Antonio Bianconi

List of Publications by Year
in descending order

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		15495	32815
525	14,280	65	100
papers	citations	h-index	g-index

539	539	539	7025
all docs	docs citations	times ranked	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	X-ray absorption near edge structures (XANES) in simple and complex Mn compounds. Solid State Communications, 1980, 35, 355-361.	0.9	254
3	Inhomogeneity of charge-density-wave order and quenched disorder in a high-Tc superconductor. Nature, 2015, 525, 359-362.	13.7	250
4	Scale-free structural organization of oxygen interstitials in La2CuO4+y. Nature, 2010, 466, 841-844.	13.7	236
5	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:math 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:math xmlns:. Physical Review B, 2011, 84, .	1.1	228
6	Specific intermediate-valence state of insulating 4fcompounds detected byL3x-ray absorption. Physical Review B, 1987, 35, 806-812.	1.1	225
7	Crystal-structure effects in the CeL3-edge x-ray-absorption spectrum ofCeO2: Multiple-scattering resonances and many-body final states. Physical Review B, 1994, 50, 5074-5080.	1.1	205
8	L2,3 xanes of the high Tc superconductor YBa2Cu3Oâ‰ˆ7 with variable oxygen content. Solid State Communications, 1987, 63, 1009-1013.	0.9	200
9	Multiple-scattering regime and higher-order correlations in x-ray-absorption spectra of liquid solutions. Physical Review B, 1986, 34, 5774-5781.	1.1	196
10	Multiple-scattering resonances and structural effects in the x-ray-absorption near-edge spectra of Fe II and Fe III hexacyanide complexes. Physical Review B, 1982, 26, 6502-6508.	1.1	194
11	Crossover from Large to Small Polarons across the Metal-Insulator Transition in Manganites. Physical Review Letters, 1998, 81, 878-881.	2.9	190
12	Symmetry of the3d9ligand hole induced by doping inYBa2Cu3O7âˆ’Î´. Physical Review B, 1988, 38, 7196-7199.	1.1	182
13	Photoemission studies of graphite high-energy conduction-band and valence-band states using soft-x-ray synchrotron radiation excitation. Physical Review B, 1977, 16, 5543-5548.	1.1	169
14	Surface X-ray absorption spectroscopy: Surface EXAFS and surface XANES. Applications of Surface Science, 1980, 6, 392-418.	1.0	164
15	X-ray-absorption near-edge structure of3dtransition elements in tetrahedral coordination: The effect of bond-length variation. Physical Review B, 1985, 32, 4292-4295.	1.1	156
16	Evolution and control of oxygen order in a cuprateÂsuperconductor. Nature Materials, 2011, 10, 733-736.	13.3	148
17	Superconductivity of a striped phase at the atomic limit. Physica C: Superconductivity and Its Applications, 1998, 296, 269-280.	0.6	146
18	Topology of the Pseudogap and Shadow Bands inBi2Sr2CaCu2O8+Î´at Optimum Doping. Physical Review Letters, 1997, 79, 3467-3470.	2.9	140

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19	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
20	Resonant and crossover phenomena in a multiband superconductor: Tuning the chemical potential near a band edge. Physical Review B, 2010, 82, .	1.1	124
21	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
22	Localization of Cu 3d levels in the high Tc superconductor YBa2Cu3Oâ¼7 by Cu 2p X-ray photoelectron spectroscopy. Solid State Communications, 1987, 63, 1135-1139.	0.9	120
23	Stripe structure of theCuO2plane inBi2Sr2CaCu2O8+yby anomalous x-ray diffraction. Physical Review B, 1996, 54, 4310-4314.	1.1	118
24	Intrinsic phase separation in superconducting K0.8Fe1.6Se2(Tc= 31.8 K) single crystals. Superconductor Science and Technology, 2011, 24, 082002.	1.8	118
25	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
26	Stripe structure in theCuO2plane of perovskite superconductors. Physical Review B, 1996, 54, 12018-12021.	1.1	115
27	K-shell photoabsorption spectra ofN2andN2O using synchrotron radiation. Physical Review A, 1978, 17, 1907-1911.	1.0	113
28	Shape resonances in superstripes. Nature Physics, 2013, 9, 536-537.	6.5	113
29	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
30	Many-body effects in praesodymium core-level spectroscopies ofPrO2. Physical Review B, 1988, 38, 3433-3437.	1.1	107
31	Intrinsic luminescence excitation spectrum and extended x-ray absorption fine structure above theKedge in CaF2. Physical Review B, 1978, 17, 2021-2024.	1.1	101
32	The CO bond angle of carboxymyoglobin determined by angular-resolved XANES spectroscopy. Nature, 1985, 318, 685-687.	13.7	99
33	Effect of the Al content on the optical phonon spectrum inMg1â^'xAlxB2. Physical Review B, 2001, 65, .	1.1	99
34	On the possibility of new high Tc superconductors by producing metal heterostructures as in the cuprate perovskites. Solid State Communications, 1994, 89, 933-936.	0.9	98
35	Electronic Structure of Aluminium Oxide as Determined by Xâ€Ray Photoemission. Physica Status Solidi (B): Basic Research, 1976, 76, 689-694.	0.7	96
36	Delocalized versus localized unoccupied5fstates and the uranium site structure in uranium oxides and glasses probed by x-ray-absorption near-edge structure. Physical Review B, 1986, 34, 7350-7361.	1.1	95

