

Microscopic origin of ferromagnetism in the trihalides  $\langle \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML">$   
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Physical Review B

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Electronic structure and magnetic properties of few-layer Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> : the key role of nonlocal electron-electron interaction effects. 2D Materials, 2019, 6, 045042.	2.0	36
2	Interplay between interlayer exchange and stacking in CrI <sub>3</sub> bilayers. Solid State Communications, 2019, 299, 113662.	0.9	132
3	Theory and simulations of critical temperatures in CrI <sub>3</sub> and other 2D materials: easy-axis magnetic order and easy-plane Kosterlitz-Thouless transitions. MRS Communications, 2019, 9, 1142-1150.	0.8	39
4	Giant contribution of the ligand states to the magnetic properties of the Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> monolayer. Physical Chemistry Chemical Physics, 2019, 21, 9597-9604.	1.3	13
5	Relativistic exchange interactions in Cr <sub>3</sub> (Cr <sub>3</sub> X <sub>3</sub> ) <sub>2</sub> (X = Cl, Br, I). Physical Review B, 2020, 102, .	1.5	8
6	Iodine orbital moment and chromium anisotropy contributions to CrI <sub>3</sub> magnetism. Applied Physics Letters, 2020, 117, 022411.	1.5	8
7	Anisotropic magnetocaloric effect and critical behavior in CrCl <sub>3</sub> . Physical Review B, 2020, 102, .	1.1	7
8	Magnetic Two-Dimensional Chromium Trihalides: A Theoretical Perspective. Nano Letters, 2020, 20, 6225-6234.	4.5	103
9	Mott localization in the van der Waals crystal CrI <sub>3</sub> : A first-principles study. Physical Review B, 2020, 102, .	1.1	7
10	Tunable magnetic anisotropy in Cr <sub>3</sub> trihalide Janus monolayers. Journal of Physics Condensed Matter, 2020, 32, 355702.	0.7	21
11	Orbitally-resolved ferromagnetism of monolayer CrI <sub>3</sub> . 2D Materials, 2020, 7, 025036.	2.0	68
12	Spectroscopic Determination of Key Energy Scales for the Base Hamiltonian of Chromium Trihalides. Journal of Physical Chemistry Letters, 2021, 12, 724-731.	2.1	3
13	Electron correlation effects on exchange interactions and spin excitations in 2D van der Waals materials. Npj Computational Materials, 2021, 7, .	3.5	42
14	Engineering the ligand states by surface functionalization: a new way to enhance the ferromagnetism of CrI <sub>3</sub> . Nanoscale, 2021, 13, 4821-4827.	2.8	3
15	Spin-crossover induced ferromagnetism and layer stacking-order change in pressurized 2D antiferromagnet MnPS <sub>3</sub> . Physical Chemistry Chemical Physics, 2021, 23, 9679-9685.	1.3	16
16	Magnon relaxation time in ferromagnetic Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> monolayer governed by magnon-phonon interaction. Applied Physics Letters, 2021, 118, .	1.5	11
17	Large cross-polarized Raman signal in CrI <sub>3</sub> : A first-principles study. Physical Review Materials, 2021, 5, .	0.9	6
18	Magnetoelectric Response of Antiferromagnetic CrI <sub>3</sub> Bilayers. Nano Letters, 2021, 21, 1948-1954.	4.5	23

#	ARTICLE	IF	CITATIONS
19	Exchange interactions and magnetic force theorem. Physical Review B, 2021, 103, . <a href="#">Strength of effective Coulomb interaction in two-dimensional transition-metal halides</a> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>M</mml:mi><mml:msub><mml:mi>X</mml:mi></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>M</mml:mi><mml:msub><mml:mi>X</mml:mi></mml:msub></mml:mrow></mml:math>	1.1	24

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37	<i>Ab initio</i> calculation of the effective Coulomb interactions in $\dots$		

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