

# Jrg Fink

## 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.

395  
papers

18,981  
citations

75  
h-index

119  
g-index

419  
ext. papers

19,825  
ext. citations

3.8  
avg, IF

5.93  
L-index

#	Paper	IF	Citations
395	About two-dimensional fits for the analysis of the scattering rates and renormalization functions from angle-resolved photoelectron spectroscopy data. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2021</b> , 253, 147127	1.7	0
394	Linkage between scattering rates and superconductivity in doped ferropnictides. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	3
393	Extremely large magnetoresistance from electron-hole compensation in the nodal-loop semimetal ZrP2. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	5
392	Topological magnetic order and superconductivity in EuRbFe4As4. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	1
391	Mg3(Bi,Sb)2 single crystals towards high thermoelectric performance. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 1717-1724	35.4	41
390	Signatures of Sixfold Degenerate Exotic Fermions in a Superconducting Metal PdSb. <i>Advanced Materials</i> , <b>2020</b> , 32, e1906046	24	15
389	Observation of giant spin-split Fermi-arc with maximal Chern number in the chiral topological semimetal PtGa. <i>Nature Communications</i> , <b>2020</b> , 11, 2033	17.4	19
388	Evidence of hot and cold spots on the Fermi surface of LiFeAs. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	12
387	Strong Spin Dependence of Correlation Effects in Ni Due to Stoner Excitations. <i>Physical Review Letters</i> , <b>2018</b> , 121, 267201	7.4	3
386	Electronic structure and ultrafast dynamics of FeAs-based superconductors by angle- and time-resolved photoemission spectroscopy. <i>Physica Status Solidi (B): Basic Research</i> , <b>2017</b> , 254, 1600382	1.3	8
385	Multiple Dirac cones at the surface of the topological metal LaBi. <i>Nature Communications</i> , <b>2017</b> , 8, 13942	7.4	75
384	Experimental evidence for importance of Hund's exchange interaction for incoherence of charge carriers in iron-based superconductors. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	7
383	Observation of a remarkable reduction of correlation effects in BaCrAs by ARPES. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 12425-12429	11.5	10
382	Doping dependence and electron-boson coupling in the ultrafast relaxation of hot electron populations in Ba(Fe <sub>1-x</sub> Cox) <sub>2</sub> As <sub>2</sub> . <i>New Journal of Physics</i> , <b>2016</b> , 18, 093028	2.9	3
381	Effect of impurity substitution on band structure and mass renormalization of the correlated FeTe <sub>0.5</sub> Se <sub>0.5</sub> superconductor. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	5
380	Stripe order of La <sub>1.64</sub> Eu <sub>0.2</sub> Sr <sub>0.16</sub> CuO <sub>4</sub> in magnetic fields studied by resonant soft x-ray scattering. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	3
379	Unusual Dirac Fermions on the Surface of a Noncentrosymmetric BiPd Superconductor. <i>Physical Review Letters</i> , <b>2016</b> , 117, 177001	7.4	16