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37	Fine structure above the carbon K-edge in methane and in the fluoromethanes. Chemical Physics Letters, 1978, 54, 425-429.	1.2	92
38	Al-Al2O3interface study using surface soft-x-ray absorption and photoemission spectroscopy. Physical Review B, 1979, 19, 2837-2843.	1.1	91
39	The quantitative Jahn-teller distortion of the Cu2+ site in aqueous solution by xanes spectroscopy. Chemical Physics, 1989, 132, 295-302.	0.9	89
40	Multielectron configurations in the x-ray-absorption near-edge structure of NiO at the oxygenKthreshold. Physical Review B, 1986, 33, 2979-2982.	1.1	85
41	Evidence of 3d9-ligand hole states in the superconductor La1.85Sr0.15CuO4 from L3 X-ray absorption spectroscopy. Physics Letters, Section A: General, Atomic and Solid State Physics, 1988, 127, 285-291.	0.9	85
42	Core excitons and inner well resonances in surface soft x-ray absorption (SSXA) spectra. Surface Science, 1979, 89, 41-50.	0.8	84
43	Al Surface Relaxation Using Surface Extended X-Ray-Absorption Fine Structure. Physical Review Letters, 1979, 42, 104-108.	2.9	83
44	On the Fermi liquid coupled with a generalized wigner polaronic CDW giving high Tc superconductivity. Solid State Communications, 1994, 91, 1-5.	0.9	83
45	Scaling of the critical temperature with the Fermi temperature in diborides. Physical Review B, 2002, 65, .	1.1	83
46	SUPERSTRIPES. International Journal of Modern Physics B, 2000, 14, 3289-3297.	1.0	82
47	Model for phase separation controlled by doping and the internal chemical pressure in different cuprate superconductors. Physical Review B, 2008, 78, .	1.1	82
48	Substitution ofScforMginMgB2: Effects on transition temperature and Kohn anomaly. Physical Review B, 2004, 70, .	1.1	79
49	The stripe critical point for cuprates. Journal of Physics Condensed Matter, 2000, 12, 10655-10666.	0.7	78
50	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
51	High Tc superconductivity in a superlattice of quantum stripes. Solid State Communications, 1997, 102, 369-374.	0.9	77
52	Feshbach resonance and mesoscopic phase separation near a quantum critical point in multiband FeAs-based superconductors. Superconductor Science and Technology, 2009, 22, 014004.	1.8	77
53	Breakdown of the Migdal approximation at Lifshitz transitions with giant zero-point motion in the H3S superconductor. Scientific Reports, 2016, 6, 24816.	1.6	76
54	The Measurement of the Polaron Size in the Metallic Phase of Cuprate Superconductors. Europhysics Letters, 1995, 31, 411-415.	0.7	75

