

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evidence for holes on oxygen sites in the high-Tc superconductors $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-y}$. Physical Review B, 1988, 37, 5158-5163.	1.1	572
2	Large Tunable Rashba Spin Splitting of a Two-Dimensional Electron Gas in Bi_2Se_3 . Physical Review Letters, 2011, 107, 096802.	2.9	405
3	Localized and Delocalized Electronic States in Single-Wall Carbon Nanotubes. Physical Review Letters, 1998, 80, 4729-4732.	2.9	395
4	Atomic coordination and the distribution of electric field gradients in amorphous solids. Physical Review B, 1981, 23, 2513-2530.	1.1	350
5	Recent Developments in Energy-Loss Spectroscopy. Advances in Electronics and Electron Physics, 1989, 75, 121-232.	0.6	348
6	Symmetry of holes in high-Tc superconductors. Physical Review B, 1989, 39, 6619-6629.	1.1	343
7	Tunable Band Gap in Hydrogenated Quasi-Free-Standing Graphene. Nano Letters, 2010, 10, 3360-3366.	4.5	297
8	Evidence against hole filling by Pr in $\text{YBa}_2\text{Cu}_3\text{O}_7$. Physical Review B, 1990, 42, 4823-4826.	1.1	276
9	Investigation of hydrocarbon-plasma-generated carbon films by electron-energy-loss spectroscopy. Physical Review B, 1984, 30, 4713-4718.	1.1	263
10	Pressure of Neon, Argon, and Xenon Bubbles in Aluminum. Physical Review Letters, 1984, 53, 922-925.	2.9	251
11	Experimental electronic structure studies of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. European Physical Journal B, 1987, 67, 9-14.	0.6	240
12	Structure and bonding of hydrocarbon plasma generated carbon films: An electron energy loss study. Solid State Communications, 1983, 47, 687-691.	0.9	226
13	Full characterization of the interface between the organic semiconductor copper phthalocyanine and gold. Journal of Applied Physics, 2002, 91, 4872-4878.	1.1	224
14	Strength of the spin-fluctuation-mediated pairing interaction in a high-temperature superconductor. Nature Physics, 2009, 5, 217-221.	6.5	222
15	Electronic structure of the system $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review B, 1990, 42, 8768-8771.	1.1	221
16	Hydrogen storage in carbon nanostructures. Journal of Alloys and Compounds, 2002, 330-332, 654-658.	2.8	215
17	L _{2,3} absorption spectra of the lighter 3d transition metals. Physical Review B, 1985, 32, 4905-4913.	1.1	212
18	Linear Plasmon Dispersion in Single-Wall Carbon Nanotubes and the Collective Excitation Spectrum of Graphene. Physical Review Letters, 2008, 100, 196803.	2.9	211

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19	2pabsorption spectra of the3delements. Physical Review B, 1985, 32, 4899-4904.	1.1	208
20	Order on disorder: Copper phthalocyanine thin films on technical substrates. Journal of Applied Physics, 2001, 90, 466-469.	1.1	198
21	Diameter grouping in bulk samples of single-walled carbon nanotubes from optical absorption spectroscopy. Applied Physics Letters, 1999, 75, 2217-2219.	1.5	194
22	Dielectric properties ofTiCx,TiNx,VCx, andVNxfrom 1.5 to 40 eV determined by electron-energy-loss spectroscopy. Physical Review B, 1984, 30, 1155-1163.	1.1	190
23	Electron energy-loss spectroscopy studies on C60 and C70 fullerite. European Physical Journal B, 1992, 86, 87-92.	0.6	174
24	Orbital character of states at the Fermi level inLa2âˆ™xSrxCuO4andR2âˆ™xCexCuO4(R=Nd,Sm). Physical Review B, 1993, 47, 3354-3367.	1.1	171
25	Hydrogen storage in different carbon nanostructures. Applied Physics Letters, 2002, 80, 2985-2987.	1.5	171
26	Valence bands and electron correlation in the high-Tcsuperconductors. Physical Review B, 1988, 37, 123-126.	1.1	170
27	Valence-electron excitations in the alkali metals. Physical Review B, 1989, 40, 10181-10193.	1.1	170
28	Electronic structure of the organic semiconductor copper phthalocyanine and K-CuPc studied using photoemission spectroscopy. Physical Review B, 2002, 66, .	1.1	169
29	Detailed analysis of the mean diameter and diameter distribution of single-wall carbon nanotubes from their optical response. Physical Review B, 2002, 66, .	1.1	167
30	Electron energy-loss and x-ray absorption spectroscopy of cuprate superconductors and related compounds. Journal of Electron Spectroscopy and Related Phenomena, 1994, 66, 395-452.	0.8	162
31	Superconducting bulk magnets: Very high trapped fields and cracking. Applied Physics Letters, 2001, 79, 3131-3133.	1.5	161
32	Fluorination of copper phthalocyanines: Electronic structure and interface properties. Journal of Applied Physics, 2003, 93, 9683-9692.	1.1	156
33	Energy level alignment at organic/metal interfaces: Dipole and ionization potential. Applied Physics Letters, 2002, 81, 2400-2402.	1.5	147
34	Site-specific and doping-dependent electronic structure ofYBa2Cu3Oxprobed by O 1sand Cu 2px-ray-absorption spectroscopy. Physical Review B, 1995, 51, 8529-8542.	1.1	146
35	Resonant elastic soft x-ray scattering. Reports on Progress in Physics, 2013, 76, 056502.	8.1	141
36	Trapped magnetic fields larger than 14 T in bulk YBa2Cu3O7âˆ™x. Applied Physics Letters, 2000, 76, 2107-2109.	1.5	140

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37	On the Superconducting Energy Gap in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ Investigated by High-Resolution Angle-Resolved Photoemission. <i>Europhysics Letters</i> , 1989, 9, 477-482.	0.7	135
38	Multiple Dirac cones at the surface of the topological metal LaBi. <i>Nature Communications</i> , 2017, 8, 13942.	5.8	135
39	Transition from a Tomonaga-Luttinger Liquid to a Fermi Liquid in Potassium-Intercalated Bundles of Single-Wall Carbon Nanotubes. <i>Physical Review Letters</i> , 2004, 93, 096805.	2.9	131
40	Electronic structure of partially fluorinated copper phthalocyanine (CuPCF_4) and its interface to Au(). <i>Surface Science</i> , 2002, 515, 491-498.	0.8	128
41	New probe for the ground-state electronic structure of narrow-band and impurity systems. <i>Physical Review B</i> , 1985, 31, 6856-6858.	1.1	122
42	Plasmons and interband transitions in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Physical Review B</i> , 1989, 39, 12379-12382.	1.1	122
43	Origin of the Peak-Dip-Hump Line Shape in the Superconducting-State (Γ ,0) Photoemission Spectra of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Physical Review Letters</i> , 2002, 89, 077003.	2.9	120
44	Anisotropy and Interplane Interactions in the Dielectric Response of Graphite. <i>Physical Review Letters</i> , 2002, 89, 076402.	2.9	119
45	Formation and electronic properties of BC_3 single-wall nanotubes upon boron substitution of carbon nanotubes. <i>Physical Review B</i> , 2004, 69, .	1.1	119
46	Bare electron dispersion from experiment: Self-consistent self-energy analysis of photoemission data. <i>Physical Review B</i> , 2005, 71, .	1.1	119
47	Observation of a universal donor-dependent vibrational mode in graphene. <i>Nature Communications</i> , 2014, 5, 3257.	5.8	114
48	Electronic Structure Studies of Undoped and <i>n</i> -Type Doped Fullerene C_{60} . <i>Europhysics Letters</i> , 1992, 17, 51-55.	0.7	108
49	Filling factors, structural, and electronic properties of C_{60} molecules in single-wall carbon nanotubes. <i>Physical Review B</i> , 2002, 65, .	1.1	108
50	Strength of Correlation Effects in the Electronic Structure of Iron. <i>Physical Review Letters</i> , 2009, 103, 267203.	2.9	107
51	Electronic structure studies on then-type doped superconductors $\text{R}_2\text{xMxCuO}_4$ ($\text{R}=\text{Pr},\text{Nd},\text{Sm};\text{M}=\text{Ce},\text{Th}$) and Nd_2CuO_4 by electron-energy-loss spectroscopy. <i>Physical Review B</i> , 1991, 43, 333-343.	1.1	106
52	Doping Dependence of the Mass Enhancement in $(\text{Pb},\text{Bi})_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ at the Antinodal Point in the Superconducting and Normal States. <i>Physical Review Letters</i> , 2003, 91, 167002.	2.9	106
53	Charge ordering in $\text{La}_{1-x}\text{Mn}_x\text{O}_3$. <i>Physical Review B</i> , 2009, 79, .	1.1	105
54	Manifestation of Spin-Charge Separation in the Dynamic Dielectric Response of One-Dimensional Sr_2CuO_3 . <i>Physical Review Letters</i> , 1998, 81, 657-660.	2.9	101