378	First-principles and angle-resolved photoemission study of lithium doped metallic black phosphorous. <i>2D Materials</i> , <b>2016</b> , 3, 025031	5.9	19
377	Influence of Lifshitz transitions and correlation effects on the scattering rates of the charge carriers in iron-based superconductors. <i>Europhysics Letters</i> , <b>2016</b> , 113, 27002	1.6	6
376	Non-Fermi-liquid scattering rates and anomalous band dispersion in ferropnictides. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	21
375	Observation of a universal donor-dependent vibrational mode in graphene. <i>Nature Communications</i> , <b>2014</b> , 5, 3257	17.4	101
374	High-energy anomaly in the angle-resolved photoemission spectra of Nd(2-x)Ce(x)CuO <sub>2</sub> —evidence for a matrix element effect. <i>Physical Review Letters</i> , <b>2014</b> , 113, 137001	7.4	12
373	Electron energy-loss spectroscopy: A versatile tool for the investigations of plasmonic excitations. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2014</b> , 195, 85-95	1.7	44
372	Ultrafast Modulation of the Chemical Potential in BaFe <sub>2</sub> As <sub>2</sub> by Coherent Phonons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	45
371	Anisotropic Eliashberg function and electron-phonon coupling in doped graphene. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	33
370	Coherent excitations and electron-phonon coupling in Ba/EuFe <sub>2</sub> As <sub>2</sub> compounds investigated by femtosecond time- and angle-resolved photoemission spectroscopy. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 094003	1.8	33
369	Formation of heavy d-electron quasiparticles in Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>New Journal of Physics</i> , <b>2013</b> , 15, 063029	2.9	14
368	Electron-phonon coupling in 122 Fe pnictides analyzed by femtosecond time-resolved photoemission. <i>New Journal of Physics</i> , <b>2013</b> , 15, 083023	2.9	30
367	Electronic structure and quantum criticality in Ba(Fe <sub>1-x-y</sub> Co <sub>x</sub> Mn <sub>y</sub> ) <sub>2</sub> As <sub>2</sub> , an ARPES study. <i>Europhysics Letters</i> , <b>2013</b> , 103, 47004	1.6	8
366	Resonant elastic soft x-ray scattering. <i>Reports on Progress in Physics</i> , <b>2013</b> , 76, 056502	14.4	110
365	Effects of spin-dependent quasiparticle renormalization in Fe, Co, and Ni photoemission spectra: An experimental and theoretical study. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	47
364	Ultrafast momentum-dependent response of electrons in antiferromagnetic EuFe <sub>2</sub> As <sub>2</sub> driven by optical excitation. <i>Physical Review Letters</i> , <b>2012</b> , 108, 097002	7.4	60
363	Large tunable Rashba spin splitting of a two-dimensional electron gas in Bi <sub>2</sub> Se <sub>3</sub> . <i>Physical Review Letters</i> , <b>2011</b> , 107, 096802	7.4	351
362	Dissimilarities between the electronic structure of chemically doped and chemically pressurized iron pnictides from an angle-resolved photoemission spectroscopy study. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	33
361	Comparison of stripe modulations in La <sub>1.875</sub> Ba <sub>0.125</sub> CuO <sub>4</sub> and La <sub>1.48</sub> Nd <sub>0.4</sub> Sr <sub>0.12</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	53

360	Phase diagram of charge order in $\text{La}_{1.8-x}\text{Eu}_{0.2}\text{Sr}_x\text{CuO}_4$ from resonant soft x-ray diffraction. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	91
359	Quantitative determination of spin-dependent quasiparticle lifetimes and electronic correlations in hcp cobalt. <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	40
358	Droplet-like Fermi surfaces in the anti-ferromagnetic phase of $\text{EuFe}_2\text{As}_2$ , an Fe-pnictide superconductor parent compound. <i>Europhysics Letters</i> , <b>2010</b> , 89, 27007	1.6	33
357	Tunable band gap in hydrogenated quasi-free-standing graphene. <i>Nano Letters</i> , <b>2010</b> , 10, 3360-6	11.5	278
356	Orbital character variation of the Fermi surface and doping dependent changes of the dimensionality in $\text{BaFe}_{2-x}\text{Co}_x\text{As}_2$ from angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	51
355	Electronic structure studies of $\text{BaFe}_2\text{As}_2$ by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	72
354	High-resolution hard x-ray photoemission investigation of $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ ( $0.30 \leq x \leq 1$ ). <i>Physical Review B</i> , <b>2009</b> , 80,	3-3	9
353	Charge-transfer excitons in underdoped $\text{Ca}_{2-x}\text{NaxCuO}_2\text{Cl}_2$ studied by electron energy-loss spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	8
352	Electronic structure and electron-phonon coupling of doped graphene layers in $\text{KC}_8$ . <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	75
351	Charge ordering in $\text{La}_{1.8-x}\text{Eu}_{0.2}\text{Sr}_x\text{CuO}_4$ studied by resonant soft x-ray diffraction. <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	96
350	Strength of correlation effects in the electronic structure of iron. <i>Physical Review Letters</i> , <b>2009</b> , 103, 267203	7-4	95
349	Strength of the spin-fluctuation-mediated pairing interaction in a high-temperature superconductor. <i>Nature Physics</i> , <b>2009</b> , 5, 217-221	16.2	193
348	Doping dependence of the chemical potential and surface electronic structure in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ and $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ using hard x-ray photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 80,	3-3	34
347	Electronic structure of $\text{CeCoIn}_5$ from angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	35
346	Angle-resolved photoemission study of the graphite intercalation compound $\text{KC}_8$ : A key to graphene. <i>Physical Review B</i> , <b>2009</b> , 80,	3-3	66
345	Linear plasmon dispersion in single-wall carbon nanotubes and the collective excitation spectrum of graphene. <i>Physical Review Letters</i> , <b>2008</b> , 100, 196803	7-4	196
344	Hybridization effects in $\text{CeCoIn}_5$ observed by angle-resolved photoemission. <i>Physical Review B</i> , <b>2008</b> , 77,	3-3	35
343	Excitation energy map of high-energy dispersion anomalies in cuprates. <i>Physical Review B</i> , <b>2008</b> , 77,	3-3	29

