

Andrej Pustogow

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

943
citations

516710

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37
docs citations

37
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic terahertz resonances above the Néel temperature in the frustrated kagome antiferromagnet averievite. <i>Physical Review B</i> , 2022, 105, .	3.2	3
2	Thirty-Year Anniversary of $\hat{\rho}$ -(BEDT-TTF) $_2$ Cu $_2$ (CN) $_3$: Reconciling the Spin Gap in a Spin-Liquid Candidate. <i>Solids</i> , 2022, 3, 93-110.	2.4	14
3	Anderson transition in stoichiometric Fe $_2$ VAl: high thermoelectric performance from impurity bands. <i>Nature Communications</i> , 2022, 13, .	12.8	15
4	Chemical tuning of molecular quantum materials $\hat{\rho}$ -[(BEDT-TTF) $_x$ (BEDT-STF) $_x$] $_2$ Cu $_2$ (CN) $_3$: from the Mott-insulating quantum spin liquid to metallic Fermi liquid. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10841-10850.	5.5	8
5	Phase coexistence at the first-order Mott transition revealed by pressure-dependent dielectric spectroscopy of $\langle \text{mml:math} \rangle$		

#	ARTICLE	IF	CITATIONS
19	Tuning of a Kagome Magnet: Insulating Ground State in Ga ³⁺ -Substituted Cu ₄ (OH) ₆ Cl ₂ . Physica Status Solidi (B): Basic Research, 2019, 256, 1800663.	1.5	7
20	Transition of a pristine Mott insulator to a correlated Fermi liquid: Pressure-dependent optical investigations of a quantum spin liquid. Physical Review B, 2019, 99, .	3.2	6
21	Electrodynamics of quantum spin liquids. Journal of Physics Condensed Matter, 2018, 30, 203001.	1.8	19
22	Internal strain tunes electronic correlations on the nanoscale. Science Advances, 2018, 4, eaau9123.	10.3	24
23	Weak ferromagnetism and glassy state in Cu_2O . Physical Review B, 2018, 98, .	3.2	11
24	Importance of van der Waals interactions and cation-anion coupling in an organic quantum spin liquid. Physical Review B, 2018, 97, .	3.2	11
25	Quantum spin liquids unveil the genuine Mott state. Nature Materials, 2018, 17, 773-777.	27.5	61
26	Low-Energy Excitations in Quantum Spin Liquids Identified by Optical Spectroscopy. Physical Review Letters, 2018, 121, 056402.	7.8	13
27	Structural and Electronic Properties of (TMTTF) ₂ X Salts with Tetrahedral Anions. Crystals, 2018, 8, 121.	2.2	17
28	Electrodynamics in Organic Dimer Insulators Close to Mott Critical Point. Crystals, 2018, 8, 190.	2.2	17
29	Detuning the honeycomb of Cu_2O . Pressure-dependent optical studies reveal broken symmetry. Physical Review B, 2018, 97, .	3.2	11
30	Raman spectroscopy evidence of domain walls in the organic electronic ferroelectrics TMTTF_2X . width="0.16em"		

#	ARTICLE	IF	CITATIONS
37	Multi-Center Magnon Excitations Open the Entire Brillouin Zone to Terahertz Magnetometry of Quantum Magnets. Advanced Quantum Technologies, 0, , 2200023.	3.9	2