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55	Hole distribution in (Sr,Ca,Y,La) ₁₄ Cu ₂₄ O ₄₁ ladder compounds studied by x-ray absorption spectroscopy. Physical Review B, 2000, 62, 14384-14392.	1.1	101
56	Phase diagram of charge order in La _{2-x} Pr _x Fe ₂ As ₂ F ₂ compounds. Physical Review B, 2000, 62, 14384-14392.	1.1	101
57	Momentum-dependent dielectric functions of oriented trans-polyacetylene. Physical Review B, 1986, 34, 5320-5328.	1.1	99
58	Electronic structure of multiwall boron nitride nanotubes. Physical Review B, 2003, 67, .	1.1	99
59	Anomalous Enhancement of the Coupling to the Magnetic Resonance Mode in Underdoped Pb-Bi ₂₂₁₂ . Physical Review Letters, 2003, 90, 207001.	2.9	99
60	Electronic structure of unoccupied states of TiC, TiN, and VN by electron-energy-loss-spectroscopy. Solid State Communications, 1982, 44, 489-492.	0.9	98
61	Efficient production of B-substituted single-wall carbon nanotubes. Chemical Physics Letters, 2003, 378, 516-520.	1.2	95
62	Satellites in the photoemission spectra of A ₃ C ₆₀ (A=K and Rb). Physical Review B, 1993, 47, 13944-13947.	1.1	93
63	Reduced diameter distribution of single-wall carbon nanotubes by selective oxidation. Chemical Physics Letters, 2002, 363, 567-572.	1.2	93
64	Measuring the gap in angle-resolved photoemission experiments on cuprates. Physical Review B, 2003, 67, .	1.1	93
65	Electronic and optical properties of alkali-metal-intercalated single-wall carbon nanotubes. Physical Review B, 2003, 67, .	1.1	93
66	Density and pressure of helium in small bubbles in metals. Journal of Nuclear Materials, 1982, 111-112, 674-680.	1.3	92
67	Momentum and Energy Dependence of the Anomalous High-Energy Dispersion in the Electronic Structure of High Temperature Superconductors. Physical Review Letters, 2007, 99, 237002.	2.9	91
68	Mg ₃ (Bi,Sb) ₂ single crystals towards high thermoelectric performance. Energy and Environmental Science, 2020, 13, 1717-1724.	15.6	91
69	Constituents of the Quasiparticle Spectrum Along the Nodal Direction of High-Tc Cuprates. Physical Review Letters, 2006, 97, 017002.	2.9	89
70	Joys and Pitfalls of Fermi Surface Mapping in Bi ₂ Sr ₂ CaCu ₂ O ₈ Using Angle Resolved Photoemission. Physical Review Letters, 2000, 84, 4453-4456.	2.9	88
71	Mott-Hubbard-like Behavior of the Energy Gap of A ₄ C ₆₀ (A=Na,K,Rb,Cs) and Na ₁₀ C ₆₀ . Physical Review Letters, 1997, 79, 2714-2717.	2.9	86
72	X-ray absorption spectroscopy of detwinned Pr _x Y _{1-x} Ba ₂ Cu ₃ O ₇ single crystals: Electronic structure and hole distribution. Physical Review B, 1997, 55, 9160-9160.	1.1	85

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73	Multiplet effects in the RuL _{2,3} -ray-absorption spectra of Ru(IV) and Ru(V) compounds. Physical Review B, 2000, 61, 5262-5266.	1.1	84
74	Doping dependence of the Fermi surface in (Bi,Pb) ₂ Sr ₂ CaCu ₂ O _{8+δ} . Physical Review B, 2002, 66, .	1.1	84
75	Electron energy-loss spectroscopy studies of single wall carbon nanotubes. Carbon, 1999, 37, 733-738.	5.4	83
76	Hyperfine interactions in intermetallic compounds between Gd and 3d transition metals. Solid State Communications, 1977, 24, 857-861.	0.9	82
77	Synthesis and electronic properties of B-doped single wall carbon nanotubes. Carbon, 2004, 42, 1123-1126.	5.4	81
78	Electronic structure and electron-phonon coupling of doped graphene layers in $KC_{8-x}M_n$. Physical Review B, 2009, 79, .	1.1	81
79	Surface study of the 83-K superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ by low-energy electron diffraction and angle-resolved inverse photoemission spectroscopy. Physical Review B, 1989, 39, 7316-7319.	1.1	80
80	Electronic structure and Fermi surface of Bi ₂ Sr ₂ CaCu ₂ O ₈ . European Physical Journal B, 1990, 80, 181-185.	0.6	80
81	Monometallofullerene Tm@C ₈₂ : Proof of an Encapsulated Divalent Tm Ion by High-Energy Spectroscopy. Physical Review Letters, 1997, 79, 3026-3029.	2.9	80
82	On-Ball Doping of Fullerenes: The Electronic Structure of C ₅₉ N Dimers from Experiment and Theory. Physical Review Letters, 1997, 78, 4249-4252.	2.9	79
83	Electronic structure studies of undoped and nitrogen-doped tetrahedral amorphous carbon using high-resolution electron energy-loss spectroscopy. Journal of Applied Physics, 2001, 89, 3783-3792.	1.1	78
84	Electronic structure of pristine and intercalated Sc ₃ N@C ₈₀ metallofullerene. Physical Review B, 2002, 66, .	1.1	78
85	Dielectric function of YBa ₂ Cu ₃ O _{7-δ} between 50 meV and 50 eV. European Physical Journal B, 1990, 78, 367-380.	0.6	77
86	Photoemission study of the electronic structure of C ₆₀ and KxC ₆₀ . Physical Review B, 1993, 47, 11470-11478.	1.1	77
87	Structure, morphology, and optical properties of highly ordered films of para-sexiphenyl. Physical Review B, 2000, 61, 16538-16549.	1.1	77
88	Kinks, Nodal Bilayer Splitting, and Interband Scattering in YBa ₂ Cu ₃ O _{6+x} . Physical Review Letters, 2006, 96, 117004.	2.9	76
89	X-ray absorption spectra at the Ru and Mn L _{2,3} edges and long-range ferromagnetism in SrRu _{1-x} Mn _x O ₃ solid solutions (0 < x < 0.5). Physical Review B, 2002, 66, .	1.1	75
90	Electronic structure studies of BaFe ₂ As ₂ by angle-resolved photoemission spectroscopy. Physical Review B, 2009, 79, .	1.1	75

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91	Size of Electron-Hole Pairs in π -Conjugated Systems. <i>Physical Review Letters</i> , 1999, 83, 1443-1446.	2.9	70
92	The copper phthalocyanine/Au() interface studied using high resolution electron energy-loss spectroscopy. <i>Surface Science</i> , 2002, 506, 333-338.	0.8	70
93	Density and symmetry of unoccupied electronic states of $Tl_2Ba_2CaCu_2O_8$. <i>Physical Review B</i> , 1990, 41, 2609-2611.	1.1	69
94	Angle-resolved photoemission study of the graphite intercalation compound KC_8 : A key to graphene. <i>Physical Review B</i> , 2009, 80, .	1.1	69
95	Ultrafast Momentum-Dependent Response of Electrons in Antiferromagnetic $EuFe_2As_2$ by Optical Excitation. <i>Physical Review Letters</i> , 2012, 108, 097002.	2.9	69
96	Superconducting gap in the presence of bilayer splitting in underdoped $(Pb,Bi)_2Sr_2CaCu_2O_{8+\delta}$. <i>Physical Review B</i> , 2002, 66, .	1.1	68
97	Aluminum bulk-plasmon dispersion and its anisotropy. <i>Physical Review B</i> , 1989, 40, 5799-5801.	1.1	67
98	Universal exciton size scaling in π conjugated systems. <i>Chemical Physics Letters</i> , 2000, 318, 585-589.	1.2	67
99	The density and pressure of helium in bubbles in metals. <i>Radiation Effects</i> , 1983, 78, 315-325.	0.4	65
100	Electron-energy-loss spectroscopy of polydiacetylenes. <i>Physical Review B</i> , 1983, 27, 4902-4908.	1.1	65
101	The electronic structure of fullerenes and fullerene compounds from high-energy spectroscopy. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 8219-8247.	0.7	65
102	Potassium intercalated bundles of single-wall carbon nanotubes: electronic structure and optical properties. <i>Solid State Communications</i> , 1999, 109, 721-726.	0.9	65
103	Electron energy-loss spectroscopy: A versatile tool for the investigations of plasmonic excitations. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 195, 85-95.	0.8	65
104	Electronic properties of $FeCl_3$ -intercalated single-wall carbon nanotubes. <i>Physical Review B</i> , 2004, 70, .	1.1	64
105	Electronic states in polypyrrole. <i>Solid State Communications</i> , 1983, 46, 477-480.	0.9	63
106	Long-wavelength collective excitations of charge carriers in high- T_c superconductors. <i>Physical Review B</i> , 1991, 44, 7155-7158.	1.1	62
107	Electron-energy-loss studies of Rb_xC_6O and Rb_xC_7O ($x=0, 3$, and 6). <i>Physical Review B</i> , 1993, 47, 14532-14540.	1.1	62
108	Electronic and magnetic properties of the pyrite-structure compound NiS_2 : influence of vacancies and copper impurities. <i>Journal of Physics C: Solid State Physics</i> , 1976, 9, 761-782.	1.5	62