342	Electronic structure of LaFeAsO <sub>1-x</sub> Fx from x-ray absorption spectroscopy. <i>Physical Review B</i> , <b>2008</b> , 78,	3-3	57
341	Valence-band and core-level photoemission spectroscopy of LaFeAsO <sub>1-x</sub> Fx. <i>Physical Review B</i> , <b>2008</b> , 78,	3-3	23
340	On the Electronic Structure of Electron Doped LaFeAsO <sub>1-x</sub> Fx. <i>Journal of the Physical Society of Japan</i> , <b>2008</b> , 77, 117-118	1-5	
339	Loss-spectroscopy on sparse arrays of aligned single-wall carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , <b>2008</b> , 245, 2284-2287	1-3	7
338	Preparation and electronic properties of potassium doped graphite single crystals. <i>Physica Status Solidi (B): Basic Research</i> , <b>2008</b> , 245, 2072-2076	1-3	7
337	Effect of Zn and Ni impurities on the quasiparticle renormalization in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 882-883	1-3	1
336	Observing the heavy fermions in CeCoIn <sub>5</sub> by angle-resolved photoemission. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 666-667	1-3	3
335	Anomalous surface overdoping as a clue to the puzzling electronic structure of YBCO-123. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 888-889	1-3	3
334	About the relation between the quasiparticle Green's function in cuprates obtained from ARPES data and the magnetic susceptibility. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 939-940	1-3	0
333	Disentangling surface and bulk photoemission using circularly polarized light. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	36
332	Relation between the one-particle spectral function and dynamic spin susceptibility of superconducting Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	27
331	Momentum and temperature dependence of renormalization effects in the high-temperature superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	45
330	Anomalous quasiparticle renormalization in Na <sub>0.73</sub> CoO <sub>2</sub> : role of interorbital interactions and magnetic correlations. <i>Physical Review Letters</i> , <b>2007</b> , 99, 046403	7-4	29
329	Momentum and energy dependence of the anomalous high-energy dispersion in the electronic structure of high temperature superconductors. <i>Physical Review Letters</i> , <b>2007</b> , 99, 237002	7-4	87
328	Dressing of the Charge Carriers in High-Tc Superconductors <b>2007</b> , 295-325		14
327	Life of the nodal quasiparticles in Bi-2212 as seen by ARPES. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 201-207	3-9	4
326	Constituents of the quasiparticle spectrum along the nodal direction of high-Tc cuprates. <i>Physical Review Letters</i> , <b>2006</b> , 97, 017002	7-4	83
325	Unadulterated spectral function of low-energy quasiparticles in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ . <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	13

