

# Antonio Bianconi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

503  
papers

12,991  
citations

64  
h-index

94  
g-index

539  
ext. papers

13,493  
ext. citations

2.8  
avg, IF

6.13  
L-index

#	Paper	IF	Citations
503	Periodic recurrent waves of Covid-19 epidemics and vaccination campaign. <i>Chaos, Solitons and Fractals</i> , <b>2022</b> , 160, 112216	9.3	1
502	Resonant multi-gap superconductivity at room temperature near a Lifshitz topological transition in sulfur hydrides. <i>Journal of Applied Physics</i> , <b>2021</b> , 130, 173904	2.5	2
501	Functional Nanoscale Phase Separation and Intertwined Order in Quantum Complex Materials. <i>Condensed Matter</i> , <b>2021</b> , 6, 40	1.8	2
500	Nanoscale Phase Separation of Incommensurate and Quasi-Commensurate Spin Stripes in Low Temperature Spin Glass of $\text{La}_2\text{Sr}_x\text{NiO}_4$ . <i>Condensed Matter</i> , <b>2021</b> , 6, 45	1.8	0
499	Room temperature superconductivity dome at a Fano resonance in superlattices of wires. <i>Europhysics Letters</i> , <b>2021</b> , 134, 17001	1.6	4
498	Metastable states in plateaus and multi-wave epidemic dynamics of Covid-19 spreading in Italy. <i>Scientific Reports</i> , <b>2021</b> , 11, 12412	4.9	2
497	Epidemic spreading in an expanded parameter space: the supercritical scaling laws and subcritical metastable phases. <i>Physical Biology</i> , <b>2021</b> , 18,	3	2
496	Multigap superconductivity at an unconventional Lifshitz transition in a three-dimensional Rashba heterostructure at the atomic limit. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	6
495	Myelin basic protein dynamics from out-of-equilibrium functional state to degraded state in myelin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2020</b> , 1862, 183256	3.8	2
494	Efficiency of COVID-19 mobile contact tracing containment by measuring time-dependent doubling time. <i>Physical Biology</i> , <b>2020</b> , 17, 065006	3	11
493	Potassium-Doped Para-Terphenyl: Structure, Electrical Transport Properties and Possible Signatures of a Superconducting Transition. <i>Condensed Matter</i> , <b>2020</b> , 5, 78	1.8	3
492	Superconductivity in Quantum Complex Matter: the Superstripes Landscape. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2020</b> , 33, 2269-2277	1.5	2
491	Ostwald Growth Rate in Controlled Covid-19 Epidemic Spreading as in Arrested Growth in Quantum Complex Matter. <i>Condensed Matter</i> , <b>2020</b> , 5, 23	1.8	8
490	Fermi-Bose Mixtures and BCS-BEC Crossover in High-Tc Superconductors. <i>Condensed Matter</i> , <b>2019</b> , 4, 51	1.8	17
489	Evolution of Complexity in Out-of-Equilibrium Systems by Time-Resolved or Space-Resolved Synchrotron Radiation Techniques. <i>Condensed Matter</i> , <b>2019</b> , 4, 32	1.8	9
488	Multiple Electronic Components and Lifshitz Transitions by Oxygen Wires Formation in Layered Cuprates and Nickelates. <i>Condensed Matter</i> , <b>2019</b> , 4, 15	1.8	7
487	Is There Any Hidden Symmetry in the Stripe Structure of Perovskite High-Temperature Superconductors?. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 1840-1844	6.4	8

486	Precision resonance energy scans with the PANDA experiment at FAIR. <i>European Physical Journal A</i> , <b>2019</b> , 55, 1	2.5	21
485	Direct Visualization of Spatial Inhomogeneity of Spin Stripes Order in La <sub>1.72</sub> Sr <sub>0.28</sub> NiO <sub>4</sub> . <i>Condensed Matter</i> , <b>2019</b> , 4, 77	1.8	8
484	Multi-Band Superconductivity and the Steep Band/Flat Band Scenario. <i>Condensed Matter</i> , <b>2019</b> , 4, 91	1.8	7
483	Effect of CuO <sub>2</sub> Lattice Strain on the Electronic Structure and Properties of High-T <sub>c</sub> Cuprate Family. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2019</b> , 32, 1927-1935	1.5	8
482	Lifshitz Transitions In Multi-band Hubbard Models for Topological Superconductivity in Complex Quantum Matter. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 603-610	1.5	6
481	Nanoscale Correlated Disorder in Out-of-Equilibrium Myelin Ultrastructure. <i>ACS Nano</i> , <b>2018</b> , 12, 729-739	6.7	14
480	Anisotropic Thermal Expansion of p-Terphenyl: a Self-Assembled Supramolecular Array of Poly-p-phenyl Nanoribbons. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 703-710	1.5	10
479	Local Noncentrosymmetric Structure of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+y</sub> by X-ray Magnetic Circular Dichroism at Cu K-Edge XANES. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 663-670	1.5	6
478	VUV Pump and Probe of Phase Separation and Oxygen Interstitials in La <sub>2</sub> NiO <sub>4+y</sub> Using Spectromicroscopy. <i>Condensed Matter</i> , <b>2018</b> , 3, 6	1.8	1
477	Electronic Structure of HgBa <sub>2</sub> CuO <sub>4+δ</sub> with Self-organized Interstitial Oxygen Wires in the Hg Spacer Planes. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 689-695	1.5	4
476	Multigap Superconductivity at Extremely High Temperature: A Model for the Case of Pressurized H <sub>2</sub> S. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2017</b> , 30, 151-156	1.5	11
475	Dislocations as a boundary between charge density wave and oxygen rich phases in a cuprate high temperature superconductor. <i>Superconductor Science and Technology</i> , <b>2017</b> , 30, 035016	3.1	4
474	High-T <sub>c</sub> Copper Oxide Superconductors and Related Novel Materials. <i>Springer Series in Materials Science</i> , <b>2017</b> ,	0.9	4
473	Low-temperature anomalies of EXAFS at the K-edge of As in superconducting LaFe <sub>0.89</sub> Co <sub>0.11</sub> AsO. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 941, 012058	0.3	3
472	Evidence for strong lattice effects as revealed from huge unconventional oxygen isotope effects on the pseudogap temperature in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	16
471	Possible Fano resonance for high-T <sub>c</sub> multi-gap superconductivity in p-Terphenyl doped by K at the Lifshitz transition. <i>Europhysics Letters</i> , <b>2017</b> , 118, 37003	1.6	36
470	Nanoscale Phase Separation and Lattice Complexity in VO <sub>2</sub> : The Metal-Insulator Transition Investigated by XANES via Auger Electron Yield at the Vanadium L <sub>23</sub> -Edge and Resonant Photoemission. <i>Condensed Matter</i> , <b>2017</b> , 2, 38	1.8	14
469	Metastability Phenomena in VO <sub>2</sub> Thin Films. <i>Condensed Matter</i> , <b>2017</b> , 2, 10	1.8	14

468	The Road Map toward Room-Temperature Superconductivity: Manipulating Different Pairing Channels in Systems Composed of Multiple Electronic Components. <i>Condensed Matter</i> , <b>2017</b> , 2, 24	1.8	14
467	X-Rays Writing/Reading of Charge Density Waves in the CuO <sub>2</sub> Plane of a Simple Cuprate Superconductor. <i>Condensed Matter</i> , <b>2017</b> , 2, 26	1.8	8
466	Correlated Disorder in Myelinated Axons Orientational Geometry and Structure. <i>Condensed Matter</i> , <b>2017</b> , 2, 29	1.8	4
465	Lattice, Charge, and Spin Phase Inhomogeneity in Complex-Striped Quantum Matter. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 3013-3016	1.5	1
464	High temperature superconductivity in sulfur hydride under ultrahigh pressure: A complex superconducting phase beyond conventional BCS. <i>Novel Superconducting Materials</i> , <b>2016</b> , 2,		8
463	Complex Lattice and Charge Inhomogeneity Favoring Quantum Coherence in High-Temperature Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 557-561	1.5	
462	Electronic Structure of Superoxygenated La <sub>2</sub> NiO <sub>4</sub> Domains with Ordered Oxygen Interstitials. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 615-621	1.5	7
461	High-Temperature Superconductivity in a Hyperbolic Geometry of Complex Matter from Nanoscale to Mesoscopic Scale. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 627-631	1.5	30
460	Breakdown of the Migdal approximation at Lifshitz transitions with giant zero-point motion in the H <sub>3</sub> S superconductor. <i>Scientific Reports</i> , <b>2016</b> , 6, 24816	4.9	67
459	From the Pion Cloud of Tomonaga to the Electron Pairs of Schrieffer: Many Body Wave Functions from Nuclear Physics to Condensed Matter Physics. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 3107-3111	1.5	4
458	FeAs Bond Fluctuations in a Double-Well Potential in LaFeAsO. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 3035-3039	1.5	9
457	Two-Dimensional Nanogranularity of the Oxygen Chains in the YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.33</sub> Superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 3023-3026	1.5	
456	The flux dynamics behavior of the two competing high temperature superconducting phases in underdoped LaCuO <sub>4</sub> . <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 12534-40	3.6	3
455	Shape-Resonant Superconductivity in Nanofilms: from Weak to Strong Coupling. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 3081-3086	1.5	9
454	Temperature-Dependent As K-Edge EXAFS Studies of LaFe <sub>1-x</sub> Co <sub>x</sub> AsO (x = 0.0 and 0.11) Single Crystals. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 3041-3047	1.5	3
453	Intrinsic arrested nanoscale phase separation near a topological Lifshitz transition in strongly correlated two-band metals. <i>Superconductor Science and Technology</i> , <b>2015</b> , 28, 024005	3.1	39
452	CDW and Similarity of the Mott Insulator-to-Metal Transition in Cuprates with the Gas-to-Liquid-Liquid Transition in Supercooled Water. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 1355-1363	1.5	18
451	Superstripes in the Low Energy Physics of Complex Quantum Matter at the Mesoscale. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 1227-1229	1.5	4

