Naurang L Saini

List of Publications by Year
in descending order

295 papers	6,059 citations	94269 37 h-index	95083 68 g-index
303 all docs	303 docs citations	303 times ranked	3977 citing authors

#	Article	IF	Citations
1	Determination of the Local Lattice Distortions in the CuO2Plane of La1.85Sr0.15CuO4. Physical Review Letters, 1996, 76, 3412-3415.	2.9	602
2	Nanoscale phase separation in the iron chalcogenide superconductor K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi /><mml:mrow><mml:mn>1</mml:mn><mml:mo>.</mml:mo><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:. Physical Review B, 2011, 84, .	1.1	228
3	Crossover from Large to Small Polarons across the Metal-Insulator Transition in Manganites. Physical Review Letters, 1998, 81, 878-881.	2.9	190
4	Superconductivity of a striped phase at the atomic limit. Physica C: Superconductivity and Its Applications, 1998, 296, 269-280.	0.6	146
5	Topology of the Pseudogap and Shadow Bands inBi2Sr2CaCu2O8+Î´at Optimum Doping. Physical Review Letters, 1997, 79, 3467-3470.	2.9	140
6	Excitonic Bose-Einstein condensation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ta</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">NiSe</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>above room temperature. Physical Review B, 2014, 90, .	1.1	132
7	Local lattice instability and stripes in theCuO2plane of theLa1.85Sr0.15CuO4system by polarized XANES and EXAFS. Physical Review B, 1997, 55, 12759-12769.	1.1	124
8	The gap amplification at a shape resonance in a superlattice of quantum stripes: A mechanism for high Tc. Solid State Communications, 1996, 100, 181-186.	0.9	123
9	Stripe structure of theCuO2plane inBi2Sr2CaCu2O8+yby anomalous x-ray diffraction. Physical Review B, 1996, 54, 4310-4314.	1.1	118
10	Intrinsic phase separation in superconducting K0.8Fe1.6Se2(Tc= 31.8 K) single crystals. Superconductor Science and Technology, 2011, 24, 082002.	1.8	118
11	Oxygen-isotope shift of the charge-stripe ordering temperature in La2-xSrxCuO4from x-ray absorption spectroscopy. Journal of Physics Condensed Matter, 1999, 11, L541-L546.	0.7	117
12	Stripe structure in theCuO2plane of perovskite superconductors. Physical Review B, 1996, 54, 12018-12021.	1.1	115
13	CLï¿½ï¿½SS: The hard X-ray absorption beamline of the ALBA CELLS synchrotron. Cogent Physics, 2016, 3, .	0.7	115
14	Optimum inhomogeneity of local lattice distortions in La ₂ CuO _{4+ y}. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15685-15690.	3.3	109
15	Evidence of local structural inhomogeneity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeSe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> extended x-ray absorption fine structure. Physical Review B, 2010, 82, .	1.1	85
16	Scaling of the critical temperature with the Fermi temperature in diborides. Physical Review B, 2002, 65, .	1.1	83
17	The stripe critical point for cuprates. Journal of Physics Condensed Matter, 2000, 12, 10655-10666.	0.7	78
18	The strain of CuO2lattice: the second variable for the phase diagram of cuprate perovskites. Journal of Physics A, 2003, 36, 9133-9142.	1.6	78