324	Reevaluation of the coupling to a bosonic mode of the charge carriers in (Bi,Pb) <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> at the antinodal point. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	19
323	Parity of the pairing bosons in a high-temperature Pb-Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> bilayer superconductor by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2006</b> , 96, 067001	7.4	26
322	Kinks, nodal bilayer splitting, and interband scattering in YBa <sub>2</sub> Cu <sub>3</sub> O(6+x). <i>Physical Review Letters</i> , <b>2006</b> , 96, 117004	7.4	71
321	Effect of Zn and Ni impurities on the quasiparticle renormalization of superconducting Bi-2212. <i>Physical Review Letters</i> , <b>2006</b> , 96, 037003	7.4	21
320	Current spinon-holon description of the one-dimensional charge-transfer insulator SrCuO <sub>2</sub> : Angle-resolved photoemission measurements. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	12
319	A photoemission study of the nature of the metallic state in single wall carbon nanotube bundles at low potassium doping. <i>Synthetic Metals</i> , <b>2005</b> , 153, 333-336	3.6	5
318	Bare electron dispersion from experiment: Self-consistent self-energy analysis of photoemission data. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	102
317	Single-walled carbon nanotube diameter. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2004</b> , 4, 433-40	1.3	19
316	Electronic properties of potassium-intercalated C <sub>60</sub> peapods. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	18
315	Electronic properties of barium-intercalated single-wall carbon nanotubes. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	27
314	Manifestation of the magnetic resonance mode in the nodal quasiparticle lifetime of the superconducting cuprates. <i>Physical Review Letters</i> , <b>2004</b> , 92, 257006	7.4	43
313	Circular dichroism in angle-resolved photoemission spectra of under- and overdoped Pb-Bi2212. <i>Physical Review Letters</i> , <b>2004</b> , 92, 207001	7.4	41
312	Transition from a Tomonaga-Luttinger liquid to a fermi liquid in potassium-intercalated bundles of single-wall carbon nanotubes. <i>Physical Review Letters</i> , <b>2004</b> , 93, 096805	7.4	124
311	Origin of the shadow Fermi surface in Bi-based cuprates. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	24
310	Change of quasiparticle dispersion in crossing T <sub>c</sub> in the underdoped cuprates. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	7
309	Mixing of Frenkel and charge transfer excitons in quasi-one-dimensional copper phthalocyanine molecular crystals. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	35
308	Doping dependence of many-body effects along the nodal direction in the high-T <sub>c</sub> cuprate (Bi,Pb) <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	19
307	Studies on the Preparation and Characterisation of Carbon Nanostructures. <i>Solid State Phenomena</i> , <b>2004</b> , 99-100, 269-272	0.4	1

306	Superconductors: time-reversal symmetry breaking?. <i>Nature</i> , <b>2004</b> , 431, 1 p following 39	50.4	17
305	Elimination of metal catalyst and carbon-like impurities from single-wall carbon nanotube raw material. <i>Applied Physics A: Materials Science and Processing</i> , <b>2004</b> , 78, 311-314	2.6	23
304	Excitation energy dependence of the ARPES intensity in Pb-doped and pristine Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ <i>Physica C: Superconductivity and Its Applications</i> , <b>2004</b> , 417, 1-6	1.3	3
303	Two types of charge transfer excitations in low dimensional cuprates: an electron energy-loss study. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2004</b> , 137-140, 469-473	1.7	2
302	The interface between phthalocyanines and PEDOT:PSS: evidence for charge transfer and doping. <i>Surface Science</i> , <b>2004</b> , 566-568, 554-559	1.8	19
301	Synthesis and electronic properties of B-doped single wall carbon nanotubes. <i>Carbon</i> , <b>2004</b> , 42, 1123-1126	6.4	66
300	Evidence for CuO conducting band splitting in the nodal direction of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	40
299	Circular dichroism and bilayer splitting in the normal state of underdoped (Pb,Bi) <sub>2</sub> Sr <sub>2</sub> (Ca <sub>x</sub> Y <sub>1-x</sub> )Cu <sub>2</sub> O <sub>8</sub> + $\delta$ and overdoped (Pb,Bi) <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	18
298	Towards molecular spintronics: magnetotransport and magnetism in carbon nanotube-based systems. <i>Diamond and Related Materials</i> , <b>2004</b> , 13, 215-220	3.5	25
297	Formation and electronic properties of BC <sub>3</sub> single-wall nanotubes upon boron substitution of carbon nanotubes. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	103
296	Electronic properties of FeCl <sub>3</sub> -intercalated single-wall carbon nanotubes. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	60
295	Size and dispersion of excitons in organic semiconductors. <i>Synthetic Metals</i> , <b>2004</b> , 141, 21-27	3.6	8
294	Nanotube Spintronics: Magnetic Systems Based on Carbon Nanotubes <b>2004</b> , 359-378		2
293	Low-Energy Charge Excitations in an Undoped Cuprate: Description Beyond the Standard pd $\delta$ Model?. <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 3324-3328	1.1	1
292	Electronic properties of intercalated single-wall carbon nanotubes and C <sub>60</sub> peapods. <i>New Journal of Physics</i> , <b>2003</b> , 5, 156-156	2.9	39
291	Electronic structure and optical properties of boron doped single-wall carbon nanotubes. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	6
290	Production and characterization of MWBNNT and B-doped SWCNT. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	4
289	Electronic Properties of Multiwall Boron Nitride Nanotubes. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	2