450	Inhomogeneity of charge-density-wave order and quenched disorder in a high-T <sub>c</sub> superconductor. <i>Nature</i> , <b>2015</b> , 525, 359-62	50.4	213
449	Lifshitz transitions and zero point lattice fluctuations in sulfur hydride showing near room temperature superconductivity. <i>Novel Superconducting Materials</i> , <b>2015</b> , 1,		28
448	Superconductivity above the lowest Earth temperature in pressurized sulfur hydride. <i>Europhysics Letters</i> , <b>2015</b> , 112, 37001	1.6	71
447	Direct observation of nanoscale interface phase in the superconducting chalcogenide K <sub>x</sub> Fe <sub>2-y</sub> Se <sub>2</sub> with intrinsic phase separation. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	51
446	Networks of superconducting nano-puddles in 1/8 doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.5+y</sub> controlled by thermal manipulation. <i>New Journal of Physics</i> , <b>2014</b> , 16, 053030	2.9	25
445	Soft x-ray absorption and high-resolution powder x-ray diffraction study of superconducting Ca La <sub>1</sub> Ba <sub>1.75</sub> □ <sub>0.25</sub> +Cu <sub>3</sub> O system. <i>Journal of Physics and Chemistry of Solids</i> , <b>2014</b> , 75, 259-264	3.9	8
444	Superstripes and Percolating Nanoscale-Striped Puddles in Heterostructures at Atomic Limit. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 909-912	1.5	4
443	Percolative superconductivity in La <sub>2</sub> CuO <sub>4.06</sub> by lattice granularity patterns with scanning micro x-ray absorption near edge structure. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 221903	3.4	31
442	Shape Resonances in superconducting gaps in a 2DEG at oxide- oxide interface. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 529, 012007	0.3	21
441	Spectromicroscopy of electronic phase separation in K <sub>x</sub> Fe <sub>2-y</sub> Se <sub>2</sub> superconductor. <i>Scientific Reports</i> , <b>2014</b> , 4, 5592	4.9	33
440	Changes of statistical structural fluctuations unveils an early compacted degraded stage of PNS myelin. <i>Scientific Reports</i> , <b>2014</b> , 4, 5430	4.9	10
439	Controlling photoinduced electron transfer via defects self-organization for novel functional macromolecular systems. <i>Current Protein and Peptide Science</i> , <b>2014</b> , 15, 394-9	2.8	14
438	Temperature Dependence of (sqrt{2} times sqrt{2}) Phase in Superconducting K <sub>0.8</sub> Fe <sub>1.6</sub> Se <sub>2</sub> Single Crystal. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 1003-1007	1.5	4
437	Imaging Spatial Ordering of the Oxygen Chains in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+y</sub> at the Insulator-to-Metal Transition. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 987-990	1.5	11
436	Superstripes and Superconductivity in Complex Granular Matter. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 2585-2588	1.5	6
435	Competing Striped Structures in La <sub>2</sub> CuO <sub>4+y</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 2703-2708	1.5	11
434	Isotope Effect at the Fano Resonance in Superconducting Gaps for Multiband Superconductors at a 2.5 Lifshitz Transition. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 1319-1324	1.5	7
433	Effects of Excess or Deficiency of Oxygen Content on the Electronic Structure of High-T <sub>c</sub> Cuprates. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 2597-2601	1.5	10

432	Shape Resonances in Superconducting Gaps and Complexity in Superstripes. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 2821-2827	1.5	0
431	Multiscale distribution of oxygen puddles in 1/8 doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.67</sub> . <i>Scientific Reports</i> , <b>2013</b> , 3, 2383	4.9	41
430	Interplay of electronic and lattice degrees of freedom in A <sub>1-x</sub> Fe <sub>2-y</sub> Se <sub>2</sub> superconductors under pressure. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	14
429	Fermi surface reconstruction of superoxygenated La <sub>2</sub> CuO <sub>4</sub> superconductors with ordered oxygen interstitials. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	19
428	Scanning micro-x-ray diffraction unveils the distribution of oxygen chain nanoscale puddles in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.33</sub> . <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	33
427	Shape resonances in multi-condensate granular superconductors formed by networks of nanoscale-striped puddles. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 449, 012002	0.3	11
426	Temperature and solvent dependence of the dynamical landscape of tau protein conformations. <i>Journal of Biological Physics</i> , <b>2012</b> , 38, 169-79	1.6	8
425	Continuous thermal collapse of the intrinsically disordered protein tau is driven by its entropic flexible domain. <i>Langmuir</i> , <b>2012</b> , 28, 13405-10	4	29
424	Transient state kinetic investigation of ferritin iron release. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 073703	3.4	30
423	Anomalous isotope effect near a 2.5 Lifshitz transition in a multi-band multi-condensate superconductor made of a superlattice of stripes. <i>Superconductor Science and Technology</i> , <b>2012</b> , 25, 124002	3.1	44
422	Phase Separation in Electron Doped Iron-Selenide K <sub>0.8</sub> Fe <sub>1.6</sub> Se <sub>2</sub> Superconductor by Scanning X-ray Nano-Diffraction. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2012</b> , 25, 1383-1387	1.5	1
421	Temporary secondary structures in tau, an intrinsically disordered protein. <i>Molecular Simulation</i> , <b>2012</b> , 38, 525-533	2	22
420	Local Structure in Mg <sub>1-x</sub> Al <sub>x</sub> B <sub>2</sub> System by High Resolution Neutron Diffraction. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2012</b> , 25, 1319-1322	1.5	10
419	Superstripes and Complexity in High-Temperature Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2012</b> , 25, 1403-1412	1.5	15
418	Influence of the Extra Layer on the Transport Properties of NdFeAsO <sub>1-x</sub> F <sub>0.14</sub> and FeSe <sub>0.88</sub> Superconductors from Magneto Dynamic Analysis. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2012</b> , 25, 1289-1292	1.5	3
417	Size evolution of the oxygen interstitial nanowires in La <sub>2</sub> CuO <sub>4+y</sub> by thermal treatments and x-ray continuous illumination. <i>Superconductor Science and Technology</i> , <b>2012</b> , 25, 124004	3.1	17
416	Optimum inhomogeneity of local lattice distortions in La <sub>2</sub> CuO <sub>(4+y)</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 15685-90	11.5	98
415	Effect of rare earth substitution in the density of electronic states of LnOFeAs. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 112631	2.5	5

414	Nanoscale phase separation in the iron chalcogenide superconductor $K0.8Fe1.6Se2$ as seen via scanning nanofocused x-ray diffraction. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	212
413	Evolution and control of oxygen order in a cuprate superconductor. <i>Nature Materials</i> , <b>2011</b> , 10, 733-6	27	133
412	Isotope and interband effects in a multi-band model of superconductivity. <i>New Journal of Physics</i> , <b>2011</b> , 13, 093009	2.9	14
411	The Physics of Life and Quantum Complex Matter: A Case of Cross-Fertilization. <i>Life</i> , <b>2011</b> , 1, 3-6	3	2
410	Shape Resonance at a Lifshitz Transition for High Temperature Superconductivity in Multiband Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 1137-1143	1.5	14
409	Fractal Structure Favoring Superconductivity at High Temperatures in a Stack of Membranes Near a Strain Quantum Critical Point. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 1195-1200	1.5	24
408	On the Structural Transition Driven by Band Nesting in 1111 Pnictides. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 1201-1205	1.5	2
407	Two-Bands Superconductivity with Intra- and Interband Pairing for Synthetic Superlattices. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 1213-1218	1.5	2
406	Resonances and Complexity: From Stripes to Superstripes. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 1117-1121	1.5	3
405	Reconstitution of aluminium and iron core in horse spleen apoferritin. <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 6149-6155	2.3	19
404	Spatial inhomogeneity and planar symmetry breaking of the lattice incommensurate supermodulation in the high-temperature superconductor $Bi2Sr2CaCu2O8+y$ . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	42
403	Intrinsic phase separation in superconducting $K0.8Fe1.6Se2$ ( $T_c = 31.8$ K) single crystals. <i>Superconductor Science and Technology</i> , <b>2011</b> , 24, 082002	3.1	117
402	Shape resonance for the anisotropic superconducting gaps near a Lifshitz transition: the effect of electron hopping between layers. <i>Superconductor Science and Technology</i> , <b>2011</b> , 24, 015012	3.1	50
401	Far from equilibrium percolation, stochastic and shape resonances in the physics of life. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 6810-33	6.3	8
400	Scale-free structural organization of oxygen interstitials in $La(2)CuO(4+y)$ . <i>Nature</i> , <b>2010</b> , 466, 841-4	50.4	203
399	Misfit Strain in Superlattices Controlling the Electron-Lattice Interaction via Microstrain in Active Layers. <i>Advances in Condensed Matter Physics</i> , <b>2010</b> , 2010, 1-7	1	33
398	On the possibility of a new multiband heterostructure at the atomic limit made of alternate $CuO_2$ and FeAs superconducting layers. <i>Superconductor Science and Technology</i> , <b>2010</b> , 23, 052003	3.1	27
397	Resonant and crossover phenomena in a multiband superconductor: Tuning the chemical potential near a band edge. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	115

396	Local structural disorder in REFeAsO oxypnictides by RE L(3) edge XANES. <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 125701	1.8	16
395	Arsenic K-edge XANES study of REFeAsO oxypnictides. <i>Europhysics Letters</i> , <b>2010</b> , 90, 57001	1.6	12
394	Structural phase transition and superlattice misfit strain of RFeAsO (R=La, Pr, Nd, Sm). <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	35
393	<sup>27</sup> Al and <sup>11</sup> B NMR Study of the Two-Band Superconductor Mg <sub>1-x</sub> Al <sub>x</sub> B <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 124711	1.5	2
392	The a.c. susceptibility third harmonic component of NdO <sub>1-x</sub> F <sub>0.14</sub> FeAs: A flux dynamic magnetic analysis. <i>Journal of Physics and Chemistry of Solids</i> , <b>2010</b> , 71, 1046-1052	3.9	12
391	Antiferromagnetic stripe ordering at the tetragonal-orthorhombic transition in LnOFeAs probed by X-ray absorption spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , <b>2010</b> , 71, 1118-1122	3.9	2
390	Anisotropic and multiband pairing: from borides to multicomponent superconductivity. <i>Superconductor Science and Technology</i> , <b>2009</b> , 22, 010301	3.1	7
389	A two-band model for the phase separation induced by the chemical mismatch pressure in different cuprate superconductors. <i>Superconductor Science and Technology</i> , <b>2009</b> , 22, 014007	3.1	37
388	Feshbach resonance and mesoscopic phase separation near a quantum critical point in multiband FeAs-based superconductors. <i>Superconductor Science and Technology</i> , <b>2009</b> , 22, 014004	3.1	74
387	Local lattice dynamics and isotope effect in yttrium diboride probed by extended x-ray absorption fine structure spectroscopy. <i>New Journal of Physics</i> , <b>2009</b> , 11, 083005	2.9	6
386	A possible mechanism for evading temperature quantum decoherence in living matter by feshbach resonance. <i>International Journal of Molecular Sciences</i> , <b>2009</b> , 10, 2084-106	6.3	15
385	The International Conference on Quantum Phenomena in Complex Matter (Stripes08). <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 1-1	1.5	
384	From Majorana Theory of Atomic Autoionization to Feshbach Resonances in High Temperature Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 215-221	1.5	29
383	The Tetragonal to Orthorhombic Structural Phase Transition in Multiband FeAs-based Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 305-308	1.5	19
382	X-ray Absorption Spectroscopy Probing the Local Structure Changes at the Tetragonal-Orthorhombic Transition in LnOFeAs Pnictides. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 579-583	1.5	6
381	Flux Dynamics in NdO <sub>1-x</sub> F <sub>x</sub> FeAs Bulk Sample. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 549-552	1.5	6
380	Unity in the Diversity. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 527-528	1.5	6
379	The Microstrain-Doping Phase Diagram of the Iron Pnictides: Heterostructures at Atomic Limit. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 589-593	1.5	25

