

Jyotirmoy Chatterjee

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

188
citations

1307594

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1199594

12
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all docs

14
docs citations

14
times ranked

312
citing authors

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