288	X-ray Absorption Spectroscopy of CuO <sub>2</sub> Chains. <i>Journal of Low Temperature Physics</i> , <b>2003</b> , 131, 369-373	1.3	
287	Fluorination of copper phthalocyanines: Electronic structure and interface properties. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 9683-9692	2.5	141
286	Analysis of the concentration of C60 fullerenes in single wall carbon nanotubes. <i>Applied Physics A: Materials Science and Processing</i> , <b>2003</b> , 76, 449-456	2.6	39
285	Efficient production of B-substituted single-wall carbon nanotubes. <i>Chemical Physics Letters</i> , <b>2003</b> , 378, 516-520	2.5	86
284	Measuring the gap in angle-resolved photoemission experiments on cuprates. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	90
283	Mixing of interface dipole and band bending at organic/metal interfaces in the case of exponentially distributed transport states. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 6084-6089	2.5	47
282	Determination of the filling factor of C60 peapods by electron energy-loss spectroscopy in transmission. <i>Synthetic Metals</i> , <b>2003</b> , 135-136, 715-716	3.6	3
281	Comparison of the electronic structure of CuPCF <sub>4</sub> /ITO and CuPCF <sub>4</sub> /Au interfaces. <i>Synthetic Metals</i> , <b>2003</b> , 137, 869-870	3.6	11
280	Electronic structure of multiwall boron nitride nanotubes. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	92
279	Infrared response of multiwalled boron nitride nanotubes. <i>Chemical Communications</i> , <b>2003</b> , 82-3	5.8	41
278	Electronic and optical properties of alkali-metal-intercalated single-wall carbon nanotubes. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	82
277	Evidence for two types of low-energy charge transfer excitations in Sr <sub>2</sub> CuO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2003</b> , 91, 037001	7.4	37
276	Charge transfer and doping at organic/organic interfaces. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 3930-3932	3.4	54
275	Anomalous enhancement of the coupling to the magnetic resonance mode in underdoped Pb-Bi <sub>2</sub> 212. <i>Physical Review Letters</i> , <b>2003</b> , 90, 207001	7.4	95
274	Unusual electronic structure of the pseudoladder compound CaCu <sub>2</sub> O <sub>3</sub> . <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	18
273	Doping dependence of the mass enhancement in (Pb,Bi) <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> at the antinodal point in the superconducting and normal states. <i>Physical Review Letters</i> , <b>2003</b> , 91, 167002	7.4	94
272	High trapped fields in bulk YBCO encapsulated in steel tubes. <i>Physica C: Superconductivity and Its Applications</i> , <b>2002</b> , 372-376, 1131-1133	1.3	12
271	Electronic structure of partially fluorinated copper phthalocyanine (CuPCF <sub>4</sub> ) and its interface to Au(). <i>Surface Science</i> , <b>2002</b> , 515, 491-498	1.8	120