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109	Electronic structure of $\text{LaFeAsO}_{1-x}\text{F}_x$ studied by x-ray absorption spectroscopy. Physical Review B, 2008, 78, .		
110	Effects of spin-dependent quasiparticle renormalization in Fe, Co, and Ni photoemission spectra: An experimental and theoretical study. Physical Review B, 2012, 85, .	1.1	60
111	AsF ₅ -Doped Polyparaphenylene: Evidence for Polaron and Bipolaron Formation. Physical Review Letters, 1983, 50, 1498-1500.	2.9	59
112	Cu-O network-dependent core-hole screening in low-dimensional cuprate systems: A high-resolution x-ray photoemission study. Physical Review B, 1998, 57, 138-141.	1.1	59
113	Comparison of stripe modulations in $\text{Ba}_{1-x}\text{K}_x\text{BiO}_3$ and $\text{Ba}_{1-x}\text{K}_x\text{CuO}_3$. Physical Review B, 2000, 61, 10149-10153.	1.1	58
114	Local-field effects and anisotropic plasmon dispersion in diamond. Physical Review B, 2000, 61, 10149-10153.	1.1	57
115	Charge transfer and doping at organic/organic interfaces. Applied Physics Letters, 2003, 83, 3930-3932.	1.5	57
116	Existence of an antiferromagnetic metallic phase (AFM) in the NiS_2 system with pyrite structure. Physics Letters, Section A: General, Atomic and Solid State Physics, 1975, 53, 31-33.	0.9	56
117	Is $\text{Nd}_2\text{CeCuO}_4$ an electron-superconductor?. European Physical Journal B, 1989, 75, 421-422.	0.6	56
118	Electron and hole doping in NiO. European Physical Journal B, 1995, 97, 83-93.	0.6	56
119	Superconducting rare earth transition metal borocarbides. Physica C: Superconductivity and Its Applications, 1999, 317-318, 117-126.	0.6	56
120	Ultrafast Modulation of the Chemical Potential in BaFe_2As_2 . Coherent Phonons. Physical Review Letters, 2014, 112, .	2.9	56
121	Pulsed EPR on the photoexcited triplet state of C ₆₀ fullerene. Chemical Physics Letters, 1992, 200, 440-444.	1.2	55
122	Excitons in quasi-one-dimensional organic crystals. Physical Review B, 2002, 66, .	1.1	55
123	Orbital character variation of the Fermi surface and doping dependent changes of the dimensionality in BaFe_2As_2 . Physical Review B, 2010, 81, .	1.1	55
124	Hole states in CuO_2 planes and 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. Physical Review B, 1992, 45, 2581-2584.	1.1	54
125	Rate-Limiting Processes in the Formation of Single-Wall Carbon Nanotubes: Pointing the Way to the Nanotube Formation Mechanism. Journal of Physical Chemistry B, 2002, 106, 2875-2883.	1.2	54
126	Dielectric properties of ZrN, NbC, and NbN as determined by electron-energy-loss spectroscopy. Physical Review B, 1985, 31, 1244-1247.	1.1	53

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127	Electronic structure of pyrrole-based conducting polymers: An electron-energy-loss-spectroscopy study. <i>Physical Review B</i> , 1986, 34, 1101-1115.	1.1	53
128	On the electronic structure and superconducting gap of Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physica C: Superconductivity and Its Applications</i> , 1989, 162-164, 1381-1382.	0.6	53
129	Infrared response of multiwalled boron nitride nanotubes. <i>Chemical Communications</i> , 2003, , 82-83.	2.2	53
130	π-electron delocalization in poly(p-phenylene), poly(p-phenylenesulfide), and poly(p-phenyleneoxide). <i>Physical Review B</i> , 1983, 28, 1802-1808.	1.1	52
131	Momentum and temperature dependence of renormalization effects in the high-temperature superconductor YBa ₂ Cu ₃ O _{7-δ} . <i>Physical Review B</i> , 2007, 76, .	1.1	52
132	Gas-dynamic consideration of the laser evaporation synthesis of single-wall carbon nanotubes. <i>Applied Physics A: Materials Science and Processing</i> , 1999, 69, S593-S596.	1.1	51
133	High trapped fields in bulk YBa ₂ Cu ₃ O _{7-δ} samples at temperatures around 50 K. <i>Applied Physics Letters</i> , 1997, 70, 117-119.	1.5	50
134	Interface properties of organic/indium tin oxide and organic/GeS(001) studied using photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2000, 88, 1535-1540.	1.1	50
135	Quantitative determination of the pressure of He in bubbles in Al and Ni. <i>Solid State Communications</i> , 1982, 44, 481-484.	0.9	48
136	Hole distribution between the Ni 3d and O 2p orbitals in Nd _{2-x} Sr _x NiO ₄ . <i>Physical Review B</i> , 2000, 61, 3739-3744.	1.1	48
137	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> , 2003, 93, 6084-6089.	1.1	48
138	Observation of giant spin-split Fermi-arc with maximal Chern number in the chiral topological semimetal PtGa. <i>Nature Communications</i> , 2020, 11, 2033.	5.8	46
139	Manifestation of the Magnetic Resonance Mode in the Nodal Quasiparticle Lifetime of the Superconducting Cuprates. <i>Physical Review Letters</i> , 2004, 92, 257006.	2.9	45
140	Doping dependence of the chemical potential and surface electronic structure in YBa ₂ Cu ₃ O _{6+x} and La _{2-x} Sr _x CuO ₄ using hard x-ray photoemission spectroscopy. <i>Physical Review B</i> , 2009, 80, .	1.1	44
141	Estimation of matrix-element effects and determination of the Fermi surface in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} systems using angle-scanned photoemission spectroscopy. <i>Physical Review B</i> , 2001, 64, .	1.1	43
142	Electronic properties of intercalated single-wall carbon nanotubes and C ₆₀ peapods. <i>New Journal of Physics</i> , 2003, 5, 156-156.	1.2	43
143	Experimental hole densities in HgBa ₂ Can _{1-x} Cu _n O _{2n+2+δ} compounds from near-edge x-ray-absorption spectroscopy. <i>Physical Review B</i> , 1996, 53, 2767-2772.	1.1	42
144	Circular Dichroism in Angle-Resolved Photoemission Spectra of Under- and Overdoped Pb-Bi ₂ 212. <i>Physical Review Letters</i> , 2004, 92, 207001.	2.9	42

