	Tailored resonance in micrometer-sized monoaxial chiral helimagnets. Physical Review B, 2018, 98, .	3.2	17
6	Theory of standing spin waves in a finite-size chiral spin soliton lattice. Physical Review B, 2019, 100, .	3.2	15
7	Bipolar spin Hall nano-oscillators. Applied Physics Letters, 2020, 116, .	3.3	13
8	Switching behavior of the magnetic resonance in a monoaxial chiral magnetic crystal $\text{CrNb}_3\text{S}_6$ . Applied Physics Letters, 2019, 115, 242401.	3.3	11
9	Field driven recovery of the collective spin dynamics of the chiral soliton lattice. Applied Physics Letters, 2020, 116, .	3.3	10
10	Agility of Spin Hall Nano-Oscillators. Physical Review Applied, 2021, 16, .	3.8	7
11	Anisotropy engineering using exchange bias on antidot templates. AIP Advances, 2015, 5, .	1.3	6
12	Probing microwave fields and enabling in-situ experiments in a transmission electron microscope. Scientific Reports, 2017, 7, 11064.	3.3	6
13	Anisotropic microwave propagation in a reconfigurable chiral spin soliton lattice. Physical Review B, 2021, 104, .	3.2	4
14	Modeling Exchangeâ€”Spring Layered Systems With Perpendicular Anisotropy Using Ferromagnetic Resonance Measurements. IEEE Transactions on Magnetics, 2012, 48, 4081-4084.	2.1	2
15	Mapping the Stray Fields of a Micromagnet Using Spin Centers in SiC. IEEE Magnetics Letters, 2021, 12, 1-5.	1.1	1