

Zihui Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11874324/publications.pdf>

Version: 2024-02-01

18
papers

701
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1062
citing authors

#	ARTICLE	IF	CITATIONS
1	Damping in Yttrium Iron Garnet Nanoscale Films Capped by Platinum. <i>Physical Review Letters</i> , 2013, 111, 106601.	7.8	227
2	Control of Spin Waves in a Thin Film Ferromagnetic Insulator through Interfacial Spin Scattering. <i>Physical Review Letters</i> , 2011, 107, 146602.	7.8	115
3	Electric control of magnetization relaxation in thin film magnetic insulators. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	47
4	In-plane c-axis oriented barium ferrite films with self-bias and low microwave loss. <i>Applied Physics Letters</i> , 2008, 93, 172503.	3.3	41
5	Millimeter wave phase shifter based on ferromagnetic resonance in a hexagonal barium ferrite thin film. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	34
6	High performance perpendicular magnetic tunnel junction with Co/Ir interfacial anisotropy for embedded and standalone STT-MRAM applications. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	34
7	Observation of microwave-assisted magnetization reversal in Fe ₆₅ Co ₃₅ thin films through ferromagnetic resonance measurements. <i>Applied Physics Letters</i> , 2009, 95, 012504.	3.3	33
8	Chaotic Spin-Wave Solitons in Magnetic Film Feedback Rings. <i>Physical Review Letters</i> , 2011, 107, 114102.	7.8	31
9	Temperature and frequency characteristics of low-loss MnZn ferrite in a wide temperature range. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	28
10	Chirped-microwave assisted magnetization reversal. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	24
11	Perpendicular magnetic tunnel junction with thin CoFeB/Ta/Co/Pd/Co reference layer. <i>Applied Physics Letters</i> , 2014, 105, 192403.	3.3	24
12	Competition between pumping and damping in microwave-assisted magnetization reversal in magnetic films. <i>Physical Review B</i> , 2010, 81, .	3.2	19
13	Bit error rate investigation of spin-transfer-switched magnetic tunnel junctions. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	18
14	Observation of spin-wave dark soliton pairs in yttrium iron garnet thin films. <i>Physical Review B</i> , 2015, 91, .	3.2	10
15	Different dielectric breakdown mechanisms for RF-MgO and naturally oxidized MgO. <i>Applied Physics Express</i> , 2014, 7, 083002.	2.4	9
16	WRITE ERROR RATE IN SPIN TRANSFER TORQUE MAGNETIC RANDOM ACCESS MEMORY. <i>Spin</i> , 2012, 02, 1240001.	1.3	3
17	Dramatic reduction of read disturb through pulse width control in spin torque random access memory. <i>Applied Physics Letters</i> , 2013, 103, 142419.	3.3	2
18	Perpendicular magnetic tunneling junction switching dynamic modes, extreme events, and performance scaling. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	2