378	A Model for Liquid-Striped Liquid Phase Separation in Liquids of Anisotropic Polarons. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 529-533	1.5	32
377	Correlation between local vibrations and metal mass in AlB <sub>2</sub> -type transition-metal diborides. <i>Journal of Synchrotron Radiation</i> , <b>2009</b> , 16, 30-7	2.4	6
376	Isotope effect on the E <sub>2g</sub> phonon and mesoscopic phase separation near the electronic topological transition in Mg <sub>1-x</sub> Al <sub>x</sub> B <sub>2</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	25
375	RE L(3) x-ray absorption study of REO(1-x)F(x)FeAs (RE = La, Pr, Nd, Sm) oxypnictides. <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 432201	1.8	19
374	The effect of internal pressure on the tetragonal to monoclinic structural phase transition in ReOFeAs: the case of NdOFeAs. <i>Superconductor Science and Technology</i> , <b>2008</b> , 21, 092002	3.1	69
373	Controlling mesoscopic phase separation near electronic topological transitions via quenched disorder in ternary diborides. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 434222	1.8	9
372	Model for phase separation controlled by doping and the internal chemical pressure in different cuprate superconductors. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	77
371	The Feshbach resonance and nanoscale phase separation in a polaron liquid near the quantum critical point for a polaron Wigner crystal. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 108, 012036	0.3	32
370	Two-band superconductivity in (AlMg)B <sub>2</sub> : Critical temperature and isotope exponent as a function of carrier density. <i>Physica C: Superconductivity and Its Applications</i> , <b>2008</b> , 468, 2299-2304	1.3	4
369	Lattice vibrational property in the transition-metal diboride ZrB <sub>2</sub> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2008</b> , 70, 466-70	4.4	5
368	Abnormal isotopic shift of the broad band in the Mg <sub>1-x</sub> Al <sub>x</sub> 10,11B <sub>2</sub> superconductor. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 612-613	1.3	2
367	Manipulation of Mesoscopic Phase Separation by X-ray Illumination. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2007</b> , 20, 551-554	1.5	3
366	Imaging of Polarons in Ferromagnetic Bilayered Manganites by Scanning Tunnelling Microscopy. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2007</b> , 20, 531-533	1.5	2
365	Local Lattice Dynamics in the Mg <sub>0.5</sub> Al <sub>0.5</sub> B <sub>2</sub> Superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2007</b> , 20, 505-510	1.5	3
364	Controlling the Critical Temperature in Mg <sub>1-x</sub> Al <sub>x</sub> B <sub>2</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2007</b> , 20, 495-501	1.5	9
363	X-ray Absorption Near Edge Structure (XANES) microscopy of phase separation in superconducting Mg <sub>1-x</sub> Sc <sub>x</sub> B <sub>2</sub> . <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2007</b> , 62, 717-719	3.1	5
362	II.1 Magnesium diboride and the two-band scenario <b>2007</b> , 93-101		
361	Lattice dynamics study of AlB <sub>2</sub> -type 4d transition-metal diborides by extended X-ray-absorption fine structure. <i>Radiation Physics and Chemistry</i> , <b>2006</b> , 75, 2080-2084	2.5	3

360	Possible clean superconductivity in doped nanotube crystals. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 2187-2191	3.9	1
359	Feshbach shape resonance for high T <sub>c</sub> superconductivity in superlattices of nanotubes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2006</b> , 203, 2950-2955	1.6	7
358	Multiband superconductivity in high T <sub>c</sub> cuprates and diborides. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 567-570	3.9	16
357	Study of temperature dependent atomic correlations in MgB <sub>2</sub> . <i>European Physical Journal B</i> , <b>2006</b> , 52, 15-21	1.2	31
356	Symmetry and Heterogeneity in High Temperature Superconductors <b>2006</b> ,		7
355	A Case of Complex Matter: Coexistence of Multiple Phase Separations in Cuprates <b>2006</b> , 147-156		1
354	Feshbach Shape Resonances in Multiband High T <sub>c</sub> Superconductors <b>2006</b> , 21-53		5
353	Nanoscale Lattice Fluctuations in Cuprates and Manganites. <i>Structure and Bonding</i> , <b>2005</b> , 287-330	0.9	22
352	Feshbach Shape Resonance in Multiband Superconductivity in Heterostructures. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 625-636		72
351	Multiband Superconductors Close to a 3D $\rightarrow$ 2D Electronic Topological Transition. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 619-623		6
350	Complex Phase Separation in Oxygen-Doped Cuprates La <sub>2</sub> CuO <sub>4+y</sub> Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 637-642		4
349	T <sub>c</sub> as a Function of Electron Doping in Mg <sub>10</sub> B <sub>2</sub> Using Sc for Mg Substitution. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 667-670		2
348	Activation Energy of the Photo Induced Q <sub>2</sub> Oxygen Ordered Phase in the La <sub>2</sub> CuO <sub>4.08</sub> Superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 671-674		4
347	Anomalous Thermal Expansion in Superconducting Mg <sub>1-x</sub> Al <sub>x</sub> B <sub>2</sub> System. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 737-741		3
346	The Material-Dependent Parameter Controlling the Universal Phase Diagram of Cuprates. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 773-777		2
345	Two-Band Eliashberg Theory in Doped MgB <sub>2</sub> : Experimental T <sub>c</sub> and Superconductive Gaps. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 791-795		4
344	Common features in high T <sub>c</sub> cuprates and diborides. <i>Current Applied Physics</i> , <b>2005</b> , 5, 254-258	2.6	4
343	Feshbach shape resonances in nanoscale multiband systems for high T <sub>c</sub> superconductivity. <i>European Physical Journal Special Topics</i> , <b>2005</b> , 131, 49-54		3

342	CHARACTERIZATION OF 3D TRANSITION-METAL DIBORIDES BY X-RAY-ABSORPTION SPECTRA AT THE METAL K EDGE. <i>International Journal of Modern Physics B</i> , <b>2005</b> , 19, 2386-2391	1.1	5
341	Local structure and superconductivity of the Ce <sub>1-x</sub> La <sub>x</sub> Ru <sub>2</sub> Laves phase system. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	8
340	Substitution of Sc for Mg in MgB <sub>2</sub> : Effects on transition temperature and Kohn anomaly. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	71
339	Temperature-Dependent Local Distortions and the Inhomogeneous CuO <sub>2</sub> Plane of La-Based Superconducting Oxides. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2004</b> , 17, 103-108		5
338	Effect of Temperature and X-Ray Illumination on the Oxygen Ordering in La <sub>2</sub> CuO <sub>4.1</sub> Superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2004</b> , 17, 137-142		5
337	The T <sub>c</sub> Amplification by $\delta$ shape Resonance in Doped MgB <sub>2</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2004</b> , 17, 205-209		12
336	Key role of local structure in the anomalous superconductivity of the Ce <sub>1-x</sub> La <sub>x</sub> Ru <sub>2</sub> system. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E139-E140	2.8	1
335	Sc doping of MgB <sub>2</sub> : the structural and electronic properties of Mg <sub>1-x</sub> Sc <sub>x</sub> B <sub>2</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>2004</b> , 65, 1479-1484	3.9	28
334	Advances in doping MgB <sub>2</sub> : tuning the Fermi level to the $\delta$ shape resonance by Sc substitution. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2004</b> , 1, 1832-1835		
333	Two-band Eliashberg equations and the experimental T <sub>c</sub> of the diboride Mg <sub>1-x</sub> Al <sub>x</sub> B <sub>2</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>2004</b> , 407, 121-127	1.3	71
332	Determination of local distortions in the charge ordered and CMR La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> manganites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, 454-455	2.8	4
331	Evidence for anisotropic atomic displacements and orbital distribution in the inhomogeneous CuO <sub>2</sub> plane of the Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+x</sub> system. <i>Journal of Physics and Chemistry of Solids</i> , <b>2004</b> , 65, 1439-1443	3.9	6
330	ANISOTROPIC THERMAL EXPANSION IN DIBORIDES AS A FUNCTION OF MICRO-STRAIN. <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 812-818	1.1	4
329	TEMPERATURE AND X-RAY ILLUMINATION EFFECTS IN OXYGEN DOPED La <sub>2</sub> CuO <sub>4</sub> . <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 836-841	1.1	3
328	EFFECTS OF THE Al CONTENT IN MgB <sub>2</sub> : A RAMAN STUDY. <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 505-511	1.1	2
327	Different temperature-dependent local displacements in the underdoped and overdoped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> system. <i>Europhysics Letters</i> , <b>2003</b> , 63, 125-131	1.6	23
326	ReFLexAFS technique: a powerful tool for structural study in new materials. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	2
325	Ugo Fano and shape resonances. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	10

324	Unified interpretation of pre-edge x-ray absorption fine structures in 3d transition metal compounds. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	3
323	Dynamics of Photoionization and Photoexcitation of Molecules Probed by Multiple Coincidence Momentum Imaging. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	3
322	Study of Temperature Dependent Local Structure by Polarized Cu K-edge EXAFS Measurements on La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> (x=0.105, 0.13, 0.20). <i>Journal of the Physical Society of Japan</i> , <b>2003</b> , 72, 829-834	1.5	7
321	Multiple-Auger electron ejection after inner-shell ionization and excitation. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	3
320	Temperature dependent local Cu-O displacements from underdoped to overdoped La-Sr-Cu-O superconductor. <i>European Physical Journal B</i> , <b>2003</b> , 36, 75-80	1.2	26
319	The role of boron lattice expansion in superconducting diborides. <i>Intermetallics</i> , <b>2003</b> , 11, 1339-1344	3.5	3
318	Temperature-dependent local structure in the Nb <sub>3</sub> Ge superconductor studied by high-resolution Ge K-edge EXAFS measurements. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	12
317	Raising the diboride superconductor transition temperature using quantum interference effects. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	71
316	The strain of CuO <sub>2</sub> lattice: the second variable for the phase diagram of cuprate perovskites. <i>Journal of Physics A</i> , <b>2003</b> , 36, 9133-9142		74
315	Doping dependence of the low-energy excitations in superconducting Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\delta</math></sub> —Evidence for thermal phase fluctuations. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	4
314	Superstripes. <i>Fundamental Materials Research</i> , <b>2002</b> , 375-388		8
313	Optical conductivity of the nonsuperconducting cuprate La <sub>8-x</sub> Sr <sub>x</sub> Cu <sub>8</sub> O <sub>20</sub> . <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	25
312	X-RAY ABSORPTION STUDY OF Mg <sub>1-x</sub> Al <sub>x</sub> B <sub>2</sub> AT B K-EDGE. <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 1619-1626	1.1	3
311	SIGNATURE OF LOCAL STRUCTURE ANOMALY AT T <sub>c</sub> IN THE Nb <sub>3</sub> Ge SUPERCONDUCTOR. <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 1713-1719	1.1	1
310	DISORDER TO ORDER-LIKE TRANSITION IN La <sub>2</sub> CuO <sub>4.1</sub> SUPERCONDUCTOR INDUCED BY HIGH INTENSITY X-RAYS. <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 1627-1632	1.1	
309	STUDY OF ELECTRONIC STRUCTURE OF MgB <sub>2</sub> BY MULTIPLE-SCATTERING CALCULATIONS OF B K-EDGE XANES. <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 1605-1612	1.1	1
308	Lattice fluctuations and inhomogeneous charge states of high-T <sub>c</sub> superconductors. <i>Superconductor Science and Technology</i> , <b>2002</b> , 15, 439-445	3.1	8
307	A study of the Nb <sub>3</sub> Ge system by Ge K-edge extended x-ray absorption fine structure and x-ray absorption near-edge structure spectroscopy. <i>Journal of Physics Condensed Matter</i> , <b>2002</b> , 14, 13543-13550	1.8	1

