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Nitrogen-doping induces tunable magnetism in ReS₂

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#	Paper	IF	Citations
21	Biaxial Strain-Mediated Room Temperature Ferromagnetism of ReS ₂ Web Buckles. <i>Advanced Electronic Materials</i> , 2019 , 5, 1900814	6.4	5
20	Defect-related high temperature ferromagnetism in mechanically milled hexagonal boron nitride nanoplates. <i>Applied Surface Science</i> , 2019 , 487, 825-832	6.7	4
19	Melamine-assisted synthesis of nitrogen-doped ReS ₂ nanosheets/carbon composites. <i>Materials Letters</i> , 2019 , 243, 42-45	3.3	9
18	Novel Insights and Perspectives into Weakly Coupled ReS ₂ toward Emerging Applications. <i>Chem</i> , 2019 , 5, 505-525	16.2	33
17	High Coercivity and Magnetization in WSe by Codoping Co and Nb. <i>Small</i> , 2020 , 16, e1903173	11	21
16	CrAs Monolayer: Low Buckled 2D Half-Metal Ferromagnet. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020 , 14, 1900509	2.5	3
15	Robust ferromagnetism in Cr-doped ReS nanosheets demonstrated by experiments and density functional theory calculations. <i>Nanotechnology</i> , 2020 , 31, 175702	3.4	3
14	Magneto-optic effect of two-dimensional materials and related applications. <i>Nano Select</i> , 2020 , 1, 298-310	3.0	11
13	Engineering the electronic structure of 1T'-ReS ₂ through nitrogen implantation for enhanced alkaline hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11607-11616	13	16
12	Magnetic Enhancement for Hydrogen Evolution Reaction on Ferromagnetic MoS Catalyst. <i>Nano Letters</i> , 2020 , 20, 2923-2930	11.5	55
11	Doping-Driven Antiferromagnetic to Ferromagnetic Phase Transition in Tetragonal Cr ₂ B ₂ Monolayer. <i>Physica Status Solidi (B): Basic Research</i> , 2021 , 258, 2000396	1.3	3
10	Substitutional doping in 2D transition metal dichalcogenides. <i>Nano Research</i> , 2021 , 14, 1668-1681	10	29
9	Strain-driven phase transition and spin polarization of Re-doped transition-metal dichalcogenides. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 9962-9970	3.6	
8	Enhancing Ferromagnetism and Tuning Electronic Properties of CrI Monolayers by Adsorption of Transition-Metal Atoms. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 21593-21601	9.5	6
7	Tunable ferromagnetic ordering in phosphorus adsorbed ReS nanosheets. <i>Nanotechnology</i> , 2021 , 32, 075701	3.4	1
6	Oxygen Coverage Effect on the Magnetic Properties of the Cr ₂ NO _x (0 ≤ x ≤ 2) MXene. <i>ACS Applied Electronic Materials</i> ,	4	1
5	The High Coercivity Field in Chemically Bonded WSe/MoSe Powder.. <i>Nanomaterials</i> , 2021 , 11,	5.4	0

4	Designing Electrophilic and Nucleophilic Dual Centers in the ReS Plane toward Efficient Bifunctional Catalysts for Li-CO Batteries.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	12
3	Large-gap quantum anomalous Hall states induced by functionalizing buckled Bi-III monolayer/ Al ₂ O ₃ . 2022 , 106,		0
2	Recent Progress in Research on Ferromagnetic Rhenium Disulfide. 2022 , 12, 3451		0
1	Room Temperature Ferromagnetism in Hydrogenated Janus CrSSe Monolayer Using Quantum Monte Carlo Simulation.		1