Elisa De Ranieri

List of Publications by Citations

13 papers	417 citations	8 h-index	20 g-index
50 ext. papers	459 ext. citations	27.7 avg, IF	2.75 L-index

#	Paper	IF	Citations
13	Experimental observation of the optical spin transfer torque. *Nature Physics*, **2012**, 8, 411-415	16.2	95
12	Voltage control of magnetocrystalline anisotropy in ferromagnetic-semiconductor-piezoelectric hybrid structures. *Physical Review B*, **2008**, 78,	3.3	84
11	Local control of magnetocrystalline anisotropy in (Ga,Mn)As microdevices: Demonstration in current-induced switching. *Physical Review B*, **2007**, 76,	3.3	60
10	Piezoelectric control of the mobility of a domain wall driven by adiabatic and non-adiabatic torques. *Nature Materials*, **2013**, 12, 808-14	27	54
9	Lithographically and electrically controlled strain effects on anisotropic magnetoresistance in (Ga,Mn)As. *New Journal of Physics*, **2008**, 10, 065003	2.9	49
8	Current-driven domain wall motion across a wide temperature range in a (Ga,Mn)(As,P) device. *Applied Physics Letters*, **2010**, 97, 262102	3.4	25
7	Magnetic domain wall propagation under ferroelectric control. *Physical Review B*, **2012**, 86,	3.3	16
6	Uptake and outcome of manuscripts in Nature journals by review model and author characteristics. *Research Integrity and Peer Review*, **2018**, 3, 5	6.1	14
5	Fast switching of magnetization in the ferromagnetic semiconductor (Ga,Mn)(As,P) using nonequilibrium phonon pulses. *Applied Physics Letters*, **2011**, 99, 262503	3.4	8
4	Magnetisation of bulk Mn11Si19 and Mn4Si7. *Thin Solid Films*, **2011**, 519, 8516-8519	2.2	3
3	Nobel Prize in Physics: nitrides in the spotlight. *Nature Nanotechnology*, **2014**, 9, 880	28.7	1
2	I wish someone had told me. *Nature Nanotechnology*, **2015**, 10, 824	28.7	
1	Single-spin magnetometry: Capturing stray fields. *Nature Nanotechnology*, **2013**, 8, 621	28.7	