

Spin currents and spin-orbit torques in ferromagnetic

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Large anomalous Nernst effect across the magneto-structural transition in a bulk Ni-Co-Mn-Sn full Heusler alloy. <i>Applied Physics Letters</i> , 2018, 113, 262405.	1.5	8
2	Anomalous Hall magnetoresistance in metastable antiferromagnetic FeMn. <i>AIP Advances</i> , 2018, 8, .	0.6	4
3	Observation of a topologically protected state in a magnetic domain wall stabilized by a ferromagnetic chemical barrier. <i>Scientific Reports</i> , 2018, 8, 16695.	1.6	35
4	Free-layer-thickness-dependence of the spin galvanic effect with spin rotation symmetry. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	10
5	Interface-Generated Spin Currents. <i>Physical Review Letters</i> , 2018, 121, 136805.	2.9	161
6	Switching of Perpendicular Magnetization via ac Spin-Orbit Torque. <i>Physical Review Applied</i> , 2018, 10, .	1.5	3
7	Understanding all-optical spin switching: Comparison between experiment and theory. <i>Modern Physics Letters B</i> , 2018, 32, 1830003.	1.0	9
8	Spin switching in antiferromagnets using Néel-order spin-orbit torques. <i>Chinese Physics B</i> , 2018, 27, 107201.	0.7	2
9	Perspective: Spintronic synapse for artificial neural network. <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	67
10	Efficient spin current generation and suppression of magnetic damping due to fast spin ejection from nonmagnetic metal/indium-tin-oxide interfaces. <i>APL Materials</i> , 2018, 6, 101105.	2.2	16
11	Recent advances in spin-orbit torques: Moving towards device applications. <i>Applied Physics Reviews</i> , 2018, 5, 031107.	5.5	176
12	Tailor-made currents. <i>Nature Materials</i> , 2018, 17, 478-479.	13.3	2
13	Field-Free Programmable Spin Logics via Chirality-Dependent Reversible Spin-Orbit Torque Switching. <i>Advanced Materials</i> , 2018, 30, e1801318.	11.1	91
14	Spin-orbit torques and tunable Dzyaloshinskii-Moriya interaction in Co/Cu/Co trilayers. <i>Physical Review B</i> , 2018, 98, .	1.1	11
15	Observation of Anomalous Spin Torque Generated by a Ferromagnet. <i>Physical Review Applied</i> , 2018, 9, .	1.5	42
16	Spin Logic Devices via Electric Field Controlled Magnetization Reversal by Spin-Orbit Torque. <i>IEEE Electron Device Letters</i> , 2019, 40, 1554-1557.	2.2	69
17	Free Field Electric Switching of Perpendicularly Magnetized Thin Film by Spin Current Gradient. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30446-30452.	4.0	47
18	Anomalous spin-orbit torques in magnetic single-layer films. <i>Nature Nanotechnology</i> , 2019, 14, 819-824.	15.6	130

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19	Field-free spin-orbit torque switching through domain wall motion. Physical Review B, 2019, 100, .	1.1	28
20	Large spin anomalous Hall effect in $\text{Pt}/\text{Co}/\text{HfO}_2$: Symmetry and magnetization switching. Physical Review B, 2019, 100, .	1.1	61
21	Tunable damping-like and field-like spin-orbit-torque in Pt/Co/HfO ₂ films via interfacial charge transfer. Applied Physics Letters, 2019, 115, .	1.5	9
22	Layer-dependent spin-orbit torques generated by the centrosymmetric transition metal dichalcogenide $\text{Pt}/\text{Co}/\text{HfO}_2$. Physical Review B, 2019, 100, .	1.1	61
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38	Effects of Growth Order on Perpendicular Magnetic Anisotropy of Heavy-Metal/Ferromagnet/MgO Trilayered Structures. <i>IEEE Magnetics Letters</i> , 2019, 10, 1-4.	0.6	3
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56	Highly efficient spin-orbit torque in Pt/Co/Ir multilayers with antiferromagnetic interlayer exchange coupling. Physical Review B, 2020, 101, .	1.1	31
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135	Thermal Effect in Current-Induced Magnetization Switching and Out-of-Plane Effective Field Measurements. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2483-2489.	2.0	5
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159	Perspectives of electrically generated spin currents in ferromagnetic materials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126228.	0.9	67
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