270	The distribution of the doped holes in $\text{La}_{2-x}\text{Sr}_x\text{Cu}_{1-y}\text{Ru}_y\text{O}_4$ . <i>Chemical Physics</i> , <b>2002</b> , 282, 451-463	2.3	14
269	Reduced diameter distribution of single-wall carbon nanotubes by selective oxidation. <i>Chemical Physics Letters</i> , <b>2002</b> , 363, 567-572	2.5	80
268	Anisotropy and interplane interactions in the dielectric response of graphite. <i>Physical Review Letters</i> , <b>2002</b> , 89, 076402	7.4	106
267	Detailed analysis of the mean diameter and diameter distribution of single-wall carbon nanotubes from their optical response. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	155
266	X-ray absorption spectra at the Ru and Mn L <sub>2,3</sub> edges and long-range ferromagnetism in $\text{SrRu}_{1-x}\text{Mn}_x\text{O}_3$ solid solutions (0. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	67
265	The electronic structure of the doped one-dimensional transition metal oxide $\text{Y}_{2-x}\text{Ca}_x\text{BaNiO}_5$ studied using X-ray absorption. <i>European Physical Journal B</i> , <b>2002</b> , 26, 449-453	1.2	5
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131	Experimental hole densities in HgBa2Can-1CunO2n+2+ delta compounds from near-edge x-ray-absorption spectroscopy. <i>Physical Review B</i> , <b>1996</b> , 53, 2767-2772	3.3	41
130	Symmetry of hole states in La2-xSrxCuO4 + delta and La2-xSrxNiO4 + delta. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 208-209, 487-490	2.8	3
129	Electron and hole doping in NiO. <i>European Physical Journal B</i> , <b>1995</b> , 97, 83-93	1.2	52
128	Preparation and electronic structure of phase pure K3C60. <i>European Physical Journal B</i> , <b>1995</b> , 98, 9-15	1.2	19
127	Site-specific and doping-dependent electronic structure of YBa2Cu3Ox probed by O 1s and Cu 2p x-ray-absorption spectroscopy. <i>Physical Review B</i> , <b>1995</b> , 51, 8529-8542	3.3	134



126	High-energy electron-energy-loss study of sodium-tungsten bronzes. <i>Physical Review B</i> , <b>1995</b> , 51, 10320-10335	3.4	34
125	Dielectric Function of YNi <sub>2</sub> B <sub>2</sub> C between 10 meV and 50 eV. <i>Europhysics Letters</i> , <b>1995</b> , 30, 55-60	1.6	18
124	The electronic structure of fullerenes and fullerene compounds from high-energy spectroscopy. <i>Journal of Physics Condensed Matter</i> , <b>1995</b> , 7, 8219-8247	1.8	59
123	Electronic structure of K <sub>3</sub> C <sub>60</sub> compounds studied using electron energy-loss spectroscopy. <i>Synthetic Metals</i> , <b>1995</b> , 70, 1321-1324	3.6	15
122	Site specific and doping dependent electronic structure of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> probed by O1s and Cu2p x-ray absorption spectroscopy. <i>Synthetic Metals</i> , <b>1995</b> , 71, 1563-1566	3.6	1
121	Electron energy-loss investigation of the electronic structure of a PPP-related ladder polymer. <i>Synthetic Metals</i> , <b>1995</b> , 69, 437-438	3.6	
120	A Resonant-Photoemission Study of YNi <sub>2</sub> B <sub>2</sub> C. <i>Europhysics Letters</i> , <b>1994</b> , 28, 369-374	1.6	24
119	Electron-energy-loss studies of Ca-doped C <sub>60</sub> . <i>Physical Review B</i> , <b>1994</b> , 49, 1427-1432	3.3	14
118	Local-field effects in NiO and Ni. <i>Physical Review B</i> , <b>1994</b> , 50, 7311-7321	3.3	34
117	Plasmon dispersion and the dielectric function in YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> single crystals. <i>Physica C: Superconductivity and Its Applications</i> , <b>1994</b> , 230, 121-127	1.3	13
116	The electronic structure of the conduction band of K <sub>3</sub> C <sub>60</sub> studied by photoemission and electron energy-loss spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , <b>1994</b> , 235-240, 2491-2492	1.3	5
115	Electron energy-loss and x-ray absorption spectroscopy of cuprate superconductors and related compounds. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1994</b> , 66, 395-452	1.7	152
114	Crystal and electronic structure of solid C <sub>76</sub> . <i>European Physical Journal B</i> , <b>1994</b> , 95, 469-474	1.2	21
113	Electron energy-loss and photoemission studies of solid C <sub>84</sub> . <i>Physical Review B</i> , <b>1994</b> , 50, 4933-4936	3.3	18
112	High-Energy Spectroscopic Studies of Fullerene and Cuprate Superconductors <b>1994</b> , 493-520		
111	Carbon films of amorphous and oriented graphitic structure from fullerene ion beam deposition. <i>The Journal of Physical Chemistry</i> , <b>1993</b> , 97, 8244-8249		20
110	Electronic structure of undoped and doped fullerenes. <i>Synthetic Metals</i> , <b>1993</b> , 56, 3038-3043	3.6	19
109	Electrochemical doping of C <sub>60</sub> in the solid state. <i>Synthetic Metals</i> , <b>1993</b> , 56, 3179-3184	3.6	4

