

On the origin of magnetic anisotropy in two dimensions

2D Materials

4, 035002

DOI: [10.1088/2053-1583/aa75ed](https://doi.org/10.1088/2053-1583/aa75ed)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Intrinsic Dirac half-metal and quantum anomalous Hall phase in a hexagonal metal-oxide lattice. Physical Review B, 2017, 96, .	1.1	161
2	Emergence of ferrimagnetic half-metallicity in two-dimensional MXene Mo ₃ N ₂ F ₂ . Applied Physics Letters, 2017, 111, .	1.5	30
3	Floquet topological magnons. Journal of Physics Communications, 2017, 1, 021002.	0.5	38
4	Analysis of electrical-field-dependent Dzyaloshinskii-Moriya interaction and magnetocrystalline anisotropy in a two-dimensional ferromagnetic monolayer. Physical Review B, 2018, 97, .	1.1	79
5	Elastic gauge fields and Hall viscosity of Dirac magnons. Physical Review B, 2018, 97, .	1.1	23
6	Critical behavior of two-dimensional intrinsically ferromagnetic semiconductor CrI ₃ . Applied Physics Letters, 2018, 112, .	1.5	47
7	Three-dimensional magnetic critical behavior in CrI_3 . Physical Review B, 2018, 97, .	1.1	96
8	Dirac Magnons in Honeycomb Ferromagnets. Physical Review X, 2018, 8, .	2.8	106
9	Strain tuned magnetocrystalline anisotropy in ferromagnetic H-FeCl ₂ monolayer. Solid State Communications, 2018, 271, 66-70.	0.9	17
10	Probing magnetism in 2D van der Waals crystalline insulators via electron tunneling. Science, 2018, 360, 1218-1222.	6.0	668
11	Controlling Magnetic and Optical Properties of the van der Waals Crystal CrCl ₃ Br via Mixed Halide Chemistry. Advanced Materials, 2018, 30, e1801325.	11.1	100
12	Half-metallicity and enhanced ferromagnetism in Li-adsorbed ultrathin chromium triiodide. Journal of Materials Chemistry C, 2018, 6, 5716-5720.	2.7	71
13	Ferromagnetism in magnesium chloride monolayer with an unusually large spin-up gap. Nanoscale, 2018, 10, 22280-22292.	2.8	26
14	Topological Spin Excitations in Honeycomb Ferromagnet CrI_3 . Physical Review X, 2018, 8, .	2.8	188
15	Long range intrinsic ferromagnetism in two dimensional materials and dissipationless future technologies. Applied Physics Reviews, 2018, 5, .	5.5	119
16	Interplay between Kitaev interaction and single ion anisotropy in ferromagnetic CrI ₃ and CrGeTe ₃ monolayers. Npj Computational Materials, 2018, 4, .	3.5	226
17	Intrinsic Quantum Anomalous Hall Effect with In-Plane Magnetization: Searching Rule and Material Prediction. Physical Review Letters, 2018, 121, 246401.	2.9	95
18	Raman fingerprint of two terahertz spin wave branches in a two-dimensional honeycomb Ising ferromagnet. Nature Communications, 2018, 9, 5122.	5.8	97

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19	Strain-tunable magnetic anisotropy in monolayer CrCl_3 and CrBr_3 . Physical Review B, 2018, 98, .	1.1	405
20	Tunable magnetic/topological insulating phases in monolayer CrI_3 . Physical Review B, 2018, 98, .	1.1	33
21	Magnetism in two-dimensional van der Waals materials. Nature, 2018, 563, 47-52.	13.7	994
22	Lattice dynamics and phase transition in single crystals. Physical Review B, 2018, 98, .	1.1	1
23	Atomically dispersed tungsten on metal halide monolayer as a ferromagnetic Chern insulator. Physical Review B, 2018, 98, .	1.1	5
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33	Proximity exchange effects in MoSe_2 and WSe_2 heterostructures with CrI_3 . Physical Review B, 2019, 100, .	1.1	113
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36	Layer-dependent intrinsic anomalous Hall effect in Fe_3Br_2 . Physical Review B, 2019, 100, .	1.1	10

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58	Catalytic Spin Valve Based on the Two-Dimensional $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"} \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Cr} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle / \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"} \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Cr} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	1.5	37
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