

# Current-driven dynamics of chiral ferromagnetic domains

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Citation Report

#	ARTICLE	IF	CITATIONS
3	COOL PLASMA ACTIVATED SURFACE IN SILICON WAFER DIRECT BONDING TECHNOLOGY. Journal De Physique Colloque, 1988, 49, C4-79-C4-82.	0.2	6
4	Nonlinear control of a continuously variable transmission using hyperstability theory. , 1999, , .		6
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6	1999 IEEE Industrial and Commercial Power Systems Technical Conference (Cat. No.99CH36371). , 1999, , .		0
7	An iterative algorithm for the projective registration of free form surfaces. , 0, , .		3
8	Mathematical Description of Linear Dynamical SystemsReceived by the editurs July 7, 1962 and in revised form December 9, 1962.. , 2009, , .		0
9	Chiral domain walls move faster. Nature Nanotechnology, 2013, 8, 485-486.	15.6	37
10	Current-driven domain wall motion along high perpendicular anisotropy multilayers: The role of the Rashba field, the spin Hall effect, and the Dzyaloshinskii-Moriya interaction. Applied Physics Letters, 2013, 103, .	1.5	101
11	A probe for graphene electronics. Nature Nanotechnology, 2013, 8, 802-803.	15.6	2
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13	Chirality from Interfacial Spin-Orbit Coupling Effects in Magnetic Bilayers. Physical Review Letters, 2013, 111, 216601.	2.9	166
14	Nucleation, stability and current-induced motion of isolated magnetic skyrmions in nanostructures. Nature Nanotechnology, 2013, 8, 839-844.	15.6	1,387
15	Tailoring the chirality of magnetic domain walls by interface engineering. Nature Communications, 2013, 4, 2671.	5.8	312
16	Domain Wall Tilting in the Presence of the Dzyaloshinskii-Moriya Interaction in Out-of-Plane Magnetized Magnetic Nanotracks. Physical Review Letters, 2013, 111, 217203.	2.9	192
17	Skyrmion confinement in ultrathin film nanostructures in the presence of Dzyaloshinskii-Moriya interaction. Physical Review B, 2013, 88, .	1.1	767
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19	Magnetotransport measurements of current induced effective fields in Ta/CoFeB/MgO. Applied Physics Letters, 2013, 103, .	1.5	30
20	Spin-wave propagation in the presence of interfacial Dzyaloshinskii-Moriya interaction. Physical Review B, 2013, 88, .	1.1	267

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22	Stability analysis of current-driven domain wall in the presence of spin Hall effect. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	8
23	Current-induced torques and interfacial spin-orbit coupling. <i>Physical Review B</i> , 2013, 88, .	1.1	121
24	Electric field induced domain-wall dynamics: Depinning and chirality switching. <i>Physical Review B</i> , 2013, 88, .	1.1	6
25	Dynamical properties of three terminal magnetic tunnel junctions: Spintronics meets spin-orbitronics. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	18
26	Spin Hall effect induced by Bi impurities in Cu: Skew scattering and side-jump. <i>Physical Review B</i> , 2013, 88, .	1.1	17
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1365	Field-Free Type- <i>x</i> Spin-Orbit-Torque Switching by Easy-Axis Engineering. Physical Review Applied, 2022, 18, .	1.5	1
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