108	Orbital character of states at the Fermi level in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ and $\text{R}_{2-x}\text{Ce}_x\text{CuO}_4$ ( $\text{R}=\text{Nd}, \text{Sm}$ ). <i>Physical Review B</i> , <b>1993</b> , 47, 3354-3367	3.3	164
107	Photoemission study of the electronic structure of $\text{C}_{60}$ and $\text{K}_x\text{C}_{60}$ . <i>Physical Review B</i> , <b>1993</b> , 47, 11470-11478	3.3	73
106	Electron-energy-loss studies of $\text{Rb}_x\text{C}_{60}$ and $\text{Rb}_x\text{C}_{70}$ ( $x=0, 3, \text{ and } 6$ ). <i>Physical Review B</i> , <b>1993</b> , 47, 14532-14540	3.3	57
105	Polarized x-ray-absorption study of $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ and $\text{Tl}_2\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ . <i>Physical Review B</i> , <b>1993</b> , 48, 10520-10523	3.3	23
104	Satellites in the photoemission spectra of $\text{A}_3\text{C}_{60}$ ( $\text{A}=\text{K}$ and $\text{Rb}$ ). <i>Physical Review B</i> , <b>1993</b> , 47, 13944-13947	3.3	87
103	Resonant photoemission study of K-derived valence-band states in $\text{K}_x\text{C}_{60}$ . <i>European Physical Journal B</i> , <b>1993</b> , 92, 347-351	1.2	5
102	Hole states in $\text{CuO}_2$ planes and $\text{Cu-O}$ chains of $\text{YBa}_2\text{Cu}_3\text{O}_7$ and $\text{YBa}_2\text{Cu}_4\text{O}_8$ probed by soft-x-ray absorption spectroscopy. <i>Physical Review B</i> , <b>1992</b> , 45, 2581-2584	3.3	52
101	p-type doping of $\text{C}_{60}$ films. <i>Synthetic Metals</i> , <b>1992</b> , 51, 103-108	3.6	7
100	Fourier-transform EPR investigation of photo-generated radical anions of $\text{C}_{60}$ in solution. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 10059-10061	16.4	26
99	Electronic Structure Studies of Undoped and n-Type Doped Fullerene $\text{C}_{60}$ . <i>Europhysics Letters</i> , <b>1992</b> , 17, 51-55	1.6	104
98	Transmission electron energy-loss spectroscopy. <i>Topics in Applied Physics</i> , <b>1992</b> , 203-241	0.5	11
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96	Photoemission study of the metal to insulator transition of $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x\text{Cu}_2\text{O}_8$ . <i>Surface Science</i> , <b>1992</b> , 269-270, 1071-1076	1.8	15
95	Electron energy-loss spectroscopy studies on $\text{C}_{60}$ and $\text{C}_{70}$ fullerite. <i>European Physical Journal B</i> , <b>1992</b> , 86, 87-92	1.2	168
94	Pulsed EPR on the photoexcited triplet state of $\text{C}_{60}$ fullerene. <i>Chemical Physics Letters</i> , <b>1992</b> , 200, 440-444	1.3	51
93	On the Surfacegrived State of Cleaved $\text{YBa}_2\text{Cu}_3\text{O}_7$ -Single Crystals. <i>Acta Physica Polonica A</i> , <b>1992</b> , 82, 349-354	0.6	1
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91	Evidence against hole formation by $\text{Ca}$ in $\text{YBa}_2\text{Cu}_4\text{O}_8$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 182, 62-66	1.3	22