#	ARTICLE	IF	CITATIONS
19	High Tc superconductivity in a superlattice of quantum stripes. Solid State Communications, 1997, 102, 369-374.	0.9	77
20	Bond Stretching Phonon Softening and Kinks in the Angle-Resolved Photoemission Spectra of Optimally Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:mn mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>6</mml:mn><mml:mo>+</mml:mo><m. Physical Review Letters, 2008, 100, 227002.	2.9	72
21	Photoemission Spectroscopy of Ta2NiSe5. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1231-1234.	0.8	71
22	Orbital degeneracy and Peierls instability in the triangular-lattice superconductor Ir<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Pt<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow. Physical	1.1	70
23	Role of the Ce valence in the coexistence of superconductivity and ferromagnetism ofCeO1â^'xFxBiS2revealed by CeL3-edge x-ray absorption spectroscopy. Physical Review B, 2014, 89, .	1.1	67
24	Effect of high hydrostatic pressure on to life of the tiny animal tardigrade. Journal of Physics and Chemistry of Solids, 2008, 69, 2297-2300.	1.9	65
25	Electronic Structure Reconstruction by Orbital Symmetry Breaking in IrTe₂. Journal of the Physical Society of Japan, 2013, 82, 093704.	0.7	65
26	A superconductor made by a metal heterostructure at the atomic limit tuned at the `shape resonance': MgB2*. Journal of Physics Condensed Matter, 2001, 13, 7383-7390.	0.7	64
27	Direct observation of nanoscale interface phase in the superconducting chalcogenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>2</ intrinsic phase separation. Physical Review B, 2015, 91, .	1.1	59
28	Temperature-dependent modulation amplitude of theCuO2superconducting lattice inLa2CuO4.1. Physical Review B, 1997, 55, 9120-9124.	1.1	52
29	A study of the electronic structure of FeSe_{1 â^'<i>x</i>}Te_{<i>x</i>}chalcogenides by Fe and Se K-edge x-ray absorption near edge structure measurements. Journal of Physics Condensed Matter, 2010, 22, 485702.	0.7	52
30	THE STRAIN QUANTUM CRITICAL POINT FOR SUPERSTRIPES IN THE PHASE DIAGRAM OF ALL CUPRATE PEROVSKITES. International Journal of Modern Physics B, 2000, 14, 3342-3355.	1.0	51
31	The effect of RE substitution in layered REO0.5F0.5BiS2: chemical pressure, local disorder and superconductivity. Physical Chemistry Chemical Physics, 2015, 17, 22090-22096.	1.3	48
32	The amplification of the superconducting T c by combined effect of tuning of the Fermi level and the tensile micro-strain in Al 1 â^' x Mg x B 2. Europhysics Letters, 2002, 58, 278-284.	0.7	47
33	Spatial inhomogeneity and planar symmetry breaking of the lattice incommensurate supermodulation in the high-temperature superconductor Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>CaCu<mml:math xmlns:mml="http://www.w3.org/1998	1.1	45
34	Determination of local atomic displacements in CeO1â^'xFxBiS2system. Journal of Physics Condensed Matter, 2014, 26, 435701.	0.7	42
35	Evidence for Critical Lattice Fluctuations in the HighTcCuprates. Journal of the Physical Society of Japan, 2001, 70, 2092-2097.	0.7	41
36	HighTcsuperconductivity in a critical range of micro-strain and charge density in diborides. Journal of Physics Condensed Matter, 2001, 13, 11689-11695.	0.7	39

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37	Preferential occupation of interface bands in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Physical Review B, 2010, 82, .	1.1	39
38	Local structural features of the superconductingBi2Sr2CaCu2O8+Î´system: A polarized CuK-edge XAS study. Physical Review B, 1998, 58, 11768-11773.	1.1	37
39	Fermi surfaces and orbital polarization in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeO</mml:mi><mml:mrow><mml:mn>0.5 mathvariant="normal">F</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>BiS</mml: by angle-resolved photoemission spectroscopy. Physical Review B, 2015, 92, .	1.1	36
40	Local structure of superconducting(La,Sr)2CuO4under strain: Microscopic mechanism of strain-inducedTcvariation. Physical Review B, 2007, 75, .	1.1	35
41	Spectromicroscopy of electronic phase separation in KxFe2â^'ySe2 superconductor. Scientific Reports, 2014, 4, 5592.	1.6	35
42	Study of temperature dependent atomic correlations in MgB2. European Physical Journal B, 2006, 52, 15-21.	0.6	32
43	XAS study of hole density and symmetry in a Bi2Sr2CaCu2O8+Î´ single crystal. Solid State Communications, 1993, 85, 447-453.	0.9	31
44	Thermoelectric properties of new Bi-chalcogenide layered compounds. Cogent Physics, 2016, 3, .	0.7	31
45	Local structure of ReFeAsO (Re=La, Pr, Nd, Sm) oxypnictides studied by Fe K-edge EXAFS. Europhysics Letters, 2009, 87, 26005.	0.7	30
46	Evidence of redistribution of the itinerant holes belowTcinBa2Sr2CaCu2O8superconductors: A polarized x-ray-absorption study. Physical Review B, 1995, 52, 6219-6222.	1.1	28
47	Temperature dependent local Cu-O displacements from underdoped to overdoped La-Sr-Cu-O superconductor. European Physical Journal B, 2003, 36, 75-80.	0.6	28
48	On the possibility of a new multiband heterostructure at the atomic limit made of alternate CuO2and FeAs superconducting layers. Superconductor Science and Technology, 2010, 23, 052003.	1.8	27
49	Local structures of isovalent and heterovalent dilute impurities in Si crystal probed by fluorescence x-ray absorption fine structure. Journal of Applied Physics, 1997, 82, 4810-4815.	1.1	26
50	Optical conductivity of the nonsuperconducting cuprateLa8â^'xSrxCu8O20. Physical Review B, 2002, 65, .	1.1	26
51	Coexistence of different electronic phases in the K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.8</mml:mn></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.6</mml:mn></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	26
52	Temperature dependent local structure of LiCoO2 nanoparticles determined by Co K-edge X-ray absorption fine structure. Journal of Power Sources, 2013, 229, 272-276.	4.0	26
53	Local structural displacements across the structural phase transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>IrTe</mml:mtext><mml:mn>2</mml:mn> Order-disorder of dimers and role of Ir-Te correlations. Physical Review B, 2013, 88, .	1.1	26
54	Temperature Dependent Local Structure of Na_xCoO₂ Cathode Material for Rechargeable Sodium-Ion Batteries. Journal of Physical Chemistry C, 2016, 120, 4227-4232.	1.5	26

