

Rafael Lopes Seeger

List of Publications by Year in descending order

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13
papers

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1307594

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13
times ranked

209
citing authors

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