

Jonathan Z Sun

List of Publications by Year in descending order

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16
papers

813
citations

1040056

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1281871

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17
all docs

17
docs citations

17
times ranked

952
citing authors

#	ARTICLE	IF	CITATIONS
1	A perspective on electrical generation of spin current for magnetic random access memories. Applied Physics Letters, 2022, 120, .	3.3	7
2	Spin-transfer torque switched magnetic tunnel junction for memory technologies. Journal of Magnetism and Magnetic Materials, 2022, 559, 169479.	2.3	13
3	Precession coupled spin current in spin torque driven magnetic tunnel junctions. AIP Advances, 2021, 11, 015006.	1.3	0
4	Demonstration of Nanosecond Operation in Stochastic Magnetic Tunnel Junctions. Nano Letters, 2021, 21, 2040-2045.	9.1	51
5	Planar Hall Driven Torque in a Ferromagnet/Nonmagnet/Ferromagnet System. Physical Review Letters, 2020, 124, 197204.	7.8	27
6	A memorial symposium for John C. Slonczewski at the 64th MMM conference. AIP Advances, 2020, 10, 030401.	1.3	0
7	Interface moment dynamics and its contribution to spin-transfer torque switching process in magnetic tunnel junctions. Physical Review B, 2019, 100, .	3.2	18
8	Material parameters of perpendicularly magnetized tunnel junctions from spin torque ferromagnetic resonance techniques. Applied Physics Letters, 2016, 109, .	3.3	23
9	Physical Principles of Spin Torque. , 2016, , 1339-1385.		2
10	Physical Principles of Spin Torque. , 2014, , 1-38.		3
11	Micromagnetic study of switching boundary of a spin torque nanodevice. Applied Physics Letters, 2011, 98, 102501.	3.3	13
12	Measurement of the spin-transfer-torque vector in magnetic tunnel junctions. Nature Physics, 2008, 4, 67-71.	16.7	571
13	Spin-transfer-induced magnetic excitation: The role of spin-pumping induced damping. Journal of Applied Physics, 2005, 97, 10C714.	2.5	9
14	Spin angular momentum transfer in a current-perpendicular spin-valve nanomagnet. , 2004, , .		55
15	Spin-dependent transport in trilayer junctions of doped manganites. Physica C: Superconductivity and Its Applications, 2001, 350, 215-226.	1.2	20
16	Spin-Dependent Transport in Manganite Trilayer Junctions. Materials Research Society Symposia Proceedings, 1999, 574, 273.	0.1	1