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145	Character of charge transfer excitons in Sr ₂ CuO ₂ Cl ₂ . Physical Review B, 2002, 65, .	1.1	41
146	Analysis of the concentration of C 60 fullerenes in single wall carbon nanotubes. Applied Physics A: Materials Science and Processing, 2003, 76, 449-456.	1.1	41
147	Evidence for CuO conducting band splitting in the nodal direction of Bi ₂ Sr ₂ CaCu ₂ O ₈ + \hat{f} . Physical Review B, 2004, 70, .	1.1	41
148	Anisotropic Eliashberg function and electron-phonon coupling in doped graphene. Physical Review B, 2013, 88, .	1.1	41
149	Angle-resolved photoemission spectroscopy of Sr ₂ CuO ₂ Cl ₂ . Physical Review B, 2000, 63, .	1.1	40
150	Impact of catalyst coarsening on the formation of single-wall carbon nanotubes. Chemical Physics Letters, 2001, 339, 297-304.	1.2	40
151	Strong chemical interaction between indium tin oxide and phthalocyanines. Applied Physics Letters, 2002, 80, 2916-2918.	1.5	40
152	Hybridization effects in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Ce} \langle \text{mml:mi mathvariant="normal"} \rangle \text{Co} \langle \text{mml:mi mathvariant="normal"} \rangle \text{In} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ observed by angle-resolved photoemission. Physical Review B, 2008, 77, .	1.1	40
153	Quantitative determination of spin-dependent quasiparticle lifetimes and electronic correlations in hcp cobalt. Physical Review B, 2010, 82, .	1.1	40
154	Coherent excitations and electron-phonon coupling in Ba/EuFe ₂ As ₂ compounds investigated by femtosecond time- and angle-resolved photoemission spectroscopy. Journal of Physics Condensed Matter, 2013, 25, 094003.	0.7	40
155	Recoilless \hat{I}^3 emission in ¹⁵⁶ Gd and ¹⁵⁸ Gd following neutron capture reactions. Physics Letters, 1965, 17, 326-327.	2.2	39
156	Anomalous electronic behaviour of Na superfullerides: theory and experiment. Europhysics Letters, 1996, 34, 699-704.	0.7	39
157	Electronic correlations in solids, studied using electron energy-loss spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2001, 117-118, 287-309.	0.8	39
158	Evidence for Two Types of Low-Energy Charge Transfer Excitations in Sr ₂ CuO ₃ . Physical Review Letters, 2003, 91, 037001.	2.9	39
159	Droplet-like Fermi surfaces in the anti-ferromagnetic phase of EuFe ₂ As ₂ , an Fe-pnictide superconductor parent compound. Europhysics Letters, 2010, 89, 27007.	0.7	39
160	High-energy electron-energy-loss study of sodium-tungsten bronzes. Physical Review B, 1995, 51, 10320-10335.	1.1	38
161	Growth of RENi ₂ B ₂ C single crystals by RF-zone melting. Journal of Crystal Growth, 1999, 198-199, 642-648.	0.7	38
162	Proof for trivalent Sc ions in Sc ₂ @C ₈₄ from high-energy spectroscopy. Physical Review B, 2000, 62, 13196-13201.	1.1	38

#	ARTICLE	IF	CITATIONS
163	Electronic structure of CeCoIn_5 from an angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2009, 79, .	0.5	38
164	Electronic structure of unoccupied states of stoichiometric ZrN, NbC and NbN As determined by high energy electron energy loss spectroscopy. <i>Solid State Communications</i> , 1985, 55, 675-677.	0.9	37
165	Mixing of Frenkel and charge transfer excitons in quasi-one-dimensional copper phthalocyanine molecular crystals. <i>Physical Review B</i> , 2004, 69, .	1.1	37
166	Disentangling surface and bulk photoemission using circularly polarized light. <i>Physical Review B</i> , 2007, 76, .	1.1	37
167	Electron energy-loss spectroscopy applied to solids. <i>European Physical Journal B</i> , 1985, 61, 463-468.	0.6	36
168	Local-field effects in NiO and Ni. <i>Physical Review B</i> , 1994, 50, 7311-7321.	1.1	36
169	Difference in spin state and covalence between LaSrCoO_3 and $\text{LaSrLi}_{0.5}\text{Co}_{0.5}\text{O}_4$. <i>Journal of Alloys and Compounds</i> , 2002, 343, 5-13.	2.8	36
170	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> , 2011, 84, .	1.1	36
171	Electron-phonon coupling in 122 Fe pnictides analyzed by femtosecond time-resolved photoemission. <i>New Journal of Physics</i> , 2013, 15, 083023.	1.2	36
172	Signatures of Sixfold Degenerate Exotic Fermions in a Superconducting Metal PdSb_2 . <i>Advanced Materials</i> , 2020, 32, e1906046.	11.1	36
173	Electronic structure of $\text{LaSr}_x\text{CuO}_4$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-y}$. <i>Physica C: Superconductivity and Its Applications</i> , 1988, 153-155, 119-120.	0.6	35
174	Quantum Size Effects in Excitations of Potassium Clusters. <i>Physical Review Letters</i> , 1988, 61, 2249-2252.	2.9	35
175	Electronic structure studies of high- T_c superconductors by high-energy spectroscopies. <i>IBM Journal of Research and Development</i> , 1989, 33, 372-381.	3.2	35
176	Electronic structure of metallic $\text{K}_0.3\text{MoO}_3$ and insulating MoO_3 from high-energy spectroscopy. <i>Physical Review B</i> , 1999, 60, 8559-8568.	1.1	35
177	Electronic structure and optical properties of concentric-shell fullerenes from electron-energy-loss spectroscopy in transmission. <i>Physical Review B</i> , 2001, 63, .	1.1	34
178	Electronic structure of K-intercalated 8-tris-hydroxyquinoline aluminum studied by photoemission spectroscopy. <i>Physical Review B</i> , 2001, 63, .	1.1	34
179	High-energy spectroscopy studies of high- T_c superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 45-50.	0.6	33
180	Four-band extended Hubbard Hamiltonian for the one-dimensional cuprate Sr_2CuO_3 : Distribution of oxygen holes and its relation to strong intersite Coulomb interaction. <i>Physical Review B</i> , 2000, 62, 10752-10765.	1.1	33

#	ARTICLE	IF	CITATIONS
181	Occupied electronic structure and Fermi surface of YBa ₂ Cu ₃ O _{6.8} . Physical Review B, 1991, 44, 9500-9507.	1.1	32
182	High-resolution electron energy-loss spectroscopy of undoped and nitrogen-doped tetrahedral amorphous carbon films. Diamond and Related Materials, 2000, 9, 722-727.	1.8	32
183	Anomalous Quasiparticle Renormalization in $\text{Na}_{0.73}\text{CoO}$. Role of Interorbital Interactions and Magnetic Correlations. Physical Review Letters, 2007, 99, 046403.	2.9	32
184	Electronic structure of Li-doped polyparaphenylene. Physical Review B, 1984, 30, 4867-4869.	1.1	31
185	Dynamics of a hole in a CuO ₄ plaquette: Electron energy-loss spectroscopy of Li ₂ CuO ₂ . Physical Review B, 2000, 62, 7845-7849.	1.1	31
186	An electron energy-loss study of the structural and electronic properties of magnetically aligned single wall carbon nanotubes. Synthetic Metals, 2001, 121, 1183-1186.	2.1	31
187	Plasmons in the Heavy Alkali Metals: Strong Deviations from RPA. Europhysics Letters, 1987, 4, 1037-1042.	0.7	30
188	Unoccupied electronic structure of Li ₂ CuO ₂ . Physical Review B, 1999, 60, 13413-13417.	1.1	30
189	Constitution and crystal growth of RE ₂ TMSi ₃ intermetallic compounds. Journal of Alloys and Compounds, 2000, 308, 193-199.	2.8	30
190	Electronic properties of barium-intercalated single-wall carbon nanotubes. Physical Review B, 2004, 70, .	1.1	30
191	Origin of the shadow Fermi surface in Bi-based cuprates. Physical Review B, 2004, 69, .	1.1	30
192	Relation between the one-particle spectral function and dynamic spin susceptibility of superconducting Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review B, 2007, 75, .	1.1	30
193	Excitation energy map of high-energy dispersion anomalies in cuprates. Physical Review B, 2008, 77, .	1.1	30
194	Momentum-dependent excitations in highly ordered films of para-hexaphenyl. Physical Review B, 1997, 56, 10138-10144.	1.1	29
195	The electronic structure of from high energy spectroscopy. European Physical Journal B, 1998, 1, 11-17.	0.6	29
196	Frenkel and charge-transfer excitons in C ₆₀ . Physical Review B, 1999, 60, 10731-10734.	1.1	29
197	A method for rapid calculations of electron trajectories in multi-element electrostatic cylinder lenses. Review of Scientific Instruments, 1980, 51, 918-920.	0.6	28
198	Fourier-transform EPR investigation of photo-generated radical anions of C ₆₀ in solution. Journal of the American Chemical Society, 1992, 114, 10059-10061.	6.6	28