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55	High critical temperature in a superlattice of quantum wires. Journal of Superconductivity and Novel Magnetism, 1995, 8, 545-548.	0.5	25
56	Different temperature-dependent local displacements in the underdoped and overdoped La 2 â^' x Sr x CuO 4 system. Europhysics Letters, 2003, 63, 125-131.	0.7	25
57	Role of the local structure in superconductivity of LaO_{0.5}F_{0.5}BiS_{2â^'x}Se_x system. Journal of Physics Condensed Matter, 2017, 29, 145603.	0.7	24
58	Temperature dependent Cuî—¸O distribution function of the superconducting CuO2 plane. Physica C: Superconductivity and Its Applications, 1996, 268, 121-127.	0.6	23
59	Evidence for a second one-dimensional set of states shedding light on the normal phase of high-Tcsuperconductors. Physical Review B, 1998, 57, R11101-R11104.	1.1	23
60	Ultrastructural analysis of the dehydrated tardigrade Hypsibius exemplaris unveils an anhydrobiotic-specific architecture. Scientific Reports, 2020, 10, 4324.	1.6	23
61	Ru K-edge absorption study on the La1-xCexRu2system. Journal of Physics Condensed Matter, 2000, 12, 6971-6978.	0.7	22
62	Evidence for local lattice fluctuations as a response function of the charge stripe order in theLa1.48Nd0.4Sr0.12CuO4system. Physical Review B, 2001, 64, .	1.1	22
63	Charge order, dielectric response, and local structure of La5/3Sr1/3NiO4 system. Journal of Applied Physics, 2009, 106, .	1.1	22
64	Life of Artemia under very high pressure. Journal of Physics and Chemistry of Solids, 2010, 71, 1127-1130.	1.9	22
65	Coexistence of localized and itinerant electrons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo>(</mml:mo><mml:mrow><mml:mi>X</mml:mi></mml:mrow><mml:mo>)</mml:mo></mml:mrow></mml:math> spectroscopy. Physical Review B, 2015, 91, .	1.1	22
66	Neutron diffraction and Hall effect measurements on Yî—¸Baî—¸Cu(Mn)î—¸O system. Solid State Communications, 1992, 82, 895-899.	0.9	21
67	RE L₃x-ray absorption study of REO_{1â^'x}F_xFeAs (RE =) Tj ETQq1 1 0.784314 rgB	0.7	21
68	Large local disorder in superconducting K0.8Fe1.6Se2studied by extended x-ray absorption fine structure. Journal of Physics Condensed Matter, 2012, 24, 115701.	0.7	21
69	Important Roles of Te 5p and Ir 5d Spinâ€“Orbit Interactions on the Multi-band Electronic Structure of Triangular Lattice Superconductor Ir_{1â^'}_xPt_xTe₂. Journal of the Physical Society of Japan, 2014, 83, 033704.	0.7	21
70	Evidence for onset of charge density wave in the La-based Perovskite superconductors. Journal of Superconductivity and Novel Magnetism, 1997, 10, 319-321.	0.5	20
71	Local structural disorder in REFeAsO oxypnictides by RE L₃edge XANES. Journal of Physics Condensed Matter, 2010, 22, 125701.	0.7	20
72	Temperature dependent local structure of the CuO2 plane in the doped La1.875Ba0.125CuO4 system. Solid State Communications, 1996, 97, 93-96.	0.9	19