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55	Feshbach Shape Resonance in Multiband Superconductivity in Heterostructures. Journal of Superconductivity and Novel Magnetism, 2005, 18, 625-636.	0.5	75
56	Multiplet splitting of final-state configurations in x-ray-absorption spectrum of metal VO2: Effect of core-hole-screening, electron correlation, and metal-insulator transition. Physical Review B, 1982, 26, 2741-2747.	1.1	74
57	Two-band Eliashberg equations and the experimental Tc of the diboride Mg1â^'xAlxB2. Physica C: Superconductivity and Its Applications, 2004, 407, 121-127.	0.6	74
58	Multiple-scattering effects in theK-edge x-ray-absorption near-edge structure of crystalline and amorphous silicon. Physical Review B, 1987, 36, 6426-6433.	1.1	73
59	Raising the diboride superconductor transition temperature using quantum interference effects. Physical Review B, 2003, 67, .	1.1	73
60	Superconductivity above the lowest Earth temperature in pressurized sulfur hydride. Europhysics Letters, 2015, 112, 37001.	0.7	72
61	Evidence of SiO at the Si-oxide interface by surface soft X-ray absorption near edge spectroscopy. Surface Science, 1980, 99, 76-86.	0.8	71
62	Multielectron excitations in theK-edge x-ray-absorption near-edge spectra of V, Cr, and Mn 3d0compounds with tetrahedral coordination. Physical Review B, 1991, 43, 6885-6892.	1.1	71
63	The instability of a 2D electron gas near the critical density for a Wigner polaron crystal giving the quantum state of cuprate superconductors. Solid State Communications, 1994, 91, 287-293.	0.9	70
64	The effect of internal pressure on the tetragonal to monoclinic structural phase transition in ReOFeAs: the case of NdOFeAs. Superconductor Science and Technology, 2008, 21, 092002.	1.8	70
65	Linearly polarized CuL3-edge x-ray-absorption near-edge structure ofBi2CaSr2Cu2O8. Physical Review B, 1991, 44, 10126-10138.	1.1	67
66	Structure of orientedV2O5gel studied by polarized x-ray-absorption spectroscopy at the vanadiumKedge. Physical Review B, 1989, 40, 12229-12236.	1.1	64
67	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
68	X-ray Ca K edge of calcium adenosine triphosphate system and of simple Ca compunds. Chemical Physics Letters, 1978, 59, 121-124.	1.2	61
69	Thermal conductivity of superconducting MgB2. Journal of Physics Condensed Matter, 2001, 13, L487-L493.	0.7	60
70	High Tc superconductivity by quantum confinement. Journal De Physique, I, 1994, 4, 361-365.	1.2	60
71	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</mml:mn> intrinsic phase separation. Physical Review B, 2015, 91, .	1.1	59
72	Atomic and electronic structure probed by X-ray absorption spectroscopy: Full multiple scattering analysis with the G4XANES package. Computational Materials Science, 1995, 4, 199-210.	1.4	58

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73	A quantum phase transition driven by the electron lattice interaction gives high TC superconductivity. Journal of Alloys and Compounds, 2001, 317-318, 537-541.	2.8	57
74	Determination of the symmetry of the 3d9L states by polarized CuL3XAS spectra of single crystal YBa2Cu3Oâ‰ˆ6.9. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1760-1761.	0.6	56
75	Relevant role of hydrogen atoms in the XANES of Pd hydride: Evidence of hydrogen induced unoccupied states. Solid State Communications, 1993, 85, 863-868.	0.9	55
76	Coexistence of stripes and superconductivity: Tc amplification in a superlattice of superconducting stripes. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1719-1722.	0.6	54
77	Lack of delocalized Cup states at the fermi level in the high-T c superconductor YBa2Cu3Oâ^¼7 by XANES spectroscopy. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1987, 67, 307-312.	1.1	53
78	Structure of densified vitreous silica: Silicon and oxygen XANES spectra and multiple scattering calculations. Physics and Chemistry of Minerals, 1992, 19, 171.	0.3	53
79	Temperature-dependent modulation amplitude of theCuO2superconducting lattice inLa2CuO4.1. Physical Review B, 1997, 55, 9120-9124.	1.1	52
80	Shape resonance for the anisotropic superconducting gaps near a Lifshitz transition: the effect of electron hopping between layers. Superconductor Science and Technology, 2011, 24, 015012.	1.8	52
81	Core Transitions from the Al 2p Level in Amorphous and Crystalline Al₂O₃. Physica Status Solidi (B): Basic Research, 1974, 63, 77-87.	0.7	51
82	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
83	Anomalous isotope effect near a 2.5 Lifshitz transition in a multi-band multi-condensate superconductor made of a superlattice of stripes. Superconductor Science and Technology, 2012, 25, 124002.	1.8	51
84	Bond Length Determination Using XANES. Springer Series in Chemical Physics, 1983, , 57-61.	0.2	51
85	Many Body Effect in Inner Shell Photoemission and Photoabsorption Spectra of La Compounds. Journal of the Physical Society of Japan, 1987, 56, 798-809.	0.7	50
86	Transformation of strings into an inhomogeneous phase of stripes and itinerant carriers. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 275, 118-123.	0.9	50
87	One-electron excitations and shake up satellites in Cu K-edge X-ray absorption near edge structure (XANES) of La2CuO4 by full multiple scattering analysis in real space. Physica C: Superconductivity and Its Applications, 1991, 175, 369-380.	0.6	49
88	The instability close to the 2D generalized wigner polaron crystal density: A possible pairing mechanism indicated by a key experiment. Physica C: Superconductivity and Its Applications, 1994, 235-240, 269-272.	0.6	48
89	Evidence for the strain critical point in high Tc superconductors. European Physical Journal B, 2000, 18, 617-624.	0.6	48
90	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