#	ARTICLE	IF	CITATIONS
199	High-resolution x-ray-photoemission study of single crystalline Sr ₂ CuO ₂ Cl ₂ . Physical Review B, 1997, 56, 3438-3446.	1.1	28
200	The metallofullerene Tm@C ₈₂ : isomer-selective electronic structure. Applied Physics A: Materials Science and Processing, 1998, 66, 281-285.	1.1	28
201	New permanent magnets. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1370-1376.	1.0	28
202	Towards molecular spintronics: magnetotransport and magnetism in carbon nanotube-based systems. Diamond and Related Materials, 2004, 13, 215-220.	1.8	28
203	Electron energy-loss studies on high-temperature superconductors. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1415-1418.	0.6	26
204	Analysis of the valence-band photoemission spectrum of Sr ₂ CuO ₂ Cl ₂ along the high-symmetry directions. Physical Review B, 1999, 60, 645-658.	1.1	26
205	Valence-band excitations in V ₂ O ₅ . Physical Review B, 2000, 61, 12792-12798.	1.1	26
206	Elimination of metal catalyst and carbon-like impurities from single-wall carbon nanotube raw material. Applied Physics A: Materials Science and Processing, 2004, 78, 311-314.	1.1	26
207	Parity of the Pairing Bosons in a High-Temperature Pb ²⁺ Bi ₂ Sr ₂ CaCu ₂ O ₈ Bilayer Superconductor by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2006, 96, 067001.	2.9	26
208	Evidence against hole formation by Ca in YBa ₂ Cu ₄ O ₈ . Physica C: Superconductivity and Its Applications, 1991, 182, 62-66.	0.6	25
209	A Resonant-Photoemission Study of YNi ₂ B ₂ C. Europhysics Letters, 1994, 28, 369-374.	0.7	25
210	Normal-state Fermi surface of pristine and Pb-doped Bi ₂ Sr ₂ CaCu ₂ O ₈ from angle-resolved photoemission measurements and its photon energy independence. Physical Review B, 2000, 62, 154-157.	1.1	25
211	Trapped fields beyond 14 tesla in bulk YBa ₂ /Cu ₃ O _{7-δ} . IEEE Transactions on Applied Superconductivity, 2001, 11, 3720-3723.	1.1	25
212	The role of the lattice at the metal-semimetal transition in nickel sulphide. Journal of Physics F: Metal Physics, 1980, 10, 33-51.	1.6	24
213	Direct observation of the peaked density of states in high-Tc A ₁₅ superconductors by electron energy-loss spectroscopy. Physical Review B, 1985, 32, 1850-1852.	1.1	24
214	Polyparaphenylene under pressure: Optical absorption and vibrational modes. Journal of Chemical Physics, 1989, 90, 1930-1934.	1.2	24
215	Polarized x-ray-absorption study of Tl ₂ Ba ₂ CaCu ₂ O ₈ and Tl ₂ Ba ₂ Ca ₂ Cu ₃ O ₁₀ . Physical Review B, 1993, 48, 10520-10523.	1.1	24
216	Localized and delocalized singlet excitons in ladder-type poly(paraphenylene). Physical Review B, 1998, 57, R4202-R4205.	1.1	24

#	ARTICLE	IF	CITATIONS
217	Single-Walled Carbon Nanotube Diameter. Journal of Nanoscience and Nanotechnology, 2004, 4, 433-440.	0.9	24
218	Effect of Zn and Ni Impurities on the Quasiparticle Renormalization of Superconducting Bi-2212. Physical Review Letters, 2006, 96, 037003.	2.9	24
219	Valence-band and core-level photoemission spectroscopy of LaFeAsO . Physical Review B, 2008, 78, .	1.1	24
220	Non-Fermi-liquid scattering rates and anomalous band dispersion in ferropnictides. Physical Review B, 2015, 92, .	1.1	24
221	Excitation of Surface Plasmons on He-Filled Cavities in Al. Physical Review Letters, 1983, 51, 1095-1098.	2.9	23
222	Growth of the bubbles in al during annealing. Radiation Effects, 1983, 78, 327-336.	0.4	23
223	Evidence for a surface-derived electronic state on $\text{YBa}_2\text{Cu}_3\text{O}_{6.8}$. Physical Review B, 1991, 44, 2399-2402.	1.1	23
224	Carbon films of amorphous and oriented graphitic structure from fullerene ion beam deposition. The Journal of Physical Chemistry, 1993, 97, 8244-8249.	2.9	23
225	Observation of the Mössbauer effect with ^{57}Fe following neutron capture in ^{56}Fe . Physics Letters, Section A: General, Atomic and Solid State Physics, 1967, 25, 466-468.	0.9	22
226	Momentum-dependent excitations in $\hat{1}^2$ -carotene, a finite-size system between molecules and polymers. Physical Review Letters, 1991, 66, 2022-2025.	2.9	22
227	Investigation of thiophene-based conducting polymers by electron diffraction and by electron energy-loss spectroscopy. Synthetic Metals, 1987, 18, 163-168.	2.1	21
228	Electronic and phononic properties of high- T_c superconductors. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1067-1071.	0.6	21
229	Electronic structure of copolymers based on phenylene and thiophene units. Synthetic Metals, 1988, 25, 71-77.	2.1	21
230	A hexagonal structure for alkali-metal doped poly (p-phenylene). Solid State Communications, 1991, 78, 691-695.	0.9	21
231	Crystal and electronic structure of solid C76. European Physical Journal B, 1994, 95, 469-474.	0.6	21
232	Electron energy-loss and photoemission studies of solid C84. Physical Review B, 1994, 50, 4933-4936.	1.1	21
233	Doping dependence of many-body effects along the nodal direction in the high- T_c cuprate $(\text{Bi,Pb})_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. Physical Review B, 2004, 69, .	1.1	21
234	Reevaluation of the coupling to a bosonic mode of the charge carriers in $(\text{Bi,Pb})_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ at the antinodal point. Physical Review B, 2006, 74, .	1.1	21

#	ARTICLE	IF	CITATIONS
235	Unusual Dirac Fermions on the Surface of a Noncentrosymmetric BiPd Superconductor. <i>Physical Review Letters</i> , 2016, 117, 177001.	2.9	21
236	First-principles and angle-resolved photoemission study of lithium doped metallic black phosphorous. <i>2D Materials</i> , 2016, 3, 025031.	2.0	21
237	Preparation and electronic structure of phase pure K3C60 . <i>European Physical Journal B</i> , 1995, 98, 9-15.	0.6	20
238	Crystal Growth of High-melting Multi-component Rare Earth-Transition Metal Intermetallic Compounds from the Melt. <i>Crystal Research and Technology</i> , 2000, 35, 461-472.	0.6	20
239	Evidence of hot and cold spots on the Fermi surface of LiFeAs . <i>Physical Review B</i> , 2019, 99, .	1.1	20
240	Electron and crystal structure of sodium-doped polyparaphenylene. <i>Synthetic Metals</i> , 1987, 17, 583-588.	2.1	19
241	Electronic structure of undoped and doped fullerenes. <i>Synthetic Metals</i> , 1993, 56, 3038-3043.	2.1	19
242	Dispersion of a Hole in a Two-Dimensional Cu3O4 Plane: A Tale of Two Singlets. <i>Physical Review Letters</i> , 1997, 78, 4107-4110.	2.9	19
243	Unusual electronic structure of the pseudoladder compound CaCu2O3 . <i>Physical Review B</i> , 2003, 67, .	1.1	19
244	Electronic properties of potassium-intercalated C60 peapods. <i>Physical Review B</i> , 2004, 69, .	1.1	19
245	Time-reversal symmetry breaking?. <i>Nature</i> , 2004, 431, 1-2.	13.7	19
246	The interface between phthalocyanines and PEDOT:PSS: evidence for charge transfer and doping. <i>Surface Science</i> , 2004, 566-568, 554-559.	0.8	19
247	Formation of heavy d-electron quasiparticles in Sr3Ru2O7 . <i>New Journal of Physics</i> , 2013, 15, 063029.	1.2	19
248	Electronic structure of conducting polymers: investigations of oriented samples by electron energy-loss spectroscopy. <i>Synthetic Metals</i> , 1987, 21, 87-94.	2.1	18
249	Dielectric Function of YNi2B2C between 10 meV and 50 eV. <i>Europhysics Letters</i> , 1995, 30, 55-60.	0.7	18
250	Doped holes in edge-shared CuO 2 chains and the dynamic spectral weight transfer in X-ray absorption spectroscopy. <i>Europhysics Letters</i> , 2002, 59, 135-141.	0.7	18
251	Circular dichroism and bilayer splitting in the normal state of underdoped $(\text{Pb,Bi})2\text{Sr2}(\text{CaxY1-x})\text{Cu2O8}$ and overdoped $(\text{Pb,Bi})2\text{Sr2CaCu2O8}$. <i>Physical Review B</i> , 2004, 69, .	1.1	18
252	Thermal transformation of local to extended electronic states in polymers. <i>Physical Review B</i> , 1983, 27, 2612-2614.	1.1	17

