

Current-induced spin-orbit torques in ferromagnetic an

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Citation Report

#	ARTICLE	IF	CITATIONS
1	High-speed domain wall racetracks in a magnetic insulator. Nature Communications, 2019, 10, 4750.	5.8	114
2	Design rules for scalability in spin-orbit electronics. Scientific Reports, 2019, 9, 13732.	1.6	2
3	Spin-orbit torque manipulated by fine-tuning of oxygen-induced orbital hybridization. Science Advances, 2019, 5, eaax4278.	4.7	43
4	Mechanism of Néel Order Switching in Antiferromagnetic Thin Films Revealed by Magnetotransport and Direct Imaging. Physical Review Letters, 2019, 123, 177201.	2.9	119
5	Spin-orbit torques and their angular dependence in ferromagnet/normal metal heterostructures. Applied Physics Letters, 2019, 115, 122405.	1.5	2
6	Large spin-orbit torque efficiency enhanced by magnetic structure of collinear antiferromagnet IrMn. Science Advances, 2019, 5, eaau6696.	4.7	70
7	Large Tunneling Magnetoresistance in $VSe_2/MoS_2$ Magnetic Tunnel Junction. ACS Applied Materials & Interfaces, 2019, 11, 17647-17653.	4.0	65
8	The Heat in Antiferromagnetic Switching. Physics Magazine, 2019, 12, .	0.1	3
9	In-situ study of oxygen exposure effect on spin-orbit torque in Pt/Co bilayers in ultrahigh vacuum. Scientific Reports, 2019, 9, 17254.	1.6	9
10	Spin-orbit torques in a Rashba honeycomb antiferromagnet. Physical Review B, 2019, 100, .	1.1	6
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14	Ferroic tunnel junctions and their application in neuromorphic networks. Applied Physics Reviews, 2020, 7, .	5.5	91
15	Tunable room-temperature spin galvanic and spin Hall effects in van der Waals heterostructures. Nature Materials, 2020, 19, 170-175.	13.3	127
16	Observation of Thermal Spin-Orbit Torque in W/CoFeB/MgO Structures. Nano Letters, 2020, 20, 7803-7810.	4.5	7
17	Magnetization reversal in superconductor/insulating ferromagnet/superconductor Josephson junctions on a three-dimensional topological insulator. Physical Review B, 2020, 102, .	1.1	11
18	Fingerprint of the inverse Rashba-Edelstein effect at heavy-metal/Cu interfaces. Physical Review B, 2020, 102, .	1.1	12

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19	Strong spin-orbit torque effect on magnetic defects due to topological surface state electrons in Physical Review B, 2020, 102, .	1.1	3
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22	Charge-magnon conversion at the topological insulator/antiferromagnetic insulator interface. Physical Review B, 2020, 102, .	1.1	2
23	Prospect of Spin-Orbitronic Devices and Their Applications. IScience, 2020, 23, 101614.	1.9	66
24	Element-Specific Detection of Sub-Nanosecond Spin-Transfer Torque in a Nanomagnet Ensemble. Nano Letters, 2020, 20, 7828-7834.	4.5	5
25	Effect of interfacial oxidation layer in spin pumping experiments on Ni80Fe20/SrIrO3 heterostructures. Journal of Applied Physics, 2020, 128, .	1.1	9
26	Multidomain Memristive Switching of $Pt_{38}MnCoNi_n$ Multilayers. Physical Review Applied, 2020, 14, .	1.9	10
27	Spin transport in noncollinear antiferromagnetic metals. Physical Review B, 2020, 102, .	1.1	7
28	Enhancement of spin Hall conductivity in W-Ta alloy. Applied Physics Letters, 2020, 117, .	1.5	17
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57	Magnetic Damping in Epitaxial $\text{Fe}_{1-x}\text{Al}_x$ Alloyed with Vanadium and Aluminum. <i>Physical Review Applied</i> , 2020, 14, .	1.5	13
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