

# Zihui Wang

## List of Publications by Year in descending order

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papers

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times ranked

1062  
citing authors

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