#	ARTICLE	IF	CITATIONS
253	Electron-energy-loss studies of Ca-doped C ₆₀ . Physical Review B, 1994, 49, 1427-1432.	1.1	17
254	Doping induced structural changes of oriented trans-polyacetylene. Synthetic Metals, 1989, 28, D225-D229.	2.1	16
255	Transmission electron energy-loss spectroscopy. Topics in Applied Physics, 1992, , 203-241.	0.4	16
256	Electronic structure of the two C ₇₈ isomers with C _{2v} symmetry. Chemical Physics Letters, 1996, 258, 513-517.	1.2	16
257	The electronic structure of polymerized fullerenes and dimerized heterofullerenes. Applied Physics A: Materials Science and Processing, 1997, 64, 301-305.	1.1	16
258	Plasmon excitations in quasi-one-dimensional K _{0.3} MoO ₃ . Physical Review B, 1999, 59, 5414-5425.	1.1	16
259	Core-hole screening response in two-dimensional cuprates: a high-resolution x-ray photoemission study. Physical Review B, 2002, 66, .	1.1	16
260	Dressing of the Charge Carriers in High-T _c Superconductors. , 2007, , 295-325.		16
261	Extremely large magnetoresistance from electron-hole compensation in the nodal-loop semimetal ZrP . Physical Review B, 2021, 103, .	1.1	16
262	Surface effects on YBa ₂ Cu ₃ O _{7-δ} by angle-resolved photoemission. Surface Science, 1992, 269-270, 1066-1070.	0.8	15
263	Photoemission study of the metal to insulator transition of Bi ₂ Sr ₂ Ca _{1-x} Y _x Cu ₂ O _{8+δ} . Surface Science, 1992, 269-270, 1071-1076.	0.8	15
264	Electronic structure of K ⁺ -C ₆₀ compounds studied using electron energy-loss spectroscopy. Synthetic Metals, 1995, 70, 1321-1324.	2.1	15
265	Site-specific unoccupied electronic structure of one-dimensional SrCuO ₂ . Physical Review B, 1997, 55, R7291-R7294.	1.1	15
266	High trapped fields in melt-textured YBa ₂ /Cu ₃ O _{7-δ} . IEEE Transactions on Applied Superconductivity, 1999, 9, 2070-2073.	1.1	15
267	Dynamic structure factor and excitons in TPD. Physical Review B, 2000, 61, 1662-1665.	1.1	15
268	Electronic structure of CuGeO ₃ : Charge excitations between zero and one dimension. Physical Review B, 2001, 64, .	1.1	15
269	One-dimensional dynamics of the electrons in NaV ₂ O ₅ . Physical Review B, 2001, 63, .	1.1	15
270	High-Energy Anomaly in the Angle-Resolved Photoemission Spectra of Nd ₂ CuO ₄ . Physical Review Letters, 2014, 113, 137001.	2.9	15

#	ARTICLE	IF	CITATIONS
271	Momentum-dependent dielectric functions of highly oriented undoped and Na-doped trans-polyacetylene. <i>Synthetic Metals</i> , 1987, 17, 377-382.	2.1	14
272	Plasmon dispersion and the dielectric function in YBa ₂ Cu ₄ O ₈ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 230, 121-127.	0.6	14
273	Unoccupied electronic structure of Sr ₂ CuO ₂ Cl ₂ and Ba ₂ Cu ₃ O ₄ Cl ₂ : Experiment and theory. <i>Physical Review B</i> , 1998, 57, 3672-3678.	1.1	14
274	XAS spectra of Ce ₂ [MnN ₃] at the Ce-M _{4,5} , Ce-L ₃ , Mn-L _{2,3} and N-K thresholds. <i>Journal of Alloys and Compounds</i> , 2002, 346, 129-133.	2.8	14
275	The distribution of the doped holes in La _{2-x} Sr _x Cu _{1-y} Ru _y O ₄ . <i>Chemical Physics</i> , 2002, 282, 451-463.	0.9	14
276	Current spinon-holon description of the one-dimensional charge-transfer insulator SrCuO ₂ : Angle-resolved photoemission measurements. <i>Physical Review B</i> , 2006, 73, .	1.1	14
277	Observation of a remarkable reduction of correlation effects in BaCr ₂ As ₂ by ARPES. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12425-12429.	3.3	14
278	An investigation of magnetic ordering in Gd _{1-x} Ce _x Ru ₂ by ¹⁵⁵ Gd Mössbauer spectroscopy. <i>Physica Status Solidi (B): Basic Research</i> , 1977, 84, 611-618.	0.7	13
279	Study of the optical properties of pyridine intercalated niobium disulphide by electron energy loss spectroscopy. <i>Solid State Communications</i> , 1981, 40, 103-106.	0.9	13
280	Splitting of the electronic states near EF in A ₄ C ₆₀ compounds (A = alkali metal). <i>Zeitschrift für Physik B-Condensed Matter</i> , 1996, 101, 57-60.	1.1	13
281	Bulk superconducting magnets with fields beyond 14T. <i>Physica B: Condensed Matter</i> , 2001, 294-295, 398-401.	1.3	13
282	Characteristic temperature dependence of the f ₄ occupancy in the Kondo system CeSi ₂ . <i>Physical Review B</i> , 2001, 63, .	1.1	13
283	High trapped fields in bulk YBCO encapsulated in steel tubes. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 372-376, 1131-1133.	0.6	13
284	Unadulterated spectral function of low-energy quasiparticles in Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physical Review B</i> , 2006, 74, .	1.1	13
285	Excitation of bubble surface plasmons in rare-gas-irradiated aluminum films. <i>Physical Review B</i> , 1985, 31, 6917-6920.	1.1	12
286	Electronic structure of the 83 K superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physica Scripta</i> , 1990, 41, 579-583.	1.2	12
287	Plasmon dispersion in (A = K, Rb). <i>Journal of Physics Condensed Matter</i> , 1996, 8, 2557-2569.	0.7	12
288	Plasmon behavior of Zn from electron-energy-loss spectroscopy. <i>Physical Review B</i> , 1997, 56, 10154-10160.	1.1	12

#	ARTICLE	IF	CITATIONS
289	Electronic structure of undoped and doped highly-oriented polyacetylene by electron energy-loss spectroscopy. Synthetic Metals, 1989, 28, D237-D245.	2.1	11
290	Electronic structure of conjugated oligomers. Synthetic Metals, 1991, 41, 1207-1213.	2.1	11
291	Plasmon damping and response function in doped compounds. Journal of Physics Condensed Matter, 1996, 8, 4001-4016.	0.7	11
292	Unusual plasmon dispersion in the quasi-one-dimensional conductor (TaSe ₄) ₂ : Experiment and theory. Physical Review B, 1998, 57, 12768-12771.	1.1	11
293	Comparison of the electronic structure of CuPCF ₄ /ITO and CuPCF ₄ /Au interfaces. Synthetic Metals, 2003, 137, 869-870.	2.1	11
294	Experimental evidence for importance of Hund's exchange interaction for incoherence of charge carriers in iron-based superconductors. Physical Review B, 2017, 95, .	1.1	11
295	Formation of He bubbles in Al films irradiated with He ions. Journal of Physics F: Metal Physics, 1982, 12, L279-L283.	1.6	10
296	Electron energy-loss studies of Na _x C ₆₀ compounds. Zeitschrift für Physik B-Condensed Matter, 1996, 102, 55-59.	1.1	10
297	Electron energy-loss and X-ray photoemission spectroscopy of Sr ₂ CuO ₂ Cl ₂ . Physica B: Condensed Matter, 1997, 230-232, 847-849.	1.3	10
298	Polarization-dependent x-ray-absorption spectroscopy of single-crystal YNi ₂ B ₂ C superconductors. Physical Review B, 1999, 60, 11444-11448.	1.1	10
299	Topological magnetic order and superconductivity in EuRbK . Physical Review B, 2021, 103, .		
300	p-type doping of C ₆₀ films. Synthetic Metals, 1992, 51, 103-108.	2.1	9
301	Trapped fields larger than 11 T in bulk YBa ₂ /Cu ₃ /O _{7-x} material. IEEE Transactions on Applied Superconductivity, 2000, 10, 890-893.	1.1	9
302	The electronic structure of cuprates from high energy spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2001, 117-118, 203-222.	0.8	9
303	High-resolution hard x-ray photoemission investigation of $\text{La}_{1-x}\text{Mn}_2\text{O}_7$. Physical Review B, 2009, 80, .	1.1	9
304	Electronic structure and ultrafast dynamics of FeAs ₂ -based superconductors by angle- and time-resolved photoemission spectroscopy. Physica Status Solidi (B): Basic Research, 2017, 254, 1600382.	0.7	9
305	Linkage between scattering rates and superconductivity in doped ferropnictides. Physical Review B, 2021, 103, .	1.1	9
306	Electron energy-loss studies of high-T _c superconductors YBa ₂ Cu ₃ O _{7-x} and Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physica Scripta, 1990, 41, 596-600.	1.2	8

