

Alejandro O Leon

List of Publications by Year in descending order

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21
papers

171
citations

1039406

9
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1125271

13
g-index

21
all docs

21
docs citations

21
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal field effects on spin pumping. <i>Physical Review B</i> , 2017, 96, .	1.1	27
2	Manipulation of the RKKY exchange by voltages. <i>Physical Review B</i> , 2019, 100, .	1.1	21
3	Voltage Control of Rare-Earth Magnetic Moments at the Magnetic-Insulatorâ€“Metal Interface. <i>Physical Review Letters</i> , 2018, 120, 027201.	2.9	18
4	Dissipative structures induced by spin-transfer torques in nanopillars. <i>Physical Review E</i> , 2014, 89, 022908.	0.8	16
5	Alternating spin-polarized current induces parametric resonance in spin valves. <i>Physical Review B</i> , 2015, 91, .	1.1	13
6	Traveling pulse on a periodic background in parametrically driven systems. <i>Physical Review E</i> , 2015, 91, 050901.	0.8	13
7	Flaming $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \tilde{\epsilon} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ in parametrically driven systems. <i>Physical Review E</i> , 2016, 94, 052217.		
8	Spin-transfer-driven nano-oscillators are equivalent to parametric resonators. <i>Physical Review B</i> , 2015, 91, .	1.1	10
9	Chaotic patterns and localized states in spin valves. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 476, 589-596.	1.0	10
10	Voltage-control of damping constant in magnetic-insulator/topological-insulator bilayers. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	7
11	Dissipative magnetic breathers induced by time-modulated voltages. <i>Physical Review E</i> , 2018, 98, .	0.8	6
12	Alternating superlattice textures in driven nanomagnets. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 44, 404-413.	1.7	3
13	Oscillating decorated interfaces in parametrically driven systems. <i>Physical Review E</i> , 2018, 97, 012207.	0.8	3
14	Phase-shift control of the exchange coupling between magnetic impurities. <i>Nanotechnology</i> , 2020, 31, 355002.	1.3	3
15	Self-organization in the one-dimensional Landauâ€“Lifshitzâ€“Gilbertâ€“Slonczewski equation with non-uniform anisotropy fields. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021, 96, 105674.	1.7	3
16	Synchronization of two spin-transfer-driven nano-oscillators coupled via magnetostatic fields. <i>Physical Review E</i> , 2019, 99, 032210.	0.8	2
17	Equilibrium current vortices in simple metals doped with rare earths. <i>Physical Review B</i> , 2021, 103, .	1.1	2
18	Parametric Phenomena in Magnetic Nanostripes. <i>Springer Proceedings in Physics</i> , 2016, , 247-259.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Transition from nonradiative to radiative oscillons in parametrically driven systems. <i>Physical Review E</i> , 2020, 101, 052209.	0.8	1
20	Voltage- and temperature-dependent rare-earth dopant contribution to the interfacial magnetic anisotropy. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 404004.	0.7	1
21	Stationary textures induced by spin-transfer torques: role of the angular dependence. <i>Journal of Physics: Conference Series</i> , 2016, 720, 012028.	0.3	0