

# Rafael Lopes Seeger

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Impact of gigahertz and terahertz transport regimes on spin propagation and conversion in the antiferromagnet IrMn. Applied Physics Letters, 2022, 120, .	3.3	8
2	Bright and Dark States of Two Distant Macrospins Strongly Coupled by Phonons. Physical Review X, 2022, 12, .	8.9	15
3	Penetration depth of Cooper pairs in the IrMn antiferromagnet. Physical Review B, 2021, 104, .	3.2	5
4	Imprint from ferromagnetic skyrmions in an antiferromagnet via exchange bias. Applied Physics Letters, 2021, 119, 192407.	3.3	4
5	Stacking order-dependent sign-change of microwave phase due to eddy currents in nanometer-scale NiFe/Cu heterostructures. Applied Physics Letters, 2019, 115, 032403.	3.3	0
6	Magnetic domain size tuning in asymmetric Pd/Co/W/Pd multilayers with perpendicular magnetic anisotropy. Applied Physics Letters, 2019, 115, .	3.3	10
7	Self-induced inverse spin Hall effect in ferromagnets: Demonstration through nonmonotonic temperature dependence in permalloy. Physical Review B, 2019, 100, .	3.2	13
8	Observation of magnetic skyrmions in unpatterned symmetric multilayers at room temperature and zero magnetic field. Scientific Reports, 2019, 9, 4144.	3.3	35
9	Spin pumping as a generic probe for linear spin fluctuations: demonstration with ferromagnetic and antiferromagnetic orders, metallic and insulating electrical states. Applied Physics Express, 2019, 12, 023001.	2.4	9
10	Wireless power transfer exploring spin rectification and inverse spin Hall effects. Journal Physics D: Applied Physics, 2018, 51, 165002.	2.8	6
11	Unraveling the influence of electronic and magnonic spin-current injection near the magnetic ordering transition of IrMn metallic antiferromagnets. Physical Review B, 2018, 98, .	3.2	17
12	Highly porous Fe-2wt%P alloy produced by plasma assisted debinding and sintering of injection-molded parts. Materials Letters, 2018, 231, 163-166.	2.6	2
13	Inverse spin Hall and spin rectification effects in NiFe/FeMn exchange-biased thin films. Journal of Magnetism and Magnetic Materials, 2017, 441, 392-397.	2.3	6