#	ARTICLE	IF	CITATIONS
307	Complex loss function of CdTe. Physical Review B, 1999, 59, 5544-5550.	1.1	8
308	Electronic Structure and Superconductivity of Nonmagnetic Transition Metal Borocarbides. Journal of Low Temperature Physics, 1999, 117, 1617-1621.	0.6	8
309	The electronic structure of potassium intercalated Tm@C82. Synthetic Metals, 1999, 103, 2470-2473.	2.1	8
310	The topology of the Fermi surface of Bi ₂ Sr ₂ CaCu ₂ O ₈ from angle resolved photoemission. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2099-2102.	0.6	8
311	Strongly confined polaron excitations in charged organic semiconductors. Physical Review B, 2001, 63, .	1.1	8
312	The size of electron-hole pairs in π -conjugated oligomers. Synthetic Metals, 2001, 119, 499-502.	2.1	8
313	Vibrational and electronic excitations of (C ₅₉ N) ₂ . Solid State Communications, 2001, 117, 697-701.	0.9	8
314	Size and dispersion of excitons in organic semiconductors. Synthetic Metals, 2004, 141, 21-27.	2.1	8
315	Preparation and electronic properties of potassium doped graphite single crystals. Physica Status Solidi (B): Basic Research, 2008, 245, 2072-2076.	0.7	8
316	Charge-transfer excitons in underdoped Ca _{2-x} NaxCuO ₂ Cl ₂ studied by electron energy-loss spectroscopy. Physical Review B, 2009, 79, .	1.1	8
317	Electronic structure and quantum criticality in Ba(Fe _{1-x} Co _x Mn) ₂ As ₂ . Physical Review B, 2011, 84, 040407.	0.7	8
318	Influence of Lifshitz transitions and correlation effects on the scattering rates of the charge carriers in iron-based superconductors. Europhysics Letters, 2016, 113, 27002.	0.7	8
319	Core electron spectroscopic studies of YNi ₂ B ₂ C. Solid State Communications, 1996, 98, 813-817.	0.9	7
320	Core electron spectroscopic studies of YNi ₂ B ₂ C. Solid State Communications, 1996, 99, 23-27.	0.9	7
321	The dielectric function of dimerised C ₅₉ N. Synthetic Metals, 1997, 86, 2313-2314.	2.1	7
322	Electronic structure studies of layered copper oxychlorides. Physica B: Condensed Matter, 1997, 237-238, 93-94.	1.3	7
323	The quasi-band-structure description of conjugated oligomers. Journal of Physics Condensed Matter, 2000, 12, 1753-1768.	0.7	7
324	Interface properties of Alq ₃ /TPD on sputter-cleaned ITO. Synthetic Metals, 2001, 121, 1435-1436.	2.1	7

#	ARTICLE	IF	CITATIONS
325	Change of quasiparticle dispersion in crossing T_c in the underdoped cuprates. <i>Physical Review B</i> , 2004, 70, .	1.1	7
326	A photoemission study of the nature of the metallic state in single wall carbon nanotube bundles at low potassium doping. <i>Synthetic Metals</i> , 2005, 153, 333-336.	2.1	7
327	Loss spectroscopy on sparse arrays of aligned single-wall carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 2284-2287.	0.7	7
328	Electronic structure of pyrrole-based conducting polymers. <i>Synthetic Metals</i> , 1987, 18, 71-76.	2.1	6
329	Electronic structure of poly(p-phenylenevinylene) and poly(2,5-thienylenevinylene). <i>Synthetic Metals</i> , 1991, 41, 1353-1357.	2.1	6
330	Plasmon dispersion and broadening in A_3C_60 ($A=K, Rb$). <i>Physical Review B</i> , 1996, 53, 3455-3458.	1.1	6
331	Influence of the core polarization on the dielectric properties of polyvalent metals. <i>European Physical Journal B</i> , 1998, 6, 323-328.	0.6	6
332	Electronic structure of the Cu_3O_4 plane of $Ba_2Cu_3O_4Cl_2$: Experiment and theory. <i>Physical Review B</i> , 1998, 57, 10936-10945.	1.1	6
333	The loss function and optical conductivity of potassium intercalated bundles of single wall carbon nanotubes. <i>Synthetic Metals</i> , 1999, 103, 2515-2516.	2.1	6
334	The electronic structure of the doped one-dimensional transition metal oxide $Y_{2-x}Ca_xBaNiO_5$ studied using X-ray absorption. <i>European Physical Journal B</i> , 2002, 26, 449-453.	0.6	6
335	Electronic structure and optical properties of boron doped single-wall carbon nanotubes. <i>AIP Conference Proceedings</i> , 2003, .	0.3	6
336	Influence of lattice structure and substituent on the magnetic interactions in alloy systems. <i>Journal of Magnetism and Magnetic Materials</i> , 1977, 4, 40-41.	1.0	5
337	Resonant photoemission study of K-derived valence-band states in K_xC_60 . <i>European Physical Journal B</i> , 1993, 92, 347-351.	0.6	5
338	The electronic structure of the conduction band of K_3C_60 studied by photoemission and electron energy-loss spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 2491-2492.	0.6	5
339	Electronic structure studies of intercalated, hetero and endohedral fullerenes. <i>Carbon</i> , 1998, 36, 625-631.	5.4	5
340	Electron energy-loss spectroscopy in transmission of undoped and doped diamond films. <i>Carbon</i> , 1999, 37, 823-827.	5.4	5
341	The hole distribution in cuprate chains. <i>Journal of Low Temperature Physics</i> , 1999, 117, 407-411.	0.6	5
342	Chemical vapour deposition - a promising method for production of different kinds of carbon nanotubes. <i>European Physical Journal Special Topics</i> , 2001, 11, Pr3-445-Pr3-451.	0.2	5

#	ARTICLE	IF	CITATIONS
343	Determination of the filling factor of C60 peapods by electron energy-loss spectroscopy in transmission. <i>Synthetic Metals</i> , 2003, 135-136, 715-716.	2.1	5
344	Observing the heavy fermions in CeCoIn5 by angle-resolved photoemission. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 666-667.	0.6	5
345	Doping dependence and electron-boson coupling in the ultrafast relaxation of hot electron populations in Ba(Fe _{1-x} Co _x) ₂ As ₂ . <i>New Journal of Physics</i> , 2016, 18, 093028.	1.2	5
346	Effect of impurity substitution on band structure and mass renormalization of the correlated FeTe _{0.5} Se _{0.5} superconductor. <i>Physical Review B</i> , 2016, 93, .	1.1	5
347	Strong Spin Dependence of Correlation Effects in Ni Due to Stoner Excitations. <i>Physical Review Letters</i> , 2018, 121, 267201.	2.9	5
348	An intrinsic surface state on YBa ₂ Cu ₃ O _{7-δ} . <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 843-844.	0.6	4
349	Electrochemical doping of C60 in the solid state. <i>Synthetic Metals</i> , 1993, 56, 3179-3184.	2.1	4
350	EELS and XPS investigations of Ba ₂ Cu ₃ O ₄ Cl ₂ . <i>Journal of Low Temperature Physics</i> , 1996, 105, 353-358.	0.6	4
351	The electronic structure of one- and two-dimensional cuprates from high-energy spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 317-318, 312-319.	0.6	4
352	The spectroscopic investigation of the optical and electronic properties of SWCNT. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	4
353	Production and characterization of MWBNNT and B-doped SWCNT. <i>AIP Conference Proceedings</i> , 2003, , .	0.3	4
354	Life of the nodal quasiparticles in Bi-2212 as seen by ARPES. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 201-207.	1.9	4
355	Anomalous surface overdoping as a clue to the puzzling electronic structure of YBCO-123. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 888-889.	0.6	4
356	Electronic Structure of Doped Polyparaphenylene. <i>Molecular Crystals and Liquid Crystals</i> , 1985, 118, 287-294.	0.9	3
357	Momentum-dependent dielectric function of the cis-transoid conformation of cis-polyacetylene. <i>Physical Review B</i> , 1989, 40, 8033-8036.	1.1	3
358	Symmetry of hole states in La _{2-x} Sr _x CuO ₄ + δ and La _{2-x} Sr _x NiO ₄ + δ. <i>Physica B: Condensed Matter</i> , 1995, 208-209, 487-490.	1.3	3
359	Superconducting permanent magnets from bulk YBa ₂ /Cu ₃ O _{7-δ} samples. <i>IEEE Transactions on Magnetics</i> , 1998, 34, 2099-2101.	1.2	3
360	Plasmon dispersion in quasi-one-dimensional (TaSe ₄) ₂ I and K _{0.3} MoO ₃ . <i>Synthetic Metals</i> , 1999, 102, 1591-1594.	2.1	3