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91	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
92	Multiscale distribution of oxygen puddles in 1/8 doped YBa2Cu3O6.67. Scientific Reports, 2013, 3, 2383.	1.6	45
93	Multiple-scattering analysis ofK-edge x-ray-absorption near-edge spectrum of YBa2Cu3O7. Physical Review B, 1988, 38, 244-251.	1.1	44
94	Intrinsic arrested nanoscale phase separation near a topological Lifshitz transition in strongly correlated two-band metals. Superconductor Science and Technology, 2015, 28, 024005.	1.8	44
95	Possible Fano resonance for high-T_c multi-gap superconductivity in p-Terphenyl doped by K at the Lifshitz transition. Europhysics Letters, 2017, 118, 37003.	0.7	42
96	Evidence for Critical Lattice Fluctuations in the HighTcCuprates. Journal of the Physical Society of Japan, 2001, 70, 2092-2097.	0.7	41
97	A two-band model for the phase separation induced by the chemical mismatch pressure in different cuprate superconductors. Superconductor Science and Technology, 2009, 22, 014007.	1.8	41
98	Single-particle properties of a model for coexisting charge and spin quasicritical fluctuations coupled to electrons. Physical Review B, 1999, 59, 14980-14991.	1.1	40
99	Determination of mixing of 4f-ligand orbitals in Ce(SO4)2 by Xanes is Ce(SO4)2 a mixed valent insulating system?. Journal of Magnetism and Magnetic Materials, 1985, 47-48, 209-211.	1.0	39
100	COORDINATION GEOMETRY OF TRANSITION METAL IONS IN DILUTE SOLUTIONS BY XANES. Journal De Physique Colloque, 1986, 47, C8-49-C8-54.	0.2	39
101	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
102	Three particle correlation function of metal ions in tetrahedral coordination determined by XANES. Solid State Communications, 1986, 58, 595-599.	0.9	38
103	Correlation between mixing of Cu d orbitals and T c determined by polarized Cu L 3 XAS: Experimental evidence for pairing mediated by d-d excitations. Physica C: Superconductivity and Its Applications, 1989, 162-164, 209-210.	0.6	38
104	The Dinuclear Copper Site Structure of Agaricus bisporus Tyrosinase in Solution Probed by X-ray Absorption Spectroscopy. Journal of Biological Chemistry, 1996, 271, 21025-21030.	1.6	38
105	Localization of screening orbitals, local-environment effects, and intermediate valence in core-level spectroscopy: Ce vs Tm. Physical Review B, 1982, 25, 2477-2482.	1.1	37
106	Electronic and superconducting properties of a superlattice of quantum stripes at the atomic limit. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1997, 104, 707-713.	1.1	37
107	Local structural features of the superconductingBi2Sr2CaCu2O8+Î´system: A polarized CuK-edge XAS study. Physical Review B, 1998, 58, 11768-11773.	1.1	37
108	Misfit Strain in Superlattices Controlling the Electron-Lattice Interaction via Microstrain in Active Layers. Advances in Condensed Matter Physics, 2010, 2010, 1-7.	0.4	37

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109	Imaging micro-x-ray diffraction unveils the distribution of oxygen chain nanoscale puddles in YBa<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>Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	37
110	Structural phase transition and superlattice misfit strain of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:mtext>FeAsO</mml:mtext></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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127	Lifshitz transitions and zero point lattice fluctuations in sulfur hydride showing near room temperature superconductivity. Novel Superconducting Materials, 2015, 1, .	0.8	32
128	Transient state kinetic investigation of ferritin iron release. Applied Physics Letters, 2012, 100, 073703.	1.5	31
129	CuK-edge polarized x-ray-absorption near-edge structure ofBi2CaSr2Cu2O8. Physical Review B, 1991, 44, 4560-4569.	1.1	30
130	An x-ray absorption near edge structure spectroscopy study of metal coordination in Co(II)-substituted Carcinus maenas hemocyanin. Biophysical Journal, 1993, 65, 2680-2691.	0.2	29
131	Networks of superconducting nano-puddles in 1/8 doped YBa₂Cu₃O_{6.5 +y}controlled by thermal manipulation. New Journal of Physics, 2014, 16, 053030.	1.2	29
132	Effect of Rhombic Distortion on the Polarized X-Ray Absorption Spectra in HighTcSuperconductors. Journal of the Physical Society of Japan, 1990, 59, 815-818.	0.7	28
133	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
134	Sc doping of MgB2: the structural and electronic properties of Mg1â^'xScxB2. Journal of Physics and Chemistry of Solids, 2004, 65, 1479-1484.	1.9	28
135	Fractal Structure Favoring Superconductivity at High Temperatures in a Stack of Membranes Near a Strain Quantum Critical Point. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1195-1200.	0.8	28
136	Xanes (X-ray absorption near edge structure) of V in vanadium-iron phosphate glasses. Solid State Communications, 1982, 42, 547-551.	0.9	27
137	XANES study of iron displacement in the haem of myoglobin. FEBS Letters, 1984, 178, 165-170.	1.3	27
138	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
139	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	1.0	27
140	Increase of the Fe effective charge in hemoproteins during oxygenation process. Biochemical and Biophysical Research Communications, 1985, 131, 98-102.	1.0	26
141	Electronic structure ofBi2CaSr2Cu2O8determined by a combined analysis of various polarized x-ray-absorption spectra. Physical Review B, 1992, 45, 4989-5000.	1.1	26
142	Optical conductivity of the nonsuperconducting cuprateLa8â^'xSrxCu8O20. Physical Review B, 2002, 65, .	1.1	26
143	The Microstrain-Doping Phase Diagram of the Iron Pnictides: Heterostructures at Atomic Limit. Journal of Superconductivity and Novel Magnetism, 2009, 22, 589-593.	0.8	26
144	Study of the initial oxidation of single-crystal aluminum by inter-atomic Auger yield spectroscopy. Solid State Communications, 1977, 24, 539-542.	0.9	25

