

Magnetic antiskyrmions above room temperature in tetraferriphthalocyanine

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stabilization and current-induced motion of antiskyrmion in the presence of anisotropic Dzyaloshinskii-Moriya interaction. <i>Physical Review B</i> , 2017, 96, .	1.1	91
2	Antiskyrmions stabilized at interfaces by anisotropic Dzyaloshinskii-Moriya interactions. <i>Nature Communications</i> , 2017, 8, 308.	5.8	182
3	A nontrivial crossover in topological Hall effect regimes. <i>Scientific Reports</i> , 2017, 7, 17204.	1.6	25
4	Skyrmion dynamics in a frustrated ferromagnetic film and current-induced helicity locking-unlocking transition. <i>Nature Communications</i> , 2017, 8, 1717.	5.8	147
5	Creation and Annihilation of Skyrmions in the Frustrated Magnets with Competing Exchange Interactions. <i>Scientific Reports</i> , 2017, 7, 16079.	1.6	22
6	Skyrmion robustness in noncentrosymmetric magnets with axial symmetry: The role of anisotropy and tilted magnetic fields. <i>Physical Review B</i> , 2017, 96, .	1.1	59
7	Inducing skyrmions in ultrathin Fe films by hydrogen exposure. <i>Nature Communications</i> , 2018, 9, 1571.	5.8	40
8	Dzyaloshinskii-Moriya interaction in Pt/Co/Ir and Pt/Co/Ru multilayer films. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	27
9	Micromagnetics of antiskyrmions in ultrathin films. <i>Physical Review B</i> , 2018, 97, .	1.1	52
10	Topological properties and functionalities in oxide thin films and interfaces. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 143001.	1.3	28
11	Spin-resolved inelastic electron scattering by spin waves in noncollinear magnets. <i>Physical Review B</i> , 2018, 97, .	1.1	31
12	Neutron diffractive imaging of the skyrmion lattice nucleation in MnSi. <i>Physical Review B</i> , 2018, 97, .	1.1	15
13	Chirality in Magnetic Multilayers Probed by the Symmetry and the Amplitude of Dichroism in X-Ray Resonant Magnetic Scattering. <i>Physical Review Letters</i> , 2018, 120, 037202.	2.9	59
14	Low-Field Bi-Skyrmion Formation in a Noncentrosymmetric Chimney Ladder Ferromagnet. <i>Physical Review Letters</i> , 2018, 120, 037203.	2.9	25
15	Chemical Pressure Stabilization of the Cubic B20 Structure in Skyrmion Hosting Fe _x Co _x Ge Alloys. <i>Chemistry of Materials</i> , 2018, 30, 1146-1154.	3.2	21
16	Modulated spin orbit torque in a Pt/Co/Pt/YIG multilayer by nonequilibrium proximity effect. <i>Applied Physics Letters</i> , 2018, 112, 022402.	1.5	6
17	Creation of Single Chain of Nanoscale Skyrmion Bubbles with Record-High Temperature Stability in a Geometrically Confined Nanostripe. <i>Nano Letters</i> , 2018, 18, 1274-1279.	4.5	62
18	Direct evidence for cycloidal modulations in the thermal-fluctuation-stabilized spin spiral and skyrmion states of GaV ₄ S ₈ . <i>Physical Review B</i> , 2018, 97, .	1.4	28

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19	Magnetoentropic signatures of skyrmionic phase behavior in FeGe. <i>Physical Review B</i> , 2018, 97, .	1.1	41
20	Wave nature and metastability of emergent crystals in chiral magnets. <i>Communications Physics</i> , 2018, 1, .	2.0	9
21	Structure, Magnetism, and Electronic Properties of Inverse Heusler Alloy Ti ₂ CoAl/MgO(100) Heterojunction: The Role of Interfaces. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2336.	1.3	6
22	Proposal for a micromagnetic standard problem for materials with Dzyaloshinskiiâ€Moriya interaction. <i>New Journal of Physics</i> , 2018, 20, 113015.	1.2	35
23	Multiple- q noncollinear magnetism in an itinerant hexagonal magnet. <i>Science Advances</i> , 2018, 4, eaau3402.	4.7	47
24	Observation of room-temperature magnetic skyrmions in Pt/Co/W structures with a large spin-orbit coupling. <i>Physical Review B</i> , 2018, 98, .	1.1	25
25	Exchange-anisotropy-induced intrinsic distortion, structural transition, and rotational transition in skyrmion crystals. <i>Physical Review B</i> , 2018, 98, .	1.1	6
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27	Collective antiskyrmion-mediated phase transition and defect-induced melting in chiral magnetic films. <i>Scientific Reports</i> , 2018, 8, 16675.	1.6	8
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41	Readable racetrack memory via ferromagnetically coupled chiral domain walls. Applied Physics Letters, 2018, 113, .	1.5	4
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