#	ARTICLE	IF	CITATIONS
361	Electronic structure studies of pressure-polymerized C60. Synthetic Metals, 1999, 103, 2454-2455.	2.1	3
362	Momentum-dependent excitation processes in crystalline and amorphous films of conjugated oligomers. Physical Review B, 2000, 61, 16561-16569.	1.1	3
363	Electronic structure and optical properties of single wall carbon nanotubes and C[_{sub} 60] peapods. AIP Conference Proceedings, 2001, , .	0.3	3
364	Polarization-dependent x-ray-absorption spectroscopy of RNi ₂ B ₂ C (R=Er to Lu): Reduced Ni ³⁺ occupancy in YbNi ₂ B ₂ C. Physical Review B, 2001, 64, .	1.1	3
365	Excitation energy dependence of the ARPES intensity in Pb-doped and pristine Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physica C: Superconductivity and Its Applications, 2004, 417, 1-6.	0.6	3
366	Two types of charge transfer excitations in low dimensional cuprates: an electron energy-loss study. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 469-473.	0.8	3
367	Stripe order of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{La} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1.64 \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{in magnetic fields studied by resonant soft x-ray scattering. Physical Review B, 2016, 94, .$	1.1	3
368	Evidence for an orbital dependent Mott transition in the ladders of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{La} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{ma. Physical Review B, 2020, 101, .}$	1.1	3
369	Nanotube Spintronics: Magnetic Systems Based on Carbon Nanotubes. , 2004, , 359-378.		3
370	About two-dimensional fits for the analysis of the scattering rates and renormalization functions from angle-resolved photoelectron spectroscopy data. Journal of Electron Spectroscopy and Related Phenomena, 2021, 253, 147127.	0.8	3
371	On the possibility of a bound neutron electron state. Physics Letters, Section A: General, Atomic and Solid State Physics, 1970, 31, 83.	0.9	2
372	Spectroscopic study of polyparaphenylene under pressure. Synthetic Metals, 1989, 29, 13-16.	2.1	2
373	Investigations of the electronic structure of cuprate superconductors by high-energy spectroscopy. Journal of the Less Common Metals, 1990, 164-165, 967-978.	0.9	2
374	Dielectric properties of YNi ₂ B ₂ C. Journal of Low Temperature Physics, 1996, 105, 1659-1664.	0.6	2
375	X-Ray photoemission and electron-energy loss spectroscopic studies of Sr ₂ CuO ₂ Cl ₂ . Journal of Low Temperature Physics, 1996, 105, 335-340.	0.6	2
376	Synthesis of carbon nanofibers by catalytic pyrolysis of hydrocarbons. AIP Conference Proceedings, 2000, , .	0.3	2
377	Low-Energy Charge Excitations in an Undoped Cuprate: Description Beyond the Standard $\text{p}d^1f$ -Model?. International Journal of Modern Physics B, 2003, 17, 3324-3328.	1.0	2
378	Electronic Properties of Multiwall Boron Nitride Nanotubes. AIP Conference Proceedings, 2003, , .	0.3	2

#	ARTICLE	IF	CITATIONS
379	Neutron Capture on Molecular Hydrogen. Nuclear Science and Engineering, 1969, 38, 180-180.	0.5	1
380	Magnetic interactions in PrEu and PrGd alloys. Journal of Applied Physics, 1979, 50, 7513.	1.1	1
381	Surface electronic structure of the 83 K superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ . Vacuum, 1990, 41, 986-988.	1.6	1
382	Site specific and doping dependent electronic structure of YBa ₂ Cu ₃ O _x probed by O1s and Cu2p x-ray absorption spectroscopy. Synthetic Metals, 1995, 71, 1563-1566.	2.1	1
383	X-ray absorption spectroscopy of Pr _x Y _{1-x} Ba ₂ Cu ₃ O _{7-y} single crystals. Journal of Low Temperature Physics, 1996, 105, 347-352.	0.6	1
384	The electronic structure of the layered cuprate Ba ₂ Cu ₃ O ₄ Cl ₂ . Physica B: Condensed Matter, 1997, 230-232, 850-852.	1.3	1
385	Electronic structure studies of single-wall carbon nanotubes using electron energy-loss spectroscopy in transmission. , 1998, , .		1
386	Analysis of the first electron-removal states of using polarization dependent angle-resolved photoelectron spectroscopy. European Physical Journal B, 2000, 14, 251-261.	0.6	1
387	Optical absorption study of factors influencing the carbon nanotube nucleation process. AIP Conference Proceedings, 2001, , .	0.3	1
388	Optimization of purification and selective burning of single-wall carbon nanotubes. AIP Conference Proceedings, 2002, , .	0.3	1
389	Electronic structure of intercalated single-wall carbon nanotubes. AIP Conference Proceedings, 2002, , .	0.3	1
390	Covalent interaction in Ba-doped single-wall carbon nanotubes. AIP Conference Proceedings, 2004, , .	0.3	1
391	Studies on the Preparation and Characterisation of Carbon Nanostructures. Solid State Phenomena, 2004, 99-100, 269-272.	0.3	1
392	Publisher's Note: Anomalous Quasiparticle Renormalization in Na _{0.73} CoO ₂ : Role of Interorbital Interactions and Magnetic Correlations [Phys. Rev. Lett.99, 046403 (2007)]. Physical Review Letters, 2007, 99, .	2.9	1
393	Effect of Zn and Ni impurities on the quasiparticle renormalization in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Physica C: Superconductivity and Its Applications, 2007, 460-462, 882-883.	0.6	1
394	About the relation between the quasiparticle Green's function in cuprates obtained from ARPES data and the magnetic susceptibility. Physica C: Superconductivity and Its Applications, 2007, 460-462, 939-940.	0.6	1
395	On the Surfacegrived State of Cleaved YBa ₂ Cu ₃ O _{7-δ} Single Crystals. Acta Physica Polonica A, 1992, 82, 349-354.	0.2	1
396	An investigation of amorphous Gd-Ni alloys by Mössbauer spectroscopy. Journal De Physique Colloque, 1979, 40, C5-245-C5-245.	0.2	0

#	ARTICLE	IF	CITATIONS
397	Electron energy loss spectra of high-Tc A15 materials. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 135, 347-349.	0.9	0
398	Electron energy-loss investigation of the electronic structure of a PPP-related ladder polymer. Synthetic Metals, 1995, 69, 437-438.	2.1	0
399	The electronic structure of intermetallic borocarbide and related superconductors from high energy spectroscopy. Journal of Low Temperature Physics, 1996, 105, 1617-1622.	0.6	0
400	Polarization-dependent angle-resolved photoemission of the layered cuprate Ba2Cu3O4Cl2. Journal of Low Temperature Physics, 1996, 105, 341-346.	0.6	0
401	The electronic structure of doped fullerenes studied using high energy spectroscopy. , 1998, , .		0
402	Electronic structure studies of carbon nanostructures using electron energy-loss spectroscopy in transmission. , 1999, , .		0
403	The electronic structure of mono- and dimetallofullerenes by photoemission spectroscopy. , 1999, , .		0
404	The effects of dimensionality on the ĩ€-plasmon-dispersion in multi-wall carbon nanotubes. , 1999, , .		0
405	The characterization of SWNT containing soot by optical spectroscopy. , 1999, , .		0
406	Synthesis and characterization of carbon nanotubes. AIP Conference Proceedings, 2001, , .	0.3	0
407	Electronic structure studies of carbon nanotubes: Aligned, doped and filled. AIP Conference Proceedings, 2001, , .	0.3	0
408	Variation of the Growth Time of Carbon Nanotubes in Different Gases. AIP Conference Proceedings, 2002, , .	0.3	0
409	X-ray Absorption Spectroscopy of CuO2 Chains. Journal of Low Temperature Physics, 2003, 131, 369-373.	0.6	0
410	Optical properties of intercalated single-wall carbon nanotubes. AIP Conference Proceedings, 2003, , .	0.3	0
411	Limited Number of Possible Mean Diameters in the Evaporation Synthesis of Single-Walled Carbon Nanotubes. AIP Conference Proceedings, 2004, , .	0.3	0
412	Report from the Organizers. Physica C: Superconductivity and Its Applications, 2007, 460-462, ix-xiii.	0.6	0
413	On the Electronic Structure of Electron Doped LaFeAsO1-xFx. Journal of the Physical Society of Japan, 2008, 77, 117-118.	0.7	0
414	The Electronic Structure of Carbon-Based Nanostructures: Fullerenes, Onions and Tubes. , 2000, , 227-242.		0

#	ARTICLE	IF	CITATIONS
415	High-Energy Spectroscopic Studies of Fullerene and Cuprate Superconductors. , 1994, , 493-520.		0
416	HIGH ENERGY SPECTROSCOPIES OF Cu COMPOUNDS, INCLUDING THE NEW SUPERCONDUCTORS. Journal De Physique Colloque, 1987, 48, C9-1189-C9-1192.	0.2	0