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145	Partial density of unoccupied states and L2,3-x-ray absorption spectrum of bulk silicon and of the Si(1 1) Tj ETQq1 1 0.784314 rgBT /O	0.9	25
146	High critical temperature in a superlattice of quantum wires. Journal of Superconductivity and Novel Magnetism, 1995, 8, 545-548.	0.5	25
147	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
148	Isotope effect on the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mtext>E</mml:mtext><mml:mrow><mml:mn>2</mml:mn><mml:mi>g</mml:mi></mr and mesoscopic phase separation near the electronic topological transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mg</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:m Physical Review B, 2009, 80, .	1.1	25
149	Temporary secondary structures in tau, an intrinsically disordered protein. Molecular Simulation, 2012, 38, 525-533.	0.9	25
150	Shape Resonances in superconducting gaps in a 2DEG at oxide- oxide interface. Journal of Physics: Conference Series, 2014, 529, 012007.	0.3	25
151	SYMMETRY OF THE HOLE STATES IN BiCaSrCuO HIGH-Tc SUPERCONDUCTORS. Modern Physics Letters B, 1988, 02, 1313-1318.	1.0	24
152	Correlation satellites in deep metal 3pcore x-ray photoemission of tetravalent oxidesMO2(M=Ce,Pr,Tb,Hf) and ofLaF3. Physical Review B, 1989, 39, 3380-3385.	1.1	24
153	Structure-Function Relationship in the Serotransferrin: The Role of the pH on the Conformational Change and the Metal Ions Release. Biochemical and Biophysical Research Communications, 1994, 198, 646-652.	1.0	24
154	Evidence for strong lattice effects as revealed from huge unconventional oxygen isotope effects on the pseudogap temperature in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn></mm Physical Review B, 2017, 95, .	1.1	24
155	XANES Spectroscopy for Local Structures in Complex Systems. Springer Series in Chemical Physics, 1983, , 118-129.	0.2	23
156	Cu K-edge XANES of Cu(II) ions in aqueous solution: A measure of the axial ligand distances. Chemical Physics Letters, 1988, 149, 289-294.	1.2	23
157	XANES in condensed systems. , 1988, , 29-67.		23
158	XANES study of structural disorder in amorphous silicon. Journal of Non-Crystalline Solids, 1990, 116, 27-32.	1.5	23
159	Temperature dependent Cuî—¸O distribution function of the superconducting CuO2 plane. Physica C: Superconductivity and Its Applications, 1996, 268, 121-127.	0.6	23
160	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
161	Fermi surface reconstruction of superoxygenated La2CuO4superconductors with ordered oxygen interstitials. Physical Review B, 2013, 87, .	1.1	23
162	X-ray absorption near edge structure (XANES) determination of calcium sites of troponin C and parvalbumin. Journal of Molecular Biology, 1983, 165, 125-138.	2.0	22

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163	Intermediate states in ligand photodissociation of carboxymyoglobin studied by dispersive X-ray absorption. European Biophysics Journal, 1994, 23, 361-368.	1.2	22
164	Ru K-edge absorption study on the La1-xCexRu2system. Journal of Physics Condensed Matter, 2000, 12, 6971-6978.	0.7	22
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