

Jyotirmoy Chatterjee

List of Publications by Year in descending order

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14
papers

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1307594

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14
times ranked

312
citing authors

#	ARTICLE	IF	CITATIONS
1	RKKY Exchange Bias Mediated Ultrafast All-Optical Switching of a Ferromagnet. <i>Advanced Functional Materials</i> , 2022, 32, 2107490.	14.9	17
2	Depth-resolved magnetization profile of MgO/CoFeB/W perpendicular half magnetic tunnel junctions. <i>AIP Advances</i> , 2022, 12, 035129.	1.3	0
3	Progress toward picosecond on-chip magnetic memory. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	8
4	Influence of dislocations and twin walls in BaTiO ₃ on the voltage-controlled switching of perpendicular magnetization. <i>Physical Review Materials</i> , 2021, 5, .	2.4	3
5	Spin Torque Efficiency Modulation in a Double-Barrier Magnetic Tunnel Junction with a Read/Write Mode Control Layer. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2607-2613.	4.3	5
6	An electron holography study of perpendicular magnetic tunnel junctions nanostructured by deposition on pre-patterned conducting pillars. <i>Nanoscale</i> , 2020, 12, 17312-17318.	5.6	4
7	Manipulating magnetoelectric energy landscape in multiferroics. <i>Nature Communications</i> , 2020, 11, 2836.	12.8	42
8	Reduced Thermal Variation of Perpendicular Magnetic Anisotropy in Magnetically Stiffened Dual-W Composite Storage Layer for Spin-Transfer-Torque Magnetic Random-Access Memory. <i>Physical Review Applied</i> , 2019, 12, .	3.8	6
9	Physicochemical origin of improvement of magnetic and transport properties of STT-MRAM cells using tungsten on FeCoB storage layer. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	14
10	Novel multifunctional RKKY coupling layer for ultrathin perpendicular synthetic antiferromagnet. <i>Scientific Reports</i> , 2018, 8, 11724.	3.3	19
11	Enhanced annealing stability and perpendicular magnetic anisotropy in perpendicular magnetic tunnel junctions using W layer. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	35
12	Impact of seed layer on post-annealing behavior of transport and magnetic properties of Co/Pt multilayer-based bottom-pinned perpendicular magnetic tunnel junctions. <i>Applied Physics Express</i> , 2015, 8, 063002.	2.4	22
13	Seed Layer Effect on the Magnetic Properties of Ultrathin Co/Pt Multilayers With Perpendicular Magnetic Anisotropy. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-4.	2.1	13
14	Unconventional Seedless Multilayers with Large Perpendicular Anisotropy for Back-End-of-Line Compatible Spintronic Devices. <i>ACS Applied Electronic Materials</i> , 0, , .	4.3	0