Elisa De Ranieri

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4906089/publications.pdf

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24	498	1163117 8	940533 16
papers	citations	h-index	g-index

50	50	50	687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental observation of the optical spin transfer torque. Nature Physics, 2012, 8, 411-415.	16.7	119
2	Voltage control of magnetocrystalline anisotropy in ferromagnetic-semiconductor-piezoelectric hybrid structures. Physical Review B, 2008, 78, .	3.2	90
3	Piezoelectric control of the mobility of a domain wall driven by adiabatic and non-adiabatic torques. Nature Materials, 2013, 12, 808-814.	27.5	64
4	Local control of magnetocrystalline anisotropy in (Ga,Mn)As microdevices: Demonstration in current-induced switching. Physical Review B, 2007, 76, .	3.2	63
5	Lithographically and electrically controlled strain effects on anisotropic magnetoresistance in (Ga,Mn)As. New Journal of Physics, 2008, 10, 065003.	2.9	57
6	Uptake and outcome of manuscripts in Nature journals by review model and author characteristics. Research Integrity and Peer Review, 2018, 3, 5.	5.2	36
7	Current-driven domain wall motion across a wide temperature range in a (Ga,Mn)(As,P) device. Applied Physics Letters, 2010, 97, .	3.3	25
8	Magnetic domain wall propagation under ferroelectric control. Physical Review B, 2012, 86, .	3.2	16
9	Fast switching of magnetization in the ferromagnetic semiconductor (Ga,Mn)(As,P) using nonequilibrium phonon pulses. Applied Physics Letters, 2011, 99, .	3.3	8
10	Magnetisation of bulk Mn11Si19 and Mn4Si7. Thin Solid Films, 2011, 519, 8516-8519.	1.8	6
11	When a velocitron meets a reflectron. Nature Methods, 2015, 12, 8-8.	19.0	3
12	Nitrides in the spotlight. Nature Nanotechnology, 2014, 9, 880-880.	31.5	1
13	Capturing stray fields. Nature Nanotechnology, 2013, 8, 621-621.	31.5	0
14	I wish someone had told me. Nature Nanotechnology, 2015, 10, 824-824.	31.5	0
15	Digging up band structures. Nature Nanotechnology, 0, , .	31.5	0
16	Lighting up skyrmions. Nature Nanotechnology, 0, , .	31.5	0
17	Nanoscale features in 3D. Nature Nanotechnology, 0, , .	31.5	0
18	Overcoming attraction. Nature Nanotechnology, 0, , .	31.5	0

#	Article	IF	Citations
19	Made to measure. Nature Nanotechnology, 0, , .	31.5	0
20	Better on MoS2. Nature Nanotechnology, 0, , .	31.5	0
21	A memory for images. Nature Nanotechnology, 0, , .	31.5	0
22	Magnetic domain walls: Pushed by spin waves. Nature Nanotechnology, 0, , .	31.5	0
23	Skyrmions: Room temperature and beyond. Nature Nanotechnology, 0, , .	31.5	0
24	Quantum point contacts: Measuring spins. Nature Nanotechnology, 0, , .	31.5	0