306	The amplification of the superconducting $T_c$ by combined effect of tuning of the Fermi level and the tensile micro-strain in $\text{Al}_{1-x}\text{Mg}_x\text{B}_2$ . <i>Europhysics Letters</i> , <b>2002</b> , 58, 278-284	1.6	43
305	Lattice-Charge Stripes in the High- $T_c$ Superconductors <b>2002</b> , 9-25		2
304	Photo-Induced Phase Transition to a Striped Polaron Crystal in Cuprates. <i>Phase Transitions</i> , <b>2002</b> , 75, 927-933	1.3	9
303	HIGH $T_c$ SUPERCONDUCTIVITY IN DIBORIDES BY MICRO-STRAIN AND FERMI LEVEL TUNING. <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 1591-1598	1.1	6
302	Scaling of the critical temperature with the Fermi temperature in diborides. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	80
301	Behavior of fluorinated analogs of L-(3,4-dihydroxyphenyl)alanine and L-threo-(3,4-dihydroxyphenyl)serine as substrates for Dopa decarboxylase. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 295, 107-11	3.4	3
300	Fermi Surface of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ Superconductor by Angle-Scanning Photoemission <b>2002</b> , 237-243		
299	Evidence for Strongly Interacting Electrons with Collective Modes at $q(0.4\pi, 0.4\pi)$ and $G(\pi)$ in the Normal Phase of High- $T_c$ Superconductors <b>2002</b> , 253-262		
298	Stripes and Related Phenomena <b>2002</b> ,		8
297	The strain quantum critical point for superstripes. <i>AIP Conference Proceedings</i> , <b>2001</b> ,	0	2
296	Local lattice fluctuations and charge-stripe ordering in the high $T_c$ superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>2001</b> , 357-360, 117-120	1.3	2
295	Gapless state in low- and high- $T_c$ superconductors: evidence for thermal phase fluctuations. <i>Physica C: Superconductivity and Its Applications</i> , <b>2001</b> , 364-365, 235-238	1.3	
294	A superconductor made by a metal heterostructure at the atomic limit tuned at the 'shape resonance': $\text{MgB}_2^*$ . <i>Journal of Physics Condensed Matter</i> , <b>2001</b> , 13, 7383-7390	1.8	62
293	High $T_c$ superconductivity in a critical range of micro-strain and charge density in diborides. <i>Journal of Physics Condensed Matter</i> , <b>2001</b> , 13, 11689-11695	1.8	36
292	Effect of the Al content on the optical phonon spectrum in $\text{Mg}_{1-x}\text{Al}_x\text{B}_2$ . <i>Physical Review B</i> , <b>2001</b> , 65,	3.3	91
291	Thermal conductivity of superconducting $\text{MgB}_2$ . <i>Journal of Physics Condensed Matter</i> , <b>2001</b> , 13, L487-L493		55
290	Hg L3 edge absorption study of the $\text{HgBa}_2\text{CuO}_{4+x}$ Superconductor. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	3
289	Evidence for local lattice fluctuations as a response function of the charge stripe order in the $\text{La}_{1.48}\text{Nd}_{0.4}\text{Sr}_{0.12}\text{CuO}_4$ system. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	19

288	A quantum phase transition driven by the electron lattice interaction gives high TC superconductivity. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 317-318, 537-541	5-7	54
287	On the change of electronic states at the Fermi level by Ce doping in the intermetallic LaRu <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 317-318, 542-545	5-7	1
286	Evidence for Critical Lattice Fluctuations in the HighTcCuprates. <i>Journal of the Physical Society of Japan</i> , <b>2001</b> , 70, 2092-2097	1-5	37
285	Coexistence of stripes and superconductivity: Tc amplification in a superlattice of superconducting stripes. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 341-348, 1719-1722	1-3	52
284	On the topological features at the Fermi surface of Bi2212 system revealed by angle scanning photoemission. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 341-348, 2071-2074	1-3	5
283	Large fluctuations near the superconducting transition in the underdoped Bi2212. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 332, 405-410	1-3	12
282	Transformation of strings into an inhomogeneous phase of stripes and itinerant carriers. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2000</b> , 275, 118-123	2-3	47
281	Evidence for the strain critical point in high Tc superconductors. <i>European Physical Journal B</i> , <b>2000</b> , 18, 617-624	1-2	45
280	Asymmetric local displacements in the Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ superconductor. <i>European Physical Journal B</i> , <b>2000</b> , 18, 257-261	1-2	6
279	Charge stripes formation by x-ray illumination in high Tc superconductors <b>2000</b> ,		1
278	ANOMALOUS INFRARED PROPERTIES OF THE OXYGEN DEFICIENT CUPRATE La <sub>8-x</sub> Sr <sub>x</sub> Cu <sub>8</sub> O <sub>20</sub> . <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3542-3547	1-1	
277	STUDY OF COMPLEX Cu-O LATTICE IN La <sub>8-x</sub> Sr <sub>x</sub> Cu <sub>8</sub> O <sub>20</sub> BY HIGH RESOLUTION X-RAY ABSORPTION SPECTROSCOPY. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3656-3661	1-1	2
276	SUPERSTRIPES BY ANOMALOUS X-RAY DIFFRACTION AND ANGLE RESOLVED PHOTOEMISSION IN BI2212. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3649-3655	1-1	13
275	ANISOTROPIC IN PLAIN Cu-O STRAIN AND THE STRIPE QUANTUM CRITICAL POINT IN YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+k</sub> . <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3668-3672	1-1	6
274	LOCAL STRUCTURE OF THE CHARGE ORDERED La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 2852-2857	1-1	1
273	METALLIC STRIPES IN OXYGEN DOPED La <sub>2</sub> CuO <sub>4</sub> . <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3438-3443	1-1	12
272	LOCAL LATTICE FLUCTUATIONS AS A FUNCTION OF CHEMICAL PRESSURE. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 2761-2766	1-1	4
271	THE STRAIN QUANTUM CRITICAL POINT FOR SUPERSTRIPES IN THE PHASE DIAGRAM OF ALL CUPRATE PEROVSKITES. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3342-3355	1-1	49

270	The stripe critical point for cuprates. <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 10655-10666	1.8	70
269	LOCAL LATTICE DISTORTIONS IN YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> PROBED BY XAS: CRITICAL FLUCTUATION, PSEUDOGAP OPENING AND STRIPE ORDERING. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3623-3631 <sup>6</sup>	1.1	6
268	Local structure and stripes in the cuprate superconductors <b>2000</b> , 4058, 41		
267	Ru K-edge absorption study on the La <sub>1-x</sub> Ce <sub>x</sub> Ru <sub>2</sub> system. <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 6971-6978	1.8	20
266	DOPING DEPENDENT FLUCTUATIONS NEAR T <sub>c</sub> IN THE Bi <sub>2</sub> 2 <sub>12</sub> SUPERCONDUCTOR. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 2872-2877	1.1	1
265	COEXISTENCE OF CHARGES TRAPPED IN LOCAL LATTICE DISTORTIONS AND FREE CARRIERS IN CUPRATES. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3398-3405	1.1	8
264	SUPERSTRIPES. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3289-3297	1.1	76
263	The stripe scenario in high T <sub>c</sub> superconductors. <i>European Physical Journal Special Topics</i> , <b>1999</b> , 09, Pr10-325-Pr10-325		
262	Oxygen-isotope shift of the charge-stripe ordering temperature in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> from x-ray absorption spectroscopy. <i>Journal of Physics Condensed Matter</i> , <b>1999</b> , 11, L541-L546	1.8	105
261	Saini et al. Reply. <i>Physical Review Letters</i> , <b>1999</b> , 82, 2619-2619	7.4	13
260	Single-particle properties of a model for coexisting charge and spin quasicritical fluctuations coupled to electrons. <i>Physical Review B</i> , <b>1999</b> , 59, 14980-14991	3.3	38
259	Anomalous local atomic correlations in HgBa <sub>2</sub> CuO <sub>4</sub> + $\delta$ . <i>Physical Review B</i> , <b>1999</b> , 59, 3851-3854	3.3	13
258	Measurement of an anisotropic pseudogap at room temperature in optimally doped Bi <sub>2</sub> 2 <sub>12</sub> . <i>Physica B: Condensed Matter</i> , <b>1999</b> , 259-261, 1132-1133	2.8	
257	The non-Fermi liquid behavior and diagonal lattice stripes in cuprate superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>1999</b> , 317-318, 304-311	1.3	6
256	TDXAS study of the conformational landscape of MbCO. <i>Journal of Synchrotron Radiation</i> , <b>1999</b> , 6, 389-91.4	1.4	2
255	Spatial cross-over of polarons across the CMR transition in La <sub>0.75</sub> Ca <sub>0.25</sub> MnO <sub>3</sub> system. <i>Journal of Synchrotron Radiation</i> , <b>1999</b> , 6, 776-8	2.4	4
254	Anomalous structural modulations in La <sub>2</sub> CuO <sub>4</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>1998</b> , 296, 7-12	1.3	5
253	Light induced states in MbCO denatured with guanidine hydrochloride. <i>European Biophysics Journal</i> , <b>1998</b> , 27, 1-7	1.9	5

252	Spin-resolved X-ray absorption near edge structure (XANES) simulation of metmyoglobin. <i>European Biophysics Journal</i> , <b>1998</b> , 27, 541-548	1.9	8
251	THE FERMI SURFACE OF A HIGH-T <sub>c</sub> SUPERCONDUCTOR AT OPTIMUM DOPING BY ANGLE-SCANNING PHOTOEMISSION SPECTROSCOPY. <i>Journal of Physics and Chemistry of Solids</i> , <b>1998</b> , 59, 1884-1887	3.9	6
250	A TRANSITION FROM LARGE TO SMALL POLARONS IN THE La <sub>0.75</sub> Ca <sub>0.25</sub> MnO <sub>3</sub> PEROVSKITE SYSTEM. <i>Journal of Physics and Chemistry of Solids</i> , <b>1998</b> , 59, 2220-2223	3.9	5
249	Superconductivity of a striped phase at the atomic limit. <i>Physica C: Superconductivity and Its Applications</i> , <b>1998</b> , 296, 269-280	1.3	133
248	Crossover from Large to Small Polarons across the Metal-Insulator Transition in Manganites. <i>Physical Review Letters</i> , <b>1998</b> , 81, 878-881	7.4	174
247	Evidence for a second one-dimensional set of states shedding light on the normal phase of high-T <sub>c</sub> superconductors. <i>Physical Review B</i> , <b>1998</b> , 57, R11101-R11104	3.3	23
246	Local structural features of the superconducting Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ system: A polarized Cu K-edge XAS study. <i>Physical Review B</i> , <b>1998</b> , 58, 11768-11773	3.3	35
245	Decrease of Itinerant Holes near the Metal to Insulator Crossover in Superconducting La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , <b>1998</b> , 67, 393-396	1.5	9
244	Study of Cu $\mu$ and Cu $\lambda$ a Pair Correlations in Superconducting La <sub>2</sub> CuO <sub>4</sub> .1 System by Cu K-Edge EXAFS. <i>Journal of the Physical Society of Japan</i> , <b>1998</b> , 67, 16-19	1.5	3
243	Topology of the Pseudogap and Shadow Bands in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ at Optimum Doping. <i>Physical Review Letters</i> , <b>1997</b> , 79, 3467-3470	7.4	134
242	Temperature-dependent modulation amplitude of the CuO <sub>2</sub> superconducting lattice in La <sub>2</sub> CuO <sub>4</sub> .1. <i>Physical Review B</i> , <b>1997</b> , 55, 9120-9124	3.3	49
241	Local lattice instability and stripes in the CuO <sub>2</sub> plane of the La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> system by polarized XANES and EXAFS. <i>Physical Review B</i> , <b>1997</b> , 55, 12759-12769	3.3	115
240	From manganites to cuprates: a comparative study of the local lattice instability. <i>Zeitschrift für Physik B-Condensed Matter</i> , <b>1997</b> , 104, 699-702		6
239	Evidence for a striped phase of high T <sub>c</sub> superconductor at the Fermi surface. <i>Zeitschrift für Physik B-Condensed Matter</i> , <b>1997</b> , 104, 703-706		5
238	Electronic and superconducting properties of a superlattice of quantum stripes at the atomic limit. <i>Zeitschrift für Physik B-Condensed Matter</i> , <b>1997</b> , 104, 707-713		34
237	Aluminum site structure in serum transferrin and lactoferrin revealed by synchrotron radiation X-ray spectroscopy. <i>BioMetals</i> , <b>1997</b> , 10, 363-7	3.4	9
236	Anomalous Jahn-Teller distortions in La <sub>0.75</sub> Ca <sub>0.25</sub> MnO <sub>3</sub> system: An X-ray absorption study. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1997</b> , 10, 315-318		2
235	Evidence for onset of charge density wave in the La-based Perovskite superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1997</b> , 10, 319-321		18

