

Bulk properties of the van der Waals hard ferromagnet
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Citation Report

#	ARTICLE	IF	CITATIONS
1	Hard ferromagnetic van-der-Waals metal (Fe,Co) ₃ GeTe ₂ : a new platform for the study of low-dimensional magnetic quantum criticality. Journal of Physics Condensed Matter, 2019, 31, 50LT01.	1.8	15
2	Switching 2D magnetic states via pressure tuning of layer stacking. Nature Materials, 2019, 18, 1298-1302.	27.5	358
3	Multiple ferromagnetic transitions and structural distortion in the van der Waals ferromagnet Vl_3 ambient and finite pressures. Physical Review B, 2019, 100, .	3.2	33
4	Anisotropic magnetic entropy change in the hard ferromagnetic semiconductor Vl_3 . Physical Review B, 2019, 99, .	3.2	29
5	Chemical disorder and spin-liquid-like magnetism in the van der Waals layered transition metal halide VO_5 . Physical Review B, 2019, 99, .	3.2	18
6	Effect of hydrostatic pressure on ferromagnetism in two-dimensional CrI_3 . Physical Review B, 2019, 99, .	3.2	38
7	Vl_3 – a New Layered Ferromagnetic Semiconductor. Advanced Materials, 2019, 31, e1808074.	21.0	157
8	Tuning Magnetism in Layered Magnet Vl_3 : A Theoretical Study. Journal of Physical Chemistry C, 2019, 123, 30545-30550.	3.1	37
9	Discovery of twin orbital-order phases in ferromagnetic semiconducting Vl_3 monolayer. Physical Chemistry Chemical Physics, 2020, 22, 512-517.	2.8	29
10	Vanadium dopant- and strain-dependent magnetic properties of single-layer VI_3 . Applied Surface Science, 2020, 508, 144937.	6.1	30
11	Ferromagnetic Semiconducting Vl_3 Single-Chain Nanowire. Journal of Physical Chemistry C, 2020, 124, 2096-2103.	3.1	7
12	Valence band electronic structure of the van der Waals ferromagnetic insulators: VI_3 and CrI_3 . Scientific Reports, 2020, 10, 15602.	3.3	20
13	Two-dimensional ferromagnetic semiconductor VBr_3 with tunable anisotropy. Journal of Materials Chemistry C, 2020, 8, 14782-14788.	5.5	16
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15	Ferroic orders in two-dimensional transition/rare-earth metal halides. APL Materials, 2020, 8, .	5.1	27
16	Cleavable magnetic materials from van der Waals layered transition metal halides and chalcogenides. Journal of Applied Physics, 2020, 128, .	2.5	29
17	Short-Range Order in Vl_3 . Inorganic Chemistry, 2020, 59, 16265-16271.	4.0	2
18	Observation of plateau-like magnetoresistance in twisted Fe_3GeTe_2/Fe_3GeTe_2 junction. Journal of Applied Physics, 2020, 128, .	2.5	15

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20	Emergent phenomena and proximity effects in two-dimensional magnets and heterostructures. Nature Materials, 2020, 19, 1276-1289.	27.5	213
21	Imaging Domain Reversal in an Ultrathin Van der Waals Ferromagnet. Advanced Materials, 2020, 32, e2003314.	21.0	47
22	Spin waves in the two-dimensional honeycomb lattice XXZ-type van der Waals antiferromagnet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{CoPS} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2020, 102, .	3.2	29
23	Enhancement of ferromagnetism for VI ₃ monolayer. Applied Surface Science, 2020, 524, 146490.	6.1	14
24	Role of nonlocality in exchange correlation for magnetic two-dimensional van der Waals materials. Physical Review B, 2020, 101, .	3.2	22
25	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{VI} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$: A two-dimensional Ising ferromagnet. Physical Review B, 2020, 101, .	3.2	22
26	Raman scattering study of two-dimensional magnetic van der Waals compound VI ₃ . Chinese Physics B, 2020, 29, 056301.	1.4	10
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29	Stacking-Independent Ferromagnetism in Bilayer VI ₃ with Half-Metallic Characteristic. Journal of Physical Chemistry Letters, 2020, 11, 2158-2164.	4.6	28
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34	Dynamical correlation enhanced orbital magnetization in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{VI} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2021, 103, .	3.2	27
35	Pressure-induced large increase of Curie temperature of the van der Waals ferromagnet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{V} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{I} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2021, 103, .	3.2	27
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56	Tunable electronic structure and magnetic characteristics of two-dimensional graphyne/ VI_3 van der Waals heterostructures. Superlattices and Microstructures, 2021, 160, 107081.	3.1	6
57	Magnetism and Its Structural Coupling Effects in 2D Ising Ferromagnetic Insulator VI_3 . Nano Letters, 2021, 21, 9180-9186.	9.1	28
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61	Magnetism, symmetry and spin transport in van der Waals layered systems. Nature Reviews Physics, 2022, 4, 150-166.	26.6	72
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64	First-principles calculation of the effective Coulomb interactions in VI_3 .		

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82	Preparation and Characterization of Francisite Solid Solutions $\text{Cu}_3\text{Bi}(\text{Se}_{1-x}\text{Te}_x)_2\text{O}_6\text{Br}$ ($x = 0 \leq 1$): Possibility for Francisites as Starting Materials for Oxide van der Waals	6.7	2
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