

Yejun Feng

List of Publications by Year in descending order

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39
papers

902
citations

430874

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30
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40
all docs

40
docs citations

40
times ranked

1670
citing authors

#	ARTICLE	IF	CITATIONS
1	A continuous metal-insulator transition driven by spin correlations. Nature Communications, 2021, 12, 2779.	12.8	7
2	Magnetic order, disorder, and excitations under pressure in the Mott insulator $\text{Sr}_2\text{VO}_2\text{F}_2$. Physical Review B, 2021, 104, .	12.8	21
3	Approaching the quantum critical point in a highly correlated all-in-all-out antiferromagnet. Physical Review B, 2020, 101, .	3.2	9
4	Antisymmetric linear magnetoresistance and the planar Hall effect. Nature Communications, 2020, 11, 216.	12.8	21
5	Optical Raman measurements of low frequency magnons under high pressure. Review of Scientific Instruments, 2020, 91, 113902.	1.3	5
6	Linear magnetoresistance in the low-field limit in density-wave materials. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11201-11206.	7.1	34
7	X-ray magnetic diffraction under high pressure. IUCr, 2019, 6, 507-520.	2.2	6
8	Strongly-coupled quantum critical point in an all-in-all-out antiferromagnet. Nature Communications, 2018, 9, 2953.	12.8	12
9	Multiple superconducting states induced by pressure in $\text{Mo}_6\text{S}_8\text{I}_2$. Physical Review B, 2017, 95, .	12.8	32
10	Spiral magnetic order and pressure-induced superconductivity in transition metal compounds. Nature Communications, 2016, 7, 13037.	12.8	32
11	Pressure-induced collapsed-tetragonal phase in SrCo_2As_2 . Physical Review B, 2015, 92, .	3.2	16
12	Sub-Kelvin magnetic and electrical measurements in a diamond anvil cell with <i>in situ</i> tunability. Review of Scientific Instruments, 2015, 86, 093901.	1.3	7
13	Direct probe of Fermi surface evolution across a pressure-induced quantum phase transition. Physical Review B, 2015, 91, .	3.2	6
14	Itinerant density wave instabilities at classical and quantum critical points. Nature Physics, 2015, 11, 865-871.	16.7	31
15	A compact bellows-driven diamond anvil cell for high-pressure, low-temperature magnetic measurements. Review of Scientific Instruments, 2014, 85, 033901.	1.3	15
16	Hidden one-dimensional spin modulation in a three-dimensional metal. Nature Communications, 2014, 5, 4218.	12.8	12
17	Evolution of incommensurate spin order with magnetic field and temperature in the itinerant antiferromagnet GdSi . Physical Review B, 2013, 88, .	3.2	11
18	Charge transfer and multiple density waves in the rare earth tellurides. Physical Review B, 2013, 87, .	3.2	46

#	ARTICLE	IF	CITATIONS
19	Incommensurate antiferromagnetism in a pure spin system via cooperative organization of local and itinerant moments. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3287-3292.	7.1	29
20	Four-probe electrical measurements with a liquid pressure medium in a diamond anvil cell. Review of Scientific Instruments, 2012, 83, 103902.	1.3	10
21	Pressure tuning of competing magnetic interactions in intermetallic CeFe $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2012, 86, .	3.2	13
22	Order parameter fluctuations at a buried quantum critical point. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7224-7229.	7.1	59
23	Two-stage orbital order and dynamical spin frustration in KCuF3. Nature Physics, 2012, 8, 63-66.	16.7	35
24	Magnetism, structure, and charge correlation at a pressure-induced Mott-Hubbard insulator-metal transition. Physical Review B, 2011, 83, .	3.2	25
25	Note: A portable, light-emitting diode-based ruby fluorescence spectrometer for high-pressure calibration. Review of Scientific Instruments, 2011, 82, 046105.	1.3	2
26	Signatures of quantum criticality in pure Cr at high pressure. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13631-13635.	7.1	51
27	Invited Article: High-pressure techniques for condensed matter physics at low temperature. Review of Scientific Instruments, 2010, 81, 041301.	1.3	43
28	Pressure-induced spin-Peierls to incommensurate charge-density-wave transition in the ground state of TiOCl. Physical Review B, 2010, 81, .	3.2	6
29	Diffraction line-shapes, Fermi surface nesting, and quantum criticality in antiferromagnetic chromium at high pressure (invited). Journal of Applied Physics, 2010, 107, 09E116.	2.5	4
30	Breakdown of the Bardeen-Cooper-Schrieffer ground state at a quantum phase transition. Nature, 2009, 459, 405-409.	27.8	40
31	Exciton spectroscopy of hexagonal boron nitride using nonresonant x-ray Raman scattering. Physical Review B, 2008, 77, .	3.2	26
32	Chromium at high pressures: Weak coupling and strong fluctuations in an itinerant antiferromagnet. Physical Review B, 2008, 77, .	3.2	19
33	Pressure-Tuned Spin and Charge Ordering in an Itinerant Antiferromagnet. Physical Review Letters, 2007, 99, 137201.	7.8	27
34	Direct measurement of antiferromagnetic domain fluctuations. Nature, 2007, 447, 68-71.	27.8	152
35	Quantum and Classical Relaxation in the Proton Glass. Physical Review Letters, 2006, 97, 145501.	7.8	15
36	Energy dispersive x-ray diffraction of charge density waves via chemical filtering. Review of Scientific Instruments, 2005, 76, 063913.	1.3	19

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37	Role of inversion symmetry and multipole effects in nonresonant x-ray Raman scattering from icosahedral B4C. <i>Physical Review B</i> , 2004, 69, .	3.2	47
38	A filter based analyzer for studies of X-ray Raman scattering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 469, 127-132.	1.6	4
39	A compact point focusing spatial filter for x-ray fluorescence and inelastic x-ray scattering studies. <i>Review of Scientific Instruments</i> , 2001, 72, 3908-3913.	1.3	4