

Nan Xu

List of Publications by Year in descending order

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3,047
citations

236925

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docs citations

49
times ranked

3922
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth of 2D MoP single crystals on liquid metals by chemical vapor deposition. Science China Materials, 2021, 64, 1182-1188.	6.3	15
2	Inherited weak topological insulator signatures in the topological hourglass semimetal Nb_3Sb_3		

#	ARTICLE	IF	CITATIONS
19	Observation of Dirac-like band dispersion in LaAgSb_2 . Physical Review B, 2016, 93. Direct spectroscopic evidence for completely filled Cu d_{xy} orbitals in LaAgSb_2 . Physical Review B, 2015, 91, .	3.2	16
20	Observation of Fermi-Arc Spin Texture in TaAs. Physical Review Letters, 2015, 115, 217601.	7.8	115
21	Camelback-shaped band reconciles heavy-electron behavior with weak electronic Coulomb correlations in superconducting TiNi_2Se . Physical Review B, 2015, 92, .	3.2	13
22	High-temperature superconductivity from fine-tuning of Fermi-surface singularities in iron oxypnictides. Scientific Reports, 2015, 5, 18273.	3.3	29
23	Micro-metric electronic patterning of a topological band structure using a photon beam. Scientific Reports, 2015, 5, 16309.	3.3	6
24	Dirac states with knobs on: Interplay of external parameters and the surface electronic properties of three-dimensional topological insulators. Physical Review B, 2015, 91, .	3.2	24
25	Tuning the metal-insulator transition in NdNiO_3 via Fermi surface instability and spin fluctuations. Physical Review B, 2015, 92, .	3.2	15
26	Observation of Weyl nodes in TaAs. Nature Physics, 2015, 11, 724-727.	16.7	867
27	Correlation-Induced Self-Doping in the Iron-Pnictide Superconductor BaTiO_3 . Physical Review Letters, 2014, 113, 266407.	7.8	21
28	Structural phase transition associated with van Hove singularity in 5d transition metal compound IrTe_2 . New Journal of Physics, 2014, 16, 123038.	2.9	21
29	Evolution from incoherent to coherent electronic states and its implications for superconductivity in $\text{FeTe}_x\text{Se}_{1-x}$. Physical Review B, 2014, 89, .	3.2	37
30	Observation of an electron band above the Fermi level in $\text{FeTe}_{0.55}\text{Se}_{0.45}$ from <i>in-situ</i> surface doping. Applied Physics Letters, 2014, 105, .	3.3	18
31	Dynamical Correlations and Screened Exchange on the Experimental Bench: Spectral Properties of the Cobalt Pnictide BaCo_2As . Physical Review Letters, 2014, 113, 266403.	7.8	50
32	Angle-resolved photoemission spectroscopy observation of anomalous electronic states in EuFe_2P . Journal of Physics Condensed Matter, 2014, 26, 035702.	1.8	11
33	Direct observation of the spin texture in SmB_6 as evidence of the topological Kondo insulator. Nature Communications, 2014, 5, 4566.	12.8	193
34	Exotic Kondo crossover in a wide temperature region in the topological Kondo insulator SmB_6 revealed by high-resolution ARPES. Physical Review B, 2014, 90, .	3.2	43
35	Observation of Strong-Coupling Pairing with Weakened Fermi-Surface Nesting at Optimal Hole Doping in $\text{Ca}_{0.33}\text{Na}_{0.67}\text{Fe}_2\text{As}_2$. Chinese Physics Letters, 2014, 31, 067403.	3.3	5

#	ARTICLE	IF	CITATIONS
37	Surface and bulk electronic structure of the strongly correlated system SmB_6 and implications for a topological Kondo insulator. <i>Physical Review B</i> , 2013, 88, .	3.2	179
38	Electronic Band Structure of BaCo_2As_2 : A Fully Doped Ferropnictide Analog with Reduced Electronic Correlations. <i>Physical Review X</i> , 2013, 3, .	3.0	41
39	Experimental Investigation of the Electronic Structure of $\text{Ca}_{0.83}\text{La}_{0.17}\text{Fe}_2\text{As}_2$. <i>Chinese Physics Letters</i> , 2013, 30, 017402.	3.3	13
40	Possible nodal superconducting gap and Lifshitz transition in heavily hole-doped $\text{BaKFe}_2\text{As}_2$. <i>Physical Review B</i> , 2012, 85, .	3.2	74
41	Evolution of electronic structure upon Cu doping in the topological insulator Bi_2Te_3 . <i>Physical Review B</i> , 2012, 85, .	3.2	10
42	Orbital characters determined from Fermi surface intensity patterns using angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2012, 85, .	3.2	48
43	Orbital characters and near two-dimensionality of Fermi surfaces in $\text{NaFe}_1-x\text{Co}_x\text{As}$. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	8
44	Isotropic superconducting gaps with enhanced pairing on electron Fermi surfaces in $\text{FeTe}_{0.55}\text{Se}_{0.45}$. <i>Physical Review B</i> , 2012, 85, .	3.2	129
45	Effects of Ru^{2+} substitution on electronic correlations and Fermi surface dimensionality in $\text{Ba}(\text{Fe}_{1-x}\text{Ru}_x)_2\text{As}_2$. <i>Physical Review B</i> , 2013, 87, .	3.2	33
46	Three Dimensionality and Orbital Characters of the Fermi Surface in $\text{NaFe}_1-x\text{Co}_x\text{As}$. <i>Physical Review B</i> , 2012, 85, .	3.2	34
47	Unconventional superconducting gap in $\text{NaFe}_1-x\text{Rb}_x\text{As}$. <i>Physical Review B</i> , 2012, 85, .	3.2	75
48	Quasiresonant d orbitals versus xy orbitals in superconducting SrVFeAsO . <i>Physical Review B</i> , 2013, 87, .	3.2	25
49	Quasiresonant d orbitals versus xy orbitals in superconducting SrVFeAsO . <i>Physical Review B</i> , 2013, 87, .	3.2	25