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73	Electronic structure ofPr0.67Ca0.33MnO3near the Fermi level studied by ultraviolet photoelectron and x-ray absorption spectroscopy. Physical Review B, 2006, 74, .	1.1	19
74	Temperature-dependent local structure of NdFeAsO_{1 â^'x}F_xsystem using arsenic K-edge extended x-ray absorption fine structure. Journal of Physics Condensed Matter, 2011, 23, 265701.	0.7	19
75	Local distribution on atomic displacements in the layered SmFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ru<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>AsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	19
76	Temperature dependent local atomic displacements in Ru substituted SmFe1â^'xRuxAsO0.85F0.15superconductors. Superconductor Science and Technology, 2013, 26, 065005.	1.8	19
77	The electronic structure of Ag1â^'xSn1+xSe2 (x = 0.0, 0.1, 0.2, 0.25 and 1.0). Physical Chemistry Chemical Physics, 2017, 19, 26672-26678.	1.3	19
78	Effect of ultra-high pressure on small animals, tardigrades and Artemia. Cogent Physics, 2016, 3, .	0.7	18
79	Polarisation-dependent X-ray absorption in high- and low-Tc Bi2Sr2Canâ^'1CunO4+2n superconductors. Physica C: Superconductivity and Its Applications, 1993, 214, 119-126.	0.6	17
80	T c amplication and pseudogap at a shape resonance in a superlattice of quantum stripes. Journal of Superconductivity and Novel Magnetism, 1997, 10, 383-387.	0.5	17
81	Evolution of Eu valence and superconductivity in layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Eu</mml:mi><mml:mrow><mml:mn>0.5<system. Physical Review B, 2017, 95, .	1.1	17
82	Evolution of the remnant Fermi-surface state in the lightly doped correlated spin-orbit insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>IrO4. Physical Review B, 2017, 96, .	1.1	17
83	Strong environmental tolerance ofArtemiaunder very high pressure. Journal of Physics: Conference Series, 2010, 215, 012164.	0.3	16
84	Doping-Dependent and Orbital-Dependent Band Renormalization in Ba(Fe1-xCox)2As2 Superconductors. Journal of the Physical Society of Japan, 2011, 80, 113707.	0.7	16
85	Interplay of electronic and lattice degrees of freedom inA1â^'xFe2â^'ySe2superconductors under pressure. Physical Review B, 2013, 88, .	1.1	16
86	Localized and mixed valence state of Ce<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:m superconducting and ferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeO</mml:mi><mml:mrow><mml:mn>1</mml:m mathvariant="normal">F</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>BiS</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2016, 94, .	1.1	16
87	Rapid and sensitive XAFS using a tunable X-ray undulator. Journal of Synchrotron Radiation, 1999, 6, 155-157.	1.0	15
88	Fluorescence X-ray absorption spectroscopy using a Ge pixel array detector: application to high-temperature superconducting thin-film single crystals. Journal of Synchrotron Radiation, 2006, 13, 314-320.	1.0	15
89	Arsenic K-edge XANES study of REFeAsO oxypnictides. Europhysics Letters, 2010, 90, 57001.	0.7	15
90	Random alloy-like local structure of Fe(Se, S)1â^'xTexsuperconductors revealed by extended x-ray absorption fine structure. Journal of Physics Condensed Matter, 2011, 23, 425701.	0.7	15