90	An intrinsic surface state on YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 185-189, 843-844	1.3	4
89	High-energy spectroscopy studies of high-T <sub>c</sub> superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 185-189, 45-50	1.3	32
88	Electronic structure studies on the n-type doped superconductors R <sub>2-x</sub> M <sub>x</sub> CuO <sub>4-<math>\delta</math></sub> (R=Pr,Nd,Sm; M=Ce,Th) and Nd <sub>2</sub> CuO <sub>4-x</sub> F <sub>x</sub> by electron-energy-loss spectroscopy. <i>Physical Review B</i> , <b>1991</b> , 43, 333-343	3.3	101
87	Evidence for a surface-derived electronic state on YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.8</sub> . <i>Physical Review B</i> , <b>1991</b> , 44, 2399-2402	3.3	22
86	Long-wavelength collective excitations of charge carriers in high-T <sub>c</sub> superconductors. <i>Physical Review B</i> , <b>1991</b> , 44, 7155-7158	3.3	55
85	Momentum-dependent excitations in beta -carotene, a finite-size system between molecules and polymers. <i>Physical Review Letters</i> , <b>1991</b> , 66, 2022-2025	7.4	20
84	Occupied electronic structure and Fermi surface of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.8</sub> . <i>Physical Review B</i> , <b>1991</b> , 44, 9500-9503	3.3	31
83	Electronic structure of conjugated oligomers. <i>Synthetic Metals</i> , <b>1991</b> , 41, 1207-1213	3.6	10
82	Electronic structure of poly(p-phenylenevinylene) and poly(2,5-thienylenevinylene). <i>Synthetic Metals</i> , <b>1991</b> , 41, 1353-1357	3.6	6
81	Electronic structure and Fermi surface of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>European Physical Journal B</i> , <b>1990</b> , 80, 181-185	1.2	79
80	Dielectric function of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> between 50 meV and 50 eV. <i>European Physical Journal B</i> , <b>1990</b> , 78, 367-380	1.2	73
79	Surface electronic structure of the 83 K superconductor Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Vacuum</i> , <b>1990</b> , 41, 986-988	3.7	1
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66	Recent Developments in Energy-Loss Spectroscopy. <i>Advances in Electronics and Electron Physics</i> , <b>1989</b> , 75, 121-232		314
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45	Electronic structure of pyrrole-based conducting polymers. <i>Synthetic Metals</i> , <b>1987</b> , 18, 71-76	3.6	6
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43	Momentum-dependent dielectric functions of oriented trans-polyacetylene. <i>Physical Review B</i> , <b>1986</b> , 34, 5320-5328	3.3	94
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34	Dielectric properties of ZrN, NbC, and NbN as determined by electron-energy-loss spectroscopy. <i>Physical Review B</i> , <b>1985</b> , 31, 1244-1247	3-3	44
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31	Pressure of Neon, Argon, and Xenon Bubbles in Aluminum. <i>Physical Review Letters</i> , <b>1984</b> , 53, 922-925	7-4	242
30	Dielectric properties of TiCx, TiNx, VCx, and VNx from 1.5 to 40 eV determined by electron-energy-loss spectroscopy. <i>Physical Review B</i> , <b>1984</b> , 30, 1155-1163	3-3	156
29	Electronic structure of Li-doped polyparaphenylene. <i>Physical Review B</i> , <b>1984</b> , 30, 4867-4869	3-3	31
28	Investigation of hydrocarbon-plasma-generated carbon films by electron-energy-loss spectroscopy. <i>Physical Review B</i> , <b>1984</b> , 30, 4713-4718	3-3	256
27	Electronic states in polypyrrole. <i>Solid State Communications</i> , <b>1983</b> , 46, 477-480	1-6	55
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1	Recoilless emission in <sup>156</sup> Gd and <sup>158</sup> Gd following neutron capture reactions. <i>Physics Letters</i> , <b>1965</b> , 17, 326-327		39