234	The isotope effect in a superlattice of quantum stripes. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1997</b> , 10, 355-359		14
233	Tc amplification and pseudogap at a shape resonance in a superlattice of quantum stripes. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1997</b> , 10, 383-387		17
232	Structural instability around Tc observed in Hg-1201 by neutron powder diffraction and EXAFS. <i>Physica C: Superconductivity and Its Applications</i> , <b>1997</b> , 282-287, 1081-1082	1.3	14
231	High Tc superconductivity in a superlattice of quantum stripes. <i>Solid State Communications</i> , <b>1997</b> , 102, 369-374	1.6	71
230	From a Homogeneous CuO <sub>2</sub> Plane to a Superlattice of Quantum Stripes <b>1997</b> , 383-403		3
229	Stripe structure and Non-Homogeneity of the CuO <sub>2</sub> Plane by Joint EXAFS and Diffraction. <i>European Physical Journal Special Topics</i> , <b>1997</b> , 7, C2-735-C2-740		2
228	Conformational changes involved in the switch from ovalbumin to S-ovalbumin. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>1996</b> , 51, 379-85	1.7	7
227	Iron site structure of two irreversible hemichromes from human hemoglobin, untreated and oxidized to sulfoxide at MetD6(55)beta. <i>BBA - Proteins and Proteomics</i> , <b>1996</b> , 1294, 72-6		5
226	Temperature dependent local structure of the CuO <sub>2</sub> plane in the 18 doped La <sub>1.875</sub> Ba <sub>0.125</sub> CuO <sub>4</sub> system. <i>Solid State Communications</i> , <b>1996</b> , 97, 93-96	1.6	18
225	The gap amplification at a shape resonance in a superlattice of quantum stripes: A mechanism for high Tc. <i>Solid State Communications</i> , <b>1996</b> , 100, 181-186	1.6	113
224	Temperature dependent Cu <sup>2+</sup> O distribution function of the superconducting CuO <sub>2</sub> plane. <i>Physica C: Superconductivity and Its Applications</i> , <b>1996</b> , 268, 121-127	1.3	23
223	Tuning of the Fermi level at the second subband of a superlattice of quantum wires in the CuO <sub>2</sub> plane: A possible mechanism to raise the critical temperature. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1996</b> , 9, 343-348		3
222	The dinuclear copper site structure of Agaricus bisporus tyrosinase in solution probed by X-ray absorption spectroscopy. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 21025-30	5.4	32
221	Stripe structure in the CuO <sub>2</sub> plane of perovskite superconductors. <i>Physical Review B</i> , <b>1996</b> , 54, 12018-12021	3.3	106
220	Stripe structure of the CuO <sub>2</sub> plane in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+y</sub> by anomalous x-ray diffraction. <i>Physical Review B</i> , <b>1996</b> , 54, 4310-4314	3.3	109
219	Determination of the local lattice distortions in the CuO <sub>2</sub> plane of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <i>Physical Review Letters</i> , <b>1996</b> , 76, 3412-3415	7.4	55 <sup>0</sup>
218	High critical temperature in a superlattice of quantum wires. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1995</b> , 8, 545-548		25
217	L3 edge X-ray absorption spectrum of CeO <sub>2</sub> : crystal structure effects. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 208-209, 53-55	2.8	9

216	Self-absorption effect in fluorescence XAS of polarization dependent white lines. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 208-209, 143-144	2.8	7
215	Spin-dependent Mn XANES of MnO: theoretical analysis. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 208-209, 771-772	2.8	3
214	Conformational states of hemoproteins by XANES: The mutant VR myoglobin. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 208-209, 743-745	2.8	3
213	Local lattice instability of CuO <sub>2</sub> plane in La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> by polarized Cu K edge absorption. <i>Physica C: Superconductivity and Its Applications</i> , <b>1995</b> , 251, 383-388	1.3	10
212	Spin-dependent Mn K-edge XANES of MnO and MnF <sub>2</sub> : Full multiple-scattering analysis. <i>Physical Review B</i> , <b>1995</b> , 52, 11757-11762	3.3	17
211	The Measurement of the Polaron Size in the Metallic Phase of Cuprate Superconductors. <i>Europhysics Letters</i> , <b>1995</b> , 31, 411-415	1.6	71
210	Atomic and electronic structure probed by X-ray absorption spectroscopy: Full multiple scattering analysis with the G4XANES package. <i>Computational Materials Science</i> , <b>1995</b> , 4, 199-210	3.2	52
209	Spin-dependent Mn X-ray absorption near-edge structure of MnF <sub>2</sub> : full multiple-scattering analysis. <i>Journal of Physics Condensed Matter</i> , <b>1994</b> , 6, 9817-9824	1.8	7
208	High critical temperature by resonant quantum confinement: Evidence for polarons ordering at T* $\approx$ 1.5T <sub>c</sub> in Bi-2212 and La-214 by EXAFS. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , <b>1994</b> , 16, 1815-1820		4
207	Intermediate states in ligand photodissociation of carboxymyoglobin studies by dispersive X-ray absorption. <i>European Biophysics Journal</i> , <b>1994</b> , 23, 361-8	1.9	21
206	X-Ray Absorption Fine Structure Investigation of the High Pressure Phase of KBr and RbCl. Full Multiple Scattering Analysis. <i>Physica Status Solidi (B): Basic Research</i> , <b>1994</b> , 184, 237-245	1.3	6
205	The instability close to the 2D generalized wigner polaron crystal density: A possible pairing mechanism indicated by a key experiment. <i>Physica C: Superconductivity and Its Applications</i> , <b>1994</b> , 235-240, 269-272	1.3	47
204	Evidence for local lattice instability at T* $\approx$ 1.4 T <sub>c</sub> in Bi2212 by EXAFS. <i>Physica C: Superconductivity and Its Applications</i> , <b>1994</b> , 235-240, 1245-1246	1.3	14
203	The instability of a 2D electron gas near the critical density for a Wigner polaron crystal giving the quantum state of cuprate superconductors. <i>Solid State Communications</i> , <b>1994</b> , 91, 287-293	1.6	69
202	On the possibility of new high T <sub>c</sub> superconductors by producing metal heterostructures as in the cuprate perovskites. <i>Solid State Communications</i> , <b>1994</b> , 89, 933-936	1.6	94
201	On the Fermi liquid coupled with a generalized wigner polaronic CDW giving high T <sub>c</sub> superconductivity. <i>Solid State Communications</i> , <b>1994</b> , 91, 1-5	1.6	81
200	Structure-function relationship in the serotransferrin: the role of the pH on the conformational change and the metal ions release. <i>Biochemical and Biophysical Research Communications</i> , <b>1994</b> , 198, 646-52	3.4	20
199	Crystal-structure effects in the Ce L3-edge x-ray-absorption spectrum of CeO <sub>2</sub> : Multiple-scattering resonances and many-body final states. <i>Physical Review B</i> , <b>1994</b> , 50, 5074-5080	3.3	185

198	X-ray absorption spectroscopy of hemoglobin. <i>Methods in Enzymology</i> , <b>1994</b> , 232, 266-92	1.7	14
197	Polaron size and ordering by x-ray absorption: the quantum confinement of a 2D Fermi liquid giving high-T <sub>c</sub> superconductivity <b>1994</b> , 2158, 78		3
196	The Coupling of a Wigner Polaronic Charge Density Wave with a Fermi Liquid Arising from the Instability of a Wigner Polaron Crystal: A Possible Pairing Mechanism in High T <sub>c</sub> Superconductors <b>1994</b> , 272-289		5
195	High T <sub>c</sub> superconductivity by quantum confinement. <i>Journal De Physique, I</i> , <b>1994</b> , 4, 361-365		60
194	An x-ray absorption near edge structure spectroscopy study of metal coordination in Co(II)-substituted Carcinus maenas hemocyanin. <i>Biophysical Journal</i> , <b>1993</b> , 65, 2680-91	2.9	28
193	X-ray small angle scattering of the human transferrin protein aggregates. A fractal study. <i>Biophysical Journal</i> , <b>1993</b> , 64, 520-4	2.9	9
192	Two-electron excitations and one-electron multiple-scattering resonances in the x-ray absorption of solid neon. <i>Physical Review B</i> , <b>1993</b> , 47, 16155-16161	3.3	15
191	X-ray absorption fine-structure investigation of the ionic compounds NaBr, KBr and RbCl: full multiple-scattering analysis. <i>Journal of Physics Condensed Matter</i> , <b>1993</b> , 5, 7521-7528	1.8	8
190	Structure of the Different Cu Sites in the Corrugated CuO <sub>2</sub> Plane in HighT <sub>c</sub> Superconductors. <i>Japanese Journal of Applied Physics</i> , <b>1993</b> , 32, 578	1.4	16
189	Relevant role of hydrogen atoms in the XANES of Pd hydride: Evidence of hydrogen induced unoccupied states. <i>Solid State Communications</i> , <b>1993</b> , 85, 863-868	1.6	51
188	Unoccupied states in the rare earth monosulfides. <i>Physica B: Condensed Matter</i> , <b>1993</b> , 183, 187-190	2.8	4
187	On the Role of High-Order Multiple Scattering Terms in Br K-Edge XANES of the Ionic Conductor AgBr. <i>Physica Status Solidi (B): Basic Research</i> , <b>1993</b> , 176, 503-510	1.3	3
186	Electronic Structure and Symmetry of the Itinerant States in HighT <sub>c</sub> Superconductors. <i>Japanese Journal of Applied Physics</i> , <b>1993</b> , 32, 581	1.4	5
185	Electronic structure of Bi <sub>2</sub> CaSr <sub>2</sub> Cu <sub>2</sub> O <sub>8</sub> determined by a combined analysis of various polarized x-ray-absorption spectra. <i>Physical Review B</i> , <b>1992</b> , 45, 4989-5000	3.3	25
184	Ca 3d unoccupied states in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> investigated by Ca L <sub>2,3</sub> x-ray-absorption near-edge structure. <i>Physical Review B</i> , <b>1992</b> , 46, 8487-8495	3.3	13
183	Dynamics of CO recombination in sperm whale myoglobin by dispersive XANES. <i>AIP Conference Proceedings</i> , <b>1992</b> ,	0	1
182	Structure of densified vitreous silica: Silicon and oxygen XANES spectra and multiple scattering calculations. <i>Physics and Chemistry of Minerals</i> , <b>1992</b> , 19, 171	1.6	38
181	X-ray absorption spectroscopy of carbonyl basket handle Fe(II) porphyrins: the distortion of the tetrapyrrolic macrocycle. <i>BBA - Proteins and Proteomics</i> , <b>1992</b> , 1119, 169-74		16

