

Layer-dependent ferromagnetism in a van der Waals cry

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Magnetism in flatland. Nature, 2017, 546, 216-217.	13.7	106
3	On the origin of magnetic anisotropy in two dimensional CrI ₃ . 2D Materials, 2017, 4, 035002.	2.0	524
4	Magnetic Skyrmionic Polarons. Nano Letters, 2017, 17, 7358-7363.	4.5	7
5	Renormalization of the quasiparticle band gap in doped two-dimensional materials from many-body calculations. Physical Review B, 2017, 96, .	1.1	69
6	Assessing the performance of the random phase approximation for exchange and superexchange coupling constants in magnetic crystalline solids. Physical Review B, 2017, 96, .	1.1	19
7	Characterization of highly crystalline lead iodide nanosheets prepared by room-temperature solution processing. Nanotechnology, 2017, 28, 455703.	1.3	45
8	Materials, Devices and Spin Transfer Torque in Antiferromagnetic Spintronics: A Concise Review. Spin, 2017, 07, 1740014.	0.6	6
9	Theoretical Design of Robust Ferromagnetism and Bipolar Semiconductivity in Graphene-Based Nanorods. Journal of Physical Chemistry C, 2017, 121, 24824-24830.	1.5	5
10	Hydrogen functionalization induced two-dimensional ferromagnetic semiconductor in Mn di-halide systems. Physical Chemistry Chemical Physics, 2017, 19, 29516-29524.	1.3	9
11	Robust 2D Room-Temperature Dilute Ferrimagnetism Enhancement in Freestanding Ammoniated Atom-Thin [0001] h-BN Nanoplates. ACS Applied Materials & Interfaces, 2017, 9, 39626-39634.	4.0	17
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14	A review on low dimensional metal halides: Vapor phase epitaxy and physical properties. Journal of Materials Research, 2017, 32, 3992-4024.	1.2	18
15	Two-Dimensional Magnetic Semiconductor in Ferroxyhyte. ACS Applied Materials & Interfaces, 2017, 9, 35368-35375.	4.0	14
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17	Magnetic Proximity Effects in Transition-Metal Dichalcogenides: Converting Excitons. Physical Review Letters, 2017, 119, 127403.	2.9	111
18	Electrically Controllable Magnetism in Twisted Bilayer Graphene. Physical Review Letters, 2017, 119, 107201.	2.9	114
19	Exfoliation and van der Waals heterostructure assembly of intercalated ferromagnet Cr _{1/3} TaS ₂ . 2D Materials, 2017, 4, 041007.	2.0	41

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22	Single-layer metal halides MX_2 (X = Cl, Br, I): stability and tunable magnetism from first principles and Monte Carlo simulations. Journal of Materials Chemistry C, 2017, 5, 8734-8741.	2.7	231
23	Anomalous Hall effect and magnetic orderings in nanothick V_5S_8 . Physical Review B, 2017, 96, .	1.1	43
24	Enhancing the perpendicular magnetic anisotropy of 1T-FeCl ₂ monolayer by applying strain: first-principles study. Journal of Magnetism and Magnetic Materials, 2017, 444, 184-189.	1.0	25
25	Computational methods for 2D materials: discovery, property characterization, and application design. Journal of Physics Condensed Matter, 2017, 29, 473001.	0.7	55
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31	Tuning the Spin-Alignment of Interstitial Electrons in Two-Dimensional Y_2C Electride via Chemical Pressure. Journal of the American Chemical Society, 2017, 139, 17277-17280.	6.6	33
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36	Robust ferromagnetism and half-metallicity in fluorinated two-dimensional BeN ₂ sheets. Applied Physics Letters, 2017, 111, .	1.5	8
37	Floquet topological magnons. Journal of Physics Communications, 2017, 1, 021002.	0.5	38

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39	Effects of hydrostatic pressure on spin-lattice coupling in two-dimensional ferromagnetic Cr ₂ Ge ₂ Te ₆ . Applied Physics Letters, 2018, 112, .	1.5	94
40	Spin friction in two-dimensional antiferromagnetic crystals. Physical Review B, 2018, 97, .	1.1	7
41	Fabrication of thin films of two-dimensional triangular antiferromagnet Ag ₂ CrO ₂ and their transport properties. AIP Advances, 2018, 8, .	0.6	6
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49	2D magnetism gets hot. Nature Nanotechnology, 2018, 13, 269-269.	15.6	12
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75	Giant tunneling magnetoresistance in spin-filter van der Waals heterostructures. <i>Science</i> , 2018, 360, 1214-1218.	6.0	871
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147	Importance of Paramagnetic Background Subtraction for Determining the Magnetic Moment in Epitaxially Grown Ultrathin van der Waals Magnets. <i>IEEE Magnetics Letters</i> , 2018, 9, 1-5.	0.6	11
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168	Stepping Stone Mechanism: Carrier-Free Long-Range Magnetism Mediated by Magnetized Cation States in Quintuple Layer. <i>Chinese Physics Letters</i> , 2018, 35, 017502.	1.3	6
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1815	<p>width="4pt" /><mml:mo></mml:mo><mml:mrow><mml:mi>X</mml:mi><mml:mo>=</mml:mo><mml:mrow><mml:mi>Si</mml:mi><mml:mspace></mml:mspace></mml:mrow></mml:math></p> <p>Physical Review Materials, 2019, 3, .</p>	0.9	53
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1822	<p>Crystal structures and phase transitions of the van der Waals ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>F</mml:mi><mml:msub><mml:mi>e</mml:mi><mml:msub><mml:mn>0.26</mml:mn></mml:msub></mml:mrow></mml:math></p> <p>Physical Review Materials, 2019, 3, .</p>	0.9	29
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1828	<p>Compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>MnS</mml:mi><mml:msub><mml:mi>B</mml:mi><mml:msub><mml:mn>1.8</mml:mn></mml:msub></mml:mrow></mml:math></p> <p>Physical Review Materials, 2020, 4, .</p>	0.9	21
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