

Jaewook Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11592674/publications.pdf>

Version: 2024-02-01

9
papers

256
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature and evolution of incommensurate charge order in manganites visualized with cryogenic scanning transmission electron microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1445-1450.	7.1	68
2	Image registration of low signal-to-noise cryo-STEM data. Ultramicroscopy, 2018, 191, 56-65.	1.9	59
3	Bending and breaking of stripes in a charge ordered manganite. Nature Communications, 2017, 8, 1883.	12.8	51
4	Two-dimensional spin liquid behaviour in the triangular-honeycomb antiferromagnet TbInO ₃ . Nature Physics, 2019, 15, 262-268.	16.7	47
5	Spin Liquid State and Topological Structural Defects in Hexagonal $TbInO_3$. Physical Review X, 2019, 9, .	8.9	14
6	Nonequivalent Spin Exchanges of the Hexagonal Spin Lattice Affecting the Low-Temperature Magnetic Properties of $RInO_3$ (R = Gd, Tb, Dy): Importance of Spin-Orbit Coupling for Spin Exchanges between Rare-Earth Cations with Nonzero Orbital Moments. Inorganic Chemistry, 2018, 57, 9260-9265.	4.0	11
7	Crystal-field excitations and vibronic modes in the triangular-lattice spin-liquid candidate $TbInO_3$. Physical Review B, 2021, 104, .	0.2	0
8	Atomic Scale Tracking of a Charge Order Transition with Continuously Variable Temperature Cryo-STEM. Microscopy and Microanalysis, 2020, 26, 2034-2035.	0.4	0
9	Tracking motion of topological defects in a stripe charge-ordered phase with continuously variable temperature cryo-STEM. Microscopy and Microanalysis, 2021, 27, 924-926.	0.4	0