180	Synchrotron Radiation Research <b>1992</b> ,		7
179	Surface X-Ray Absorption Near-Edge Structure: XANES <b>1992</b> , 63-115		7
178	One-electron excitations and shake up satellites in Cu K-edge X-ray absorption near edge structure (XANES) of La <sub>2</sub> CuO <sub>4</sub> by full multiple scattering analysis in real space. <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 175, 369-380	1.3	48
177	Full multiple scattering analysis of linearly polarized Cu L <sub>3</sub> -edge XANES of La <sub>2</sub> CuO <sub>4</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 184, 51-64	1.3	15
176	On the orbital angular momentum of Cu 3d hole states in superconducting La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 184, 102-112	1.3	17
175	Coupling between the charge carriers and lattice distortions via modulation of the orbital angular momentum of the 3d holes by polarized xas spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 185-189, 1061-1062	1.3	9
174	Phase transition in the Sm <sub>2</sub> Co <sub>8</sub> S system: sulphur XANES and X-ray emission analysis. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1991</b> , 308, 246-247	1.2	4
173	Confirmation of hydrogen-induced unoccupied states in PdH: multiple-scattering analysis of palladium L <sub>1</sub> and L <sub>3</sub> XANES. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1991</b> , 308, 248-250	1.2	6
172	Influence of allosteric effectors on the heme conformation of dromedary ferrous nitrosylhemoglobin detected by XANES spectroscopy. <i>BBA - Proteins and Proteomics</i> , <b>1991</b> , 1080, 119-25		4
171	Electronic structure of La <sub>2</sub> CuO <sub>4</sub> by joint analysis of O K and Cu K and L <sub>3</sub> edge X-ray absorption spectra. <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 178, 421-431	1.3	12
170	Full Multiple-Scattering Method for Ca L <sub>2,3</sub> -Edge XANES Analysis in CaO. <i>Physica Status Solidi (B): Basic Research</i> , <b>1991</b> , 168, K43-K45	1.3	5
169	Cu K-edge polarized x-ray-absorption near-edge structure of Bi <sub>2</sub> CaSr <sub>2</sub> Cu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>1991</b> , 44, 4560-4569	3.3	29
168	Linearly polarized Cu L <sub>3</sub> -edge x-ray-absorption near-edge structure of Bi <sub>2</sub> CaSr <sub>2</sub> Cu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>1991</b> , 44, 10126-10138	3.3	64
167	Multielectron excitations in the K-edge x-ray-absorption near-edge spectra of V, Cr, and Mn 3d <sup>0</sup> compounds with tetrahedral coordination. <i>Physical Review B</i> , <b>1991</b> , 43, 6885-6892	3.3	65
166	Correlation between Structural Conformations at Different Levels in Hemoglobin Determined by XANES. <i>NATO ASI Series Series B: Physics</i> , <b>1991</b> , 55-62		
165	On the Orbital Angular Momentum of Cu 3d Holes in High T <sub>c</sub> Superconductors: Is a Cu 3d <sub>3z<sup>2</sup>-r<sup>2</sup></sub> Bipolaron the Superconducting Pair ? <b>1991</b> , 363-375		6
164	Effect of Rhombic Distortion on the Polarized X-Ray Absorption Spectra in HighT <sub>c</sub> Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>1990</b> , 59, 815-818	1.5	28
163	Respes and XAS study of some cerium intermetallics. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 163, 581-583	2.8	1

162	High resolution polarized CuL3XAS of high temperature superconductors: correlations between the symmetry of dholes and the critical temperature. <i>Physica Scripta</i> , <b>1990</b> , 41, 901-904	2.6	4
161	XANES study of structural disorder in amorphous silicon. <i>Journal of Non-Crystalline Solids</i> , <b>1990</b> , 116, 27-32	3.9	22
160	A Positive Experimental Test for Pairing Mechanisms Including $d_{z^2}$ Hole Symmetry: Correlation of the Relative Weight of $d_{x^2-y^2}$ Hole States with the Critical Temperature. <i>Springer Series in Solid-state Sciences</i> , <b>1990</b> , 407-421	0.4	6
159	JOINT ANALYSIS OF Cu L3 XAS AND XPS SPECTRA OF HIGH Tc SUPERCONDUCTORS FOR DETERMINATION OF THE STATES INDUCED BY DOPING <b>1989</b> , 313-324		
158	Structure of oriented V2O5 gel studied by polarized x-ray-absorption spectroscopy at the vanadium K edge. <i>Physical Review B</i> , <b>1989</b> , 40, 12229-12236	3.3	53
157	Correlation satellites in deep metal 3p core x-ray photoemission of tetravalent oxides MO2 (M=Ce,Pr,Tb,Hf) and of LaF3. <i>Physical Review B</i> , <b>1989</b> , 39, 3380-3385	3.3	23
156	Apparatus for time-resolved x-ray absorption spectroscopy using flash photolysis. <i>Review of Scientific Instruments</i> , <b>1989</b> , 60, 2519-2521	1.7	11
155	Heterogeneity of the isolated subunits of the fetal and adult human hemoglobin in solution, detected by XANES spectroscopy. <i>BBA - Proteins and Proteomics</i> , <b>1989</b> , 996, 240-6		7
154	Xanes studies of bis-1-oxopyridine-2-thiolato Pt(II) complexes. <i>Chemical Physics Letters</i> , <b>1989</b> , 155, 599-602		
153	Effects of polyanions on the local structure of the Camelus Dromedarius hemoglobin: A XANES study. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 90-92	2.8	
152	Study of Cu(II)-ATP complexes by XANES spectroscopy. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 128-132	2.8	
151	Study of the preparation method and active component concentration of NiO-MoO3 septiolite catalyst by EXAFS and XANES spectroscopy. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 162-163	2.8	
150	Many body effects in Ce 3p XAS and Ce 3p XPS of CeO2. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 389-391	2.8	2
149	Symmetry of the itinerant 3d9 ligand hole induced by doping in high Tc superconductors by polarized Cu L3 XAS. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 443-445	2.8	7
148	XANES and EXAFS of YBa2Cu3O7: Multiple scattering data analysis and evidence for a structural distortion at Tc. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 469-470	2.8	4
147	Evidence for 3d9-ligand hole induced by doping in Bi-Sr-Ca-Cu-O and Tl-Ca-Ba-Cu-O. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 480-481	2.8	5
146	Site localization of nickel and cobalt impurities in crystalline MgO by EXAFS and XANES spectroscopies. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 527-528	2.8	5
145	L1 absorption edge of high correlated rare earth materials. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 529-532	2.8	10

144	X-ray absorption analysis of structural disorder in amorphous silicon. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 158, 598-599	2.8	1
143	Correlation between mixing of Cu d orbitals and T <sub>c</sub> determined by polarized Cu L <sub>3</sub> XAS: Experimental evidence for pairing mediated by d-d excitations. <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 162-164, 209-210	1.3	35
142	The quantitative Jahn-teller distortion of the Cu <sup>2+</sup> site in aqueous solution by xanes spectroscopy. <i>Chemical Physics</i> , <b>1989</b> , 132, 295-302	2.3	83
141	Palladium L <sub>3</sub> absorption edge of PdH <sub>0.6</sub> films: Evidence for hydrogen induced unoccupied states. <i>Solid State Communications</i> , <b>1989</b> , 71, 383-390	1.6	16
140	Influence of globin structure on the heme in dromedary carbonmonoxyhemoglobin. <i>Biochemistry</i> , <b>1989</b> , 28, 8547-53	3.2	12
139	Valence characterization and in-situ kinetics of oxygen uptake and removal in high T <sub>c</sub> superconductors by X-ray absorption spectroscopy. <i>Journal of the Less Common Metals</i> , <b>1989</b> , 148, 97-108		1
138	CORRELATION BETWEEN T <sub>c</sub> OF CUPRATE SUPERCONDUCTORS AND THE ENERGY SPLITTING BETWEEN IN-PLANE AND OUT-OF-PLANE POLARIZED Cu 2p→d TRANSITION <b>1989</b> , 281-291		2
137	ON THE VARIATION OF THE Cu K-EDGE XANES OF YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> WITH OXYGEN CONCENTRATION <b>1989</b> , 259-270		
136	Determination of the symmetry of the 3d <sub>9</sub> L states by polarized CuL <sub>3</sub> XAS spectra of single crystal YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.9</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 153-155, 1760-1761	1.3	56
135	Weight of 3d <sub>9</sub> ligand hole configuration as function of oxygen content in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.5+x</sub> by joint L <sub>3</sub> XAS and XPS. <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 153-155, 115-116	1.3	13
134	Cu K-edge XANES of Cu(II) ions in aqueous solution: A measure of the axial ligand distances. <i>Chemical Physics Letters</i> , <b>1988</b> , 149, 289-294	2.5	21
133	Characterization of XMoO <sub>3</sub> □YNiO/USHY zeolites by i.r., XPS, EXAFS, and catalytic HDS of thiophene: The influence of metal loading and preparation procedure. <i>Zeolites</i> , <b>1988</b> , 8, 464-471		14
132	Evidence of 3d <sub>9</sub> -ligand hole states in the superconductor La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> from L <sub>3</sub> X-ray absorption spectroscopy. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1988</b> , 127, 285-291	2.3	85
131	3d <sub>9</sub> L states induced by doping in La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> and in magnetic and non magnetic M <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> (M = Gd, Ho and Y). <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 153-155, 113-114	1.3	3
130	Cu L <sub>3</sub> x-ray absorption of formally trivalent Cu compounds. <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 153-155, 117-118	1.3	13
129	Many-body effects in praeodymium core-level spectroscopies of PrO <sub>2</sub> . <i>Physical Review B</i> , <b>1988</b> , 38, 3433-3437	3.3	99
128	Symmetry of the 3d <sub>9</sub> ligand hole induced by doping in YBa <sub>2</sub> Cu. <i>Physical Review B</i> , <b>1988</b> , 38, 7196-7199	3.3	174
127	Multiple-scattering analysis of K-edge x-ray-absorption near-edge spectrum of YBa <sub>2</sub> Cu. <i>Physical Review B</i> , <b>1988</b> , 38, 244-251	3.3	43

