

Elisa De Ranieri

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

498
citations

1163117

8
h-index

940533

16
g-index

50
all docs

50
docs citations

50
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	When a velocitron meets a reflectron. Nature Methods, 2015, 12, 8-8.	19.0	3
3	I wish someone had told me. Nature Nanotechnology, 2015, 10, 824-824.	31.5	0
4	Nitrides in the spotlight. Nature Nanotechnology, 2014, 9, 880-880.	31.5	1
5	Capturing stray fields. Nature Nanotechnology, 2013, 8, 621-621.	31.5	0
6	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
7	Magnetic domain wall propagation under ferroelectric control. Physical Review B, 2012, 86, .	3.2	16
8	Experimental observation of the optical spin transfer torque. Nature Physics, 2012, 8, 411-415.	16.7	119
9	Magnetisation of bulk Mn ₁₁ Si ₁₉ and Mn ₄ Si ₇ . Thin Solid Films, 2011, 519, 8516-8519.	1.8	6
10	Fast switching of magnetization in the ferromagnetic semiconductor (Ga,Mn)(As,P) using nonequilibrium phonon pulses. Applied Physics Letters, 2011, 99, .	3.3	8
11	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
12	Voltage control of magnetocrystalline anisotropy in ferromagnetic-semiconductor-piezoelectric hybrid structures. Physical Review B, 2008, 78, .	3.2	90
13	Lithographically and electrically controlled strain effects on anisotropic magnetoresistance in (Ga,Mn)As. New Journal of Physics, 2008, 10, 065003.	2.9	57
14	Local control of magnetocrystalline anisotropy in (Ga,Mn)As microdevices: Demonstration in current-induced switching. Physical Review B, 2007, 76, .	3.2	63
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