## Alejandro O Leon

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1954192/publications.pdf

Version: 2024-02-01

1039406 1125271 21 171 9 13 citations h-index g-index papers 21 21 21 154 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Equilibrium current vortices in simple metals doped with rare earths. Physical Review B, 2021, 103, .	1.1	2
2	Self-organization in the one-dimensional Landau–Lifshitz–Gilbert–Slonczewski equation with non-uniform anisotropy fields. Communications in Nonlinear Science and Numerical Simulation, 2021, 96, 105674.	1.7	3
3	Voltage-control of damping constant in magnetic-insulator/topological-insulator bilayers. Applied Physics Letters, 2021, 118, .	1.5	7
4	Transition from nonradiative to radiative oscillons in parametrically driven systems. Physical Review E, 2020, 101, 052209.	0.8	1
5	Voltage- and temperature-dependent rare-earth dopant contribution to the interfacial magnetic anisotropy. Journal of Physics Condensed Matter, 2020, 32, 404004.	0.7	1
6	Phase-shift control of the exchange coupling between magnetic impurities. Nanotechnology, 2020, 31, 355002.	1.3	3
7	Manipulation of the RKKY exchange by voltages. Physical Review B, 2019, 100, .	1.1	21
8	Synchronization of two spin-transfer-driven nano-oscillators coupled via magnetostatic fields. Physical Review E, 2019, 99, 032210.	0.8	2
9	Chaotic patterns and localized states in spin valves. Journal of Magnetism and Magnetic Materials, 2019, 476, 589-596.	1.0	10
10	Oscillating decorated interfaces in parametrically driven systems. Physical Review E, 2018, 97, 012207.	0.8	3
11	Voltage Control of Rare-Earth Magnetic Moments at the Magnetic-Insulator–Metal Interface. Physical Review Letters, 2018, 120, 027201.	2.9	18
12	Dissipative magnetic breathers induced by time-modulated voltages. Physical Review E, 2018, 98, .	0.8	6
13	Crystal field effects on spin pumping. Physical Review B, 2017, 96, .	1.1	27
14	Alternating superlattice textures in driven nanomagnets. Communications in Nonlinear Science and Numerical Simulation, 2017, 44, 404-413.	1.7	3
15	Stationary textures induced by spin-transfer torques: role of the angular dependence. Journal of Physics: Conference Series, 2016, 720, 012028.	0.3	0
16	Flaming <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>Ï€<td>ni&gt;<b>ø/8</b>nml:</td><td>:mr<b>ow</b>&gt;</td></mml:mi></mml:mrow></mml:math>	ni> <b>ø/8</b> nml:	:mr <b>ow</b> >
17	Parametric Phenomena in Magnetic Nanostripes. Springer Proceedings in Physics, 2016, , 247-259.	0.1	1
18	Spin-transfer-driven nano-oscillators are equivalent to parametric resonators. Physical Review B, 2015, 91, .	1.1	10

## Alejandro O Leon

#	Article	IF	CITATIONS
19	Alternating spin-polarized current induces parametric resonance in spin valves. Physical Review B, 2015, 91, .	1.1	13
20	Traveling pulse on a periodic background in parametrically driven systems. Physical Review E, 2015, 91, 050901.	0.8	13
21	Dissipative structures induced by spin-transfer torques in nanopillars. Physical Review E, 2014, 89, 022908.	0.8	16