

# J-M He

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

152  
citations

1307594

7  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Weak ferromagnetism in perovskite oxides. Physical Review B, 2020, 102, .	3.2	29
2	Dimer rattling mode induced low thermal conductivity in an excellent acoustic conductor. Nature Communications, 2020, 11, 5197.	12.8	27
3	Dimensional reduction and ionic gating induced enhancement of superconductivity in atomically thin crystals of $2\text{H-TaSe}_2$ . Nanotechnology, 2019, 30, 035702.	2.6	17
4	Lithium ion intercalation in thin crystals of hexagonal $\text{TaSe}_2$ gated by a polymer electrolyte. Applied Physics Letters, 2018, 112, 023502.	3.3	16
5	Existence of electron and hole pockets and partial gap opening in the correlated semimetal $\text{Ca}_3\text{Ru}_2\text{O}_7$ . Physical Review B, 2019, 100, 040402.	3.2	14
6	Ion intercalation engineering of electronic properties of two-dimensional crystals of $2\text{H}\alpha\text{-TaSe}_2$ . Physical Review Materials, 2019, 3, .	2.4	13
7	Evidence for spin swapping in an antiferromagnet. Nature Physics, 2022, 18, 800-805.	16.7	12
8	Emergence of a competing stripe phase near the Mott transition in Ti-doped bilayer calcium ruthenates. Physical Review B, 2020, 101, .	3.2	6
9	Band dependence of charge density wave in quasi-one-dimensional $\text{Ta}_2\text{NiSe}_7$ probed by orbital magnetoresistance. Applied Physics Letters, 2017, 111, .	3.3	5
10	Angle-dependent magnetoresistance as a sensitive probe of the charge density wave in quasi-one-dimensional semimetal $\text{Ta}_2\text{NiSe}_7$ . Applied Physics Letters, 2018, 113, .	3.3	5
11	Synthesis and Characterization of a Binuclear Copper(II)-dipyrimethyrin Complex: $[\text{Cu}_2(\text{dipyrimethyrin})(\hat{1}^1/42-1,1\text{-acetato})_2]$ . Molecules, 2020, 25, 1446.	3.8	5
12	Strongly correlated electrons in the ferroelectric metal $\text{LiOs}_3\text{O}_{10}$ . Physical Review B, 2021, 104, .	3.2	2
13	Spin-phonon interaction in yttrium iron garnet. Physical Review B, 2021, 104, .	3.2	1