126	SYMMETRY OF THE HOLE STATES IN BiCaSrCuO HIGH-T <sub>c</sub> SUPERCONDUCTORS. <i>Modern Physics Letters B</i> , <b>1988</b> , 02, 1313-1318	1.6	23
125	SYMMETRY OF THE HOLE STATES IN SINGLE CRYSTALS OF HIGH T <sub>c</sub> SUPERCONDUCTORS. <i>International Journal of Modern Physics B</i> , <b>1988</b> , 02, 1151-1152	1.1	5
124	Orientalional disorder in amorphous silicon probed by XANES (X-ray Absorption near Edge Structure). <i>Physica Scripta</i> , <b>1988</b> , 38, 408-411	2.6	2
123	XANES in condensed systems <b>1988</b> , 29-67		18
122	The Electronic States Formed by Doping La <sub>2</sub> CuO <sub>4</sub> Giving High T <sub>c</sub> Superconductivity Determined by Cu L <sub>3</sub> Edge X-Ray Absorption Spectroscopy. <i>Springer Series in Solid-state Sciences</i> , <b>1988</b> , 146-159	0.4	4
121	Synchrotron Radiation in Chemistry and Biology I. <i>Topics in Current Chemistry</i> , <b>1988</b> ,		2
120	One-Electron Transitions in the XANES of Condensed Systems. <i>Springer Series in Solid-state Sciences</i> , <b>1988</b> , 14-32	0.4	
119	EXPERIMENTAL EVIDENCE OF ITINERANT Cu 3d <sub>9</sub> - OXYGEN HOLE MANY BODY CONFIGURATION IN THE HIGH-TC SUPERCONDUCTOR YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>International Journal of Modern Physics B</i> , <b>1987</b> , 01, 853-862	1.1	34
118	Many Body Effect in Inner Shell Photoemission and Photoabsorption Spectra of La Compounds. <i>Journal of the Physical Society of Japan</i> , <b>1987</b> , 56, 798-809	1.5	47
117	Specific intermediate-valence state of insulating 4f compounds detected by L <sub>3</sub> x-ray absorption. <i>Physical Review B</i> , <b>1987</b> , 35, 806-812	3.3	213
116	Multiple-scattering effects in the K-edge x-ray-absorption near-edge structure of crystalline and amorphous silicon. <i>Physical Review B</i> , <b>1987</b> , 36, 6426-6433	3.3	71
115	Oxygen bonding in human hemoglobin and its isolated subunits: a XANES study. <i>Biochemical and Biophysical Research Communications</i> , <b>1987</b> , 147, 31-8	3.4	9
114	Local structure of nickel oxide grown at high temperatures in ceramic electrolyte cells. <i>Journal of the Chemical Society Faraday Transactions I</i> , <b>1987</b> , 83, 289		5
113	Spherical wave exafs analysis of the silicon K-edge X-ray absorption spectrum. <i>Solid State Communications</i> , <b>1987</b> , 61, 635-639	1.6	13
112	Localization of Cu 3d levels in the high T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> by Cu 2p X-ray photoelectron spectroscopy. <i>Solid State Communications</i> , <b>1987</b> , 63, 1135-1139	1.6	112
111	Partial density of unoccupied states and L <sub>2,3</sub> -x-ray absorption spectrum of bulk silicon and of the Si(1 1 1) 2 × 2 surface. <i>Solid State Communications</i> , <b>1987</b> , 64, 1313-1316	1.6	23
110	L <sub>2,3</sub> xanes of the high T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> with variable oxygen content. <i>Solid State Communications</i> , <b>1987</b> , 63, 1009-1013	1.6	194
109	Lack of delocalized Cup states at the Fermi level in the high-T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> by XANES spectroscopy. <i>Zeitschrift Für Physik B-Condensed Matter</i> , <b>1987</b> , 67, 307-312		50

108	High energy spectroscopy in Ce and La compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1987</b> , 70, 28-32	2.8	9
107	Linear Fe-C-O configuration in carbonyl 1-methylimidazole iron(II) porphyrin detected by XANES in dispersive mode. <i>BBA - Proteins and Proteomics</i> , <b>1987</b> , 915, 168-71		13
106	Higher Order Correlations in Proteins by X-Ray Spectroscopy. <i>Springer Series in Biophysics</i> , <b>1987</b> , 81-88		2
105	The High and Low Spin Iron Sites and the T/to R/Transition in Carp Hemoglobin. <i>Springer Series in Biophysics</i> , <b>1987</b> , 107-113		1
104	Cu 3d9- LIGAND HOLE CONFIGURATION IN YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> BY X-RAY SPECTROSCOPIES. <i>Journal De Physique Colloque</i> , <b>1987</b> , 48, C9-1179-C9-1184		5
103	LOCAL SITE STRUCTURE AND AFFINITY IN CALCIUM BINDING PROTEINS: A XANES AND EXAFS STUDY <b>1987</b> , 443-445		
102	Investigation on Metal Binding Sites in DNA by Means of X-Ray High Resolution Spectroscopy. <i>Springer Series in Biophysics</i> , <b>1987</b> , 201-211		
101	Energy Dispersive X-Ray Absorption Spectroscopy: Strengths and Limitations for Time-Resolved Studies of Biostructures. <i>Springer Series in Biophysics</i> , <b>1987</b> , 122-129		
100	Local Order at the Manganese Sites in Ionic Solutions by XANES (X-ray absorption near edge structure) <b>1987</b> , 142-145		
99	Study of Cu-ATP Complexes. <i>Springer Series in Biophysics</i> , <b>1987</b> , 212-222		
98	The Interatomic Intermediate Valence State of Insulating Correlated Oxides CeO <sub>2</sub> , PrO <sub>2</sub> and TbO <sub>2</sub> <b>1987</b> , 243-251		2
97	Local Fe site structure in the tense-to-relaxed transition in carp deoxyhemoglobin: a XANES (x-ray absorption near edge structure) study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 7736-40	11.5	18
96	UV-induced reduction of Cu(II) in DNA complex studied by Cu-K-edge XANES. <i>Biopolymers</i> , <b>1986</b> , 25, 217-221		6
95	Three particle correlation function of metal ions in tetrahedral coordination determined by XANES. <i>Solid State Communications</i> , <b>1986</b> , 58, 595-599	1.6	36
94	Effect of SiO <sub>2</sub> on charge transfer at the zirconia/electrode interface. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1986</b> , 198, 53-63		2
93	XANES of carboxy and cyanomet-myoglobin. The role of the distal histidine in the bent Fe-C-O configuration. <i>European Biophysics Journal</i> , <b>1986</b> , 14, 7-10	1.9	3
92	Local electronic structures at selected sites of intermetallic perovskites Mn <sub>3</sub> MeX (Me=divalent metal, X=N, C). <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , <b>1986</b> , 7, 493-505		7
91	Local structure determination by surface XANES spectroscopy of SiO <sub>2</sub> amorphous layer on NiO. <i>Journal of Materials Science Letters</i> , <b>1986</b> , 5, 441-442		

90	Multielectron configurations in the x-ray-absorption near-edge structure of NiO at the oxygen K threshold. <i>Physical Review B</i> , <b>1986</b> , 33, 2979-2982	3.3	76
89	Delocalized versus localized unoccupied 5f states and the uranium site structure in uranium oxides and glasses probed by x-ray-absorption near-edge structure. <i>Physical Review B</i> , <b>1986</b> , 34, 7350-7361	3.3	85
88	Multiple-scattering regime and higher-order correlations in x-ray-absorption spectra of liquid solutions. <i>Physical Review B</i> , <b>1986</b> , 34, 5774-5781	3.3	179
87	EXAFS and XANES joint analyses for semiconducting vanadium phosphate glasses. <i>Journal of Non-Crystalline Solids</i> , <b>1986</b> , 80, 175-180	3.9	16
86	COORDINATION GEOMETRY OF TRANSITION METAL IONS IN DILUTE SOLUTIONS BY XANES. <i>Journal De Physique Colloque</i> , <b>1986</b> , 47, C8-49-C8-54		32
85	VANADIUM SITE STRUCTURE IN V2O5 GEL BY POLARIZED EXAFS AND XANES. <i>Journal De Physique Colloque</i> , <b>1986</b> , 47, C8-691-C8-696		6
84	DETERMINATION OF THE THIRD ORDER MULTIPLE SCATTERING SIGNAL IN TETRAHEDRAL CLUSTERS IN LIQUID SOLUTIONS. <i>Journal De Physique Colloque</i> , <b>1986</b> , 47, C8-25-C8-29		3
83	SPHERICAL WAVES EXAFS AND MULTIPLE SCATTERING EFFECTS IN XANES OF THE K-EDGE SPECTRUM OF SILICON. <i>Journal De Physique Colloque</i> , <b>1986</b> , 47, C8-71-C8-74		3
82	The CO bond angle of carboxymyoglobin determined by angular-resolved XANES spectroscopy. <i>Nature</i> , <b>1985</b> , 318, 685-7	50.4	88
81	Determination of CO and CN bond angles by X-ray absorption near edge structure in chelated protoheme in solution. <i>BBA - Proteins and Proteomics</i> , <b>1985</b> , 831, 114-119		11
80	Changes in Fe site structure from fetal to adult hemoglobin probed by XANES. <i>BBA - Proteins and Proteomics</i> , <b>1985</b> , 831, 120-4		14
79	LOCAL STRUCTURE IN SiO2 GLASSES BY OXYGEN K EDGE XANES. <i>Journal De Physique Colloque</i> , <b>1985</b> , 46, C8-107-C8-112		6
78	XANES (x ray absorption near edge structure): A new probe of higher order correlation function in amorphous semiconductors. <i>Journal of Non-Crystalline Solids</i> , <b>1985</b> , 77-78, 1325-1328	3.9	6
77	Localization mixing and / or hybridization in intermetallic compounds RPd3 (R = La, Ce, Pr, Nd, Sm) by xanes. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1985</b> , 47-48, 206-208	2.8	7
76	X-ray-absorption near-edge structure of 3d transition elements in tetrahedral coordination: The effect of bond-length variation. <i>Physical Review B</i> , <b>1985</b> , 32, 4292-4295	3.3	132
75	Determination of mixing of 4f-ligand orbitals in Ce(SO4)2 by Xanes is Ce(SO4)2 a mixed valent insulating system?. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1985</b> , 47-48, 209-211	2.8	37
74	Increase of the Fe effective charge in hemoproteins during oxygenation process. <i>Biochemical and Biophysical Research Communications</i> , <b>1985</b> , 131, 98-102	3.4	25
73	Constraints of T conformation of carp azide hemoglobin on Fe site structure. <i>FEBS Letters</i> , <b>1985</b> , 191, 241-244	3.8	7

72	ON THE BASIC STRUCTURAL UNIT OF AMORPHOUS V2O5 FROM XANES AND EXAFS. <i>Journal De Physique Colloque</i> , <b>1985</b> , 46, C8-255-C8-259		4
71	PROBING HIGHER ORDER CORRELATION FUNCTIONS IN LIQUIDS BY XANES (X-RAY ABSORPTION NEAR EDGE STRUCTURE). <i>Journal De Physique Colloque</i> , <b>1985</b> , 46, C9-101-C9-106		12
70	Experimental evidence for the shake-down peak in LIII (and LII)-xanes of light rare earth intermetallics. <i>Solid State Communications</i> , <b>1984</b> , 49, 409-415	1.6	31
69	XANES study of iron displacement in the haem of myoglobin. <i>FEBS Letters</i> , <b>1984</b> , 178, 165-70	3.8	23
68	XANES of Palladium Rare Earth Intermetallics (RPd3): Determination of Hybridization and Mixing of 4f-Orbitals. <i>Springer Proceedings in Physics</i> , <b>1984</b> , 52-54	0.2	1
67	XANES: One Electron Multiple Scattering Resonances and Splitting of Final State Configurations at Threshold. <i>Springer Proceedings in Physics</i> , <b>1984</b> , 167-174	0.2	5
66	EXAFS of Amorphous Vanadium Phosphate Oxides: Correlation Between Hopping Conductivity and Local Structure. <i>Springer Proceedings in Physics</i> , <b>1984</b> , 331-334	0.2	1
65	O2 and CO Bonding Geometry in Heme-Proteins in Solution Investigated by XANES. <i>Springer Proceedings in Physics</i> , <b>1984</b> , 164-166	0.2	1
64	Local coordination geometry in Fe and Ca metalloproteins by XANES using synchrotron radiation. <i>Inorganica Chimica Acta</i> , <b>1983</b> , 79, 88	2.7	
63	Role of multielectron excitations in the L3 XANES of Pd. <i>Solid State Communications</i> , <b>1983</b> , 46, 367-370	1.6	19
62	The character of metal-insulator phase transition in V2O3 from the plasmon behaviour. <i>Solid State Communications</i> , <b>1983</b> , 48, 471-474	1.6	3
61	The local electronic structure of PdO crystal and PdO catalyst supported on SiO2 and Al2O3 from L3 and L1 x-ray absorption Pd edge in XANES spectra. <i>Solid State Communications</i> , <b>1983</b> , 48, 475-478	1.6	19
60	X-ray absorption near edge structure (XANES) determination of calcium sites of troponin C and parvalbumin. <i>Journal of Molecular Biology</i> , <b>1983</b> , 165, 125-38	6.5	21
59	Thermoreflectance study of polydiacetylene-bis (toluene sulphonate) single crystal (PDA-TS). <i>Journal of Physics C: Solid State Physics</i> , <b>1983</b> , 16, 2165-2176		2
58	XANES Spectroscopy for Local Structures in Complex Systems. <i>Springer Series in Chemical Physics</i> , <b>1983</b> , 118-129	0.3	20
57	X-ray absorption near edge structure (XANES) for CO, CN and deoxyhaemoglobin: geometrical information.. <i>EMBO Journal</i> , <b>1983</b> , 2, 1441-1443	13	29
56	EXAFS and XANES Structure determination of Mn2+ binding in ATP complexes. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , <b>1983</b> , 2, 1281-1304		10
55	X-ray absorption near edge structure (XANES) for CO, CN and deoxyhaemoglobin: geometrical information. <i>EMBO Journal</i> , <b>1983</b> , 2, 1441-3	13	7