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91	Electronic structure ofLaO1âˆ’xFxBiSe2(x=0.18)revealed by photoelectron spectromicroscopy. Physical Review B, 2014, 90, .	1.1	15
92	Temperature dependent local atomic displacements in ammonia intercalated iron selenide superconductor. Scientific Reports, 2016, 6, 27646.	1.6	15
93	Electronic structure of self-doped layered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Eu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>material revealed by x-ray absorption spectroscopy and photoelectron spectromicroscopy. Physical Review B, 2017, 95, .	1.1	15
94	Metallic phase in stoichiometric CeOBiS2 revealed by space-resolved ARPES. Scientific Reports, 2018, 8, 2011.	1.6	15
95	Electronic structure studies of the Bi2212 system by polarised X-ray absorption measurement. Physica C: Superconductivity and Its Applications, 1995, 251, 7-14.	0.6	14
96	Sainiet al.Reply:. Physical Review Letters, 1999, 82, 2619-2619.	2.9	14
97	Anomalous local atomic correlations inHgBa2CuO4+Î´. Physical Review B, 1999, 59, 3851-3854.	1.1	14
98	In-plane copper-oxygen bond-stretching mode anomaly in underdopedLa2âˆ’xSrxCuO4+Î´measured with high-resolution inelastic x-ray scattering. Physical Review B, 2007, 76, .	1.1	14
99	Nanoscale structure and atomic disorder in the iron-based chalcogenides. Science and Technology of Advanced Materials, 2013, 14, 014401.	2.8	14
100	Temperature dependence of iron local magnetic moment in phase-separated superconducting chalcogenide. Physical Review B, 2014, 90, .	1.1	14
101	Unusual valence state and metal-insulator transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaV</mml:mi><mml:mn>10</mml:mn></mml:msub><mml:msub><mml:mi width="0.16em" /><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>15</mml:mn></mml:msub></mml:mrow></mml:math> probed by hard x-ray photoemission spectroscopy. Physical Review B, 2017, 95, .	1.1	14
102	SUPERSTRIPES BY ANOMALOUS X-RAY DIFFRACTION AND ANGLE RESOLVED PHOTOEMISSION IN BI2212. International Journal of Modern Physics B, 2000, 14, 3649-3655.	1.0	13
103	Temperature-dependent local structure in theNb3Gesuperconductor studied by high-resolution GeK-edge EXAFS measurements. Physical Review B, 2003, 68, .	1.1	13
104	Large atomic disorder in nanostructured LaNi5 alloys: A La L3-edge extended X-ray absorption fine structure study. Journal of Physics and Chemistry of Solids, 2010, 71, 1069-1072.	1.9	13
105	Preserving life of moss Ptychomitrium under very high pressure. Journal of Physics and Chemistry of Solids, 2010, 71, 1123-1126.	1.9	13
106	Determination of the local structure inFeSe 0.25 Te 0.75 single crystal by polarized EXAFS. Europhysics Letters, 2010, 90, 67008.	0.7	13
107	Fe 3 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>orbitals bring three-dimensional electronic structure to two-dimensional Ir<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.95</mml:mn></mml:mrow></mml:msub></mml:math>Pt<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow />	1.1	13
108	Unusually large chemical potential shift in a degenerate semiconductor: Angle-resolved photoemission study of SnSe and Na-doped SnSe. Physical Review B, 2018, 97, .	1.1	13

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109	Suppression of structural instability in LaOBiS_{2â^'x}Se_x by Se substitution. Journal of Physics Condensed Matter, 2018, 30, 455703.	0.7	13
110	Large fluctuations near the superconducting transition in the underdoped Bi2212. Physica C: Superconductivity and Its Applications, 2000, 332, 405-410.	0.6	12
111	Local structure of ball-milled LaNi5 hydrogen storage material by Ni K-edge EXAFS. Journal of Solid State Chemistry, 2010, 183, 1550-1554.	1.4	12
112	Local structure of LiCoO₂nanoparticles studied by Co K-edge x-ray absorption spectroscopy. Journal of Physics Condensed Matter, 2012, 24, 335305.	0.7	12
113	Electronic structure and phase separation of superconducting and nonsuperconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>K</mml:mtext><mml:mi>x</mml:mi></mml:msub><mml:m by x-ray photoemission spectroscopy. Physical Review B, 2013, 88, .	1.1	12
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