

Anders Eklund

List of Publications by Year in descending order

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17
papers

1,017
citations

686830

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940134

16
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19
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19
docs citations

19
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-Torque and Spin-Hall Nano-Oscillators. Proceedings of the IEEE, 2016, 104, 1919-1945.	16.4	276
2	Spin Torque-Generated Magnetic Droplet Solitons. Science, 2013, 339, 1295-1298.	6.0	237
3	Mutually synchronized bottom-up multi-nanocontact spin-torque oscillators. Nature Communications, 2013, 4, 2731.	5.8	98
4	Spin-Wave-Mode Coexistence on the Nanoscale: A Consequence of the Oersted-Field-Induced Asymmetric Energy Landscape. Physical Review Letters, 2013, 110, 257202.	2.9	98
5	Direct observation and imaging of a spin-wave soliton with p-like symmetry. Nature Communications, 2015, 6, 8889.	5.8	52
6	Spin transfer torque generated magnetic droplet solitons (invited). Journal of Applied Physics, 2014, 115, .	1.1	47
7	Magnetic droplet nucleation boundary in orthogonal spin-torque nano-oscillators. Nature Communications, 2016, 7, 11209.	5.8	46
8	Magnetic droplet solitons in orthogonal nano-contact spin torque oscillators. Physica B: Condensed Matter, 2014, 435, 84-87.	1.3	35
9	Dependence of the colored frequency noise in spin torque oscillators on current and magnetic field. Applied Physics Letters, 2014, 104, 092405.	1.5	28
10	Magnetic droplet solitons in orthogonal spin valves. Low Temperature Physics, 2015, 41, 833-837.	0.2	21
11	Order of magnitude improvement of nano-contact spin torque nano-oscillator performance. Nanoscale, 2017, 9, 1896-1900.	2.8	17
12	Non-stationary excitation of two localized spin-wave modes in a nano-contact spin torque oscillator. Journal of Applied Physics, 2013, 114, 153906.	1.1	16
13	Comprehensive and Macrospin-Based Magnetic Tunnel Junction Spin Torque Oscillator Model-Part I: Analytical Model of the MTJ STO. IEEE Transactions on Electron Devices, 2015, 62, 1037-1044.	1.6	15
14	Comprehensive and Macrospin-Based Magnetic Tunnel Junction Spin Torque Oscillator Model- Part II: Verilog-A Model Implementation. IEEE Transactions on Electron Devices, 2015, 62, 1045-1051.	1.6	11
15	Integration of GMR-based spin torque oscillators and CMOS circuitry. Solid-State Electronics, 2015, 111, 91-99.	0.8	11
16	Impact of intragrain spin wave reflections on nanocontact spin torque oscillators. Physical Review B, 2021, 103, .	1.1	6
17	Triple mode-jumping in a spin torque oscillator. , 2013, , .		3