54	High-Resolution Analysis of the L <sub>2,3</sub> White Lines of Pd. <i>Springer Series in Chemical Physics</i> , <b>1983</b> , 177-179	0.3	0.3
53	Introduction. Historical Perspective of EXAFS and Near Edge Structure Spectroscopy. <i>Springer Series in Chemical Physics</i> , <b>1983</b> , 1-2	0.3	1
52	XANES Determination of V-Mixed Valence State in (V <sub>2</sub> O <sub>5</sub> ) <sub>x</sub> (P <sub>2</sub> O <sub>5</sub> ) <sub>100-x</sub> Binary Oxide Glasses. <i>Springer Series in Chemical Physics</i> , <b>1983</b> , 162-164	0.3	4
51	Mn(II) Binding to Nucleotides and Nucleic Acids. <i>Springer Series in Chemical Physics</i> , <b>1983</b> , 345-348	0.3	2
50	Bond Length Determination Using XANES. <i>Springer Series in Chemical Physics</i> , <b>1983</b> , 57-61	0.3	39
49	XANES of Calmodulin: Differences and Homologies Between Calcium-Modulated Proteins. <i>Springer Series in Chemical Physics</i> , <b>1983</b> , 355-357	0.3	5
48	Localization of screening orbitals, local-environment effects, and intermediate valence in core-level spectroscopy: Ce vs Tm. <i>Physical Review B</i> , <b>1982</b> , 25, 2477-2482	3.3	36
47	Multiple-scattering resonances and structural effects in the x-ray-absorption near-edge spectra of Fe II and Fe III hexacyanide complexes. <i>Physical Review B</i> , <b>1982</b> , 26, 6502-6508	3.3	179
46	Multiplet splitting of final-state configurations in x-ray-absorption spectrum of metal VO <sub>2</sub> : Effect of core-hole-screening, electron correlation, and metal-insulator transition. <i>Physical Review B</i> , <b>1982</b> , 26, 2741-2747	3.3	71
45	EXAFS studies with synchrotron radiation of polystyrene-ruthenium catalyst. <i>Chemical Physics Letters</i> , <b>1982</b> , 90, 257-260	2.5	7
44	Xanes (X-ray absorption near edge structure) of V in vanadium-iron phosphate glasses. <i>Solid State Communications</i> , <b>1982</b> , 42, 547-551	1.6	25
43	Carbon K shell near threshold photoemission cross-section: Energy dependence of elastic peak and plasmon sideband in graphite. <i>Solid State Communications</i> , <b>1982</b> , 42, 529-532	1.6	15
42	Sexafs study of the natural oxide on iron surface detected by total photoelectron yield. <i>Solid State Communications</i> , <b>1982</b> , 44, 1585-1588	1.6	6
41	X-ray absorption near edge structures of intermediate valence TmSe single crystals. <i>Journal of Physics C: Solid State Physics</i> , <b>1981</b> , 14, 4737-4743		31
40	Thermoreflectance spectrum of tetracene single crystal. <i>Solid State Communications</i> , <b>1981</b> , 38, 155-157	1.6	5
39	Critical behavior of the plasmon resonance at the metal-insulator transition in VO <sub>2</sub> . <i>Physical Review B</i> , <b>1981</b> , 24, 4406-4411	3.3	31
38	Intermediate valence and near-edge structure in the x-ray absorption spectrum of CePd <sub>3</sub> , Ce, and CeCu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review B</i> , <b>1981</b> , 24, 6139-6142	3.3	17
37	Valence Relaxation in the 2p Core Photoionization of Mixed Valence TmSe Crystal <b>1981</b> , 271-274		

36	Study of the Binding of Metal Ions to Nucleotides and Nucleic Acids by X-Ray Absorption Fine Structure Spectroscopy <b>1981</b> , 731-732		
35	Surface X-ray absorption spectroscopy: Surface EXAFS and surface XANES. <i>Applications of Surface Science</i> , <b>1980</b> , 6, 392-418		142
34	Correlation of K-absorption edge and EXAFS spectra of human ferric transferrin with those model iron(III) complexes. <i>Inorganica Chimica Acta</i> , <b>1980</b> , 40, X72	2.7	
33	High and low affinity Ca <sup>++</sup> binding sites in troponin-C studied by synchrotron radiation. <i>Inorganica Chimica Acta</i> , <b>1980</b> , 40, X111-X112	2.7	
32	X-ray absorption near edge structures (XANES) in simple and complex Mn compounds. <i>Solid State Communications</i> , <b>1980</b> , 35, 355-361	1.6	230
31	Evidence of SiO at the Si-oxide interface by surface soft X-ray absorption near edge spectroscopy. <i>Surface Science</i> , <b>1980</b> , 99, 76-86	1.8	64
30	Electronic Structure of Ti <sub>2</sub> O <sub>3</sub> from Single Crystal Thermoreflectance Spectroscopy. <i>Physica Status Solidi (B): Basic Research</i> , <b>1979</b> , 93, 767-774	1.3	5
29	Al Surface Relaxation Using Surface Extended X-Ray-Absorption Fine Structure. <i>Physical Review Letters</i> , <b>1979</b> , 42, 104-108	7.4	77
28	Core excitons and inner well resonances in surface soft x-ray absorption (SSXA) spectra. <i>Surface Science</i> , <b>1979</b> , 89, 41-50	1.8	78
27	Oxygen chemisorption on Al: Unoccupied extrinsic surface resonances and site-structure determination by surface soft-x-ray absorption. <i>Physical Review B</i> , <b>1979</b> , 19, 3879-3888	3.3	33
26	Al-Al <sub>2</sub> O <sub>3</sub> interface study using surface soft-x-ray absorption and photoemission spectroscopy. <i>Physical Review B</i> , <b>1979</b> , 19, 2837-2843	3.3	84
25	Thin windowed gas absorption apparatus for use with storage ring synchrotron radiation sources. <i>Nuclear Instruments &amp; Methods</i> , <b>1978</b> , 152, 53-56		4
24	Unoccupied surface resonances on aluminum single crystal surfaces. <i>Solid State Communications</i> , <b>1978</b> , 28, 931-934	1.6	11
23	Effect of the metal-insulator transition on vanadium K-photoabsorption spectrum in V <sub>2</sub> O <sub>3</sub> . <i>Solid State Communications</i> , <b>1978</b> , 27, 1177-1179	1.6	14
22	Temperature effects on the optical transitions within the 3d-T 2g band of Ti <sub>2</sub> O <sub>3</sub> . <i>Lettere Al Nuovo Cimento Rivista Internazionale Della Societ� Italiana Di Fisica</i> , <b>1978</b> , 23, 661-664		
21	X-ray Ca K edge of calcium adenosine triphosphate system and of simple Ca compounds. <i>Chemical Physics Letters</i> , <b>1978</b> , 59, 121-124	2.5	56
20	The absolute N <sub>2</sub> K-photoabsorption cross section up to hν = 450 eV. <i>Chemical Physics Letters</i> , <b>1978</b> , 58, 263-266	2.5	16
19	Fine structure above the carbon K-edge in methane and in the fluoromethanes. <i>Chemical Physics Letters</i> , <b>1978</b> , 54, 425-429	2.5	86

18	Intrinsic luminescence excitation spectrum and extended x-ray absorption fine structure above the K edge in CaF <sub>2</sub> . <i>Physical Review B</i> , <b>1978</b> , 17, 2021-2024	3.3	93
17	K-shell photoabsorption spectra of N <sub>2</sub> and N <sub>2</sub> O using synchrotron radiation. <i>Physical Review A</i> , <b>1978</b> , 17, 1907-1911	2.6	106
16	Photoemission studies of graphite high-energy conduction-band and valence-band states using soft-x-ray synchrotron radiation excitation. <i>Physical Review B</i> , <b>1977</b> , 16, 5543-5548	3.3	160
15	Many-body contribution to XPS line asymmetry in palladium-hydrogen systems. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , <b>1977</b> , 39, 720-726		2
14	Study of the initial oxidation of single-crystal aluminum by inter-atomic Auger yield spectroscopy. <i>Solid State Communications</i> , <b>1977</b> , 24, 539-542	1.6	22
13	XPS line shape asymmetry in the Pd-H system: The role of the electron screening. <i>Solid State Communications</i> , <b>1977</b> , 21, 201-204	1.6	18
12	Influence of the hydrogenation on the electrical resistance of palladium thin films. <i>Physica Status Solidi A</i> , <b>1977</b> , 42, K41-K45		6
11	Electronic Structure of Aluminium Oxide as Determined by X-Ray Photoemission. <i>Physica Status Solidi (B): Basic Research</i> , <b>1976</b> , 76, 689-694	1.3	90
10	Short Seminars (Abstracts) <b>1976</b> , 407-412		
9	Evidence of hydrogen-induced levels in Pd from X-ray photoemission. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1975</b> , 55, 309-310	2.3	33
8	Far ultraviolet absorption spectrum of the K <sup>+</sup> ion in KCl. <i>Solid State Communications</i> , <b>1974</b> , 15, 1431-1434.6		8
7	Role of the density of conduction states on the L <sub>2,3</sub> absorption spectrum of aluminum. <i>Physical Review B</i> , <b>1974</b> , 9, 5003-5007	3.3	21
6	Core Transitions from the Al 2p Level in Amorphous and Crystalline Al <sub>2</sub> O <sub>3</sub> . <i>Physica Status Solidi (B): Basic Research</i> , <b>1974</b> , 63, 77-87	1.3	47
5	Piezoreflectivity of thin silver films near the electron plasma resonance. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1971</b> , 35, 146-147	2.3	2
4	Wave Transformation in a Solid-State Plasma. <i>Physical Review Letters</i> , <b>1971</b> , 27, 932-934	7.4	6
3	Radio-Frequency Transmission in Indium Films in the Mixed State. <i>Physical Review B</i> , <b>1971</b> , 4, 3935-3937	3.3	1
2	Ionic currents modulated by film flow in superfluid helium. <i>Journal of Low Temperature Physics</i> , <b>1969</b> , 1, 201-213	1.3	9
1	CDW and Similarity of the Mott Insulator-to-Metal Transition in Cuprates with the Gas-to-Liquid-Liquid Transition in Supercooled Water		1

