

## List of Publications by Citations

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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	Evidence for holes on oxygen sites in the high-Tc superconductors La <sub>2-x</sub> Sr <sub>x</sub> . <i>Physical Review B</i> , <b>1988</b> , 37, 5158-5163	3.3	553
394	Localized and Delocalized Electronic States in Single-Wall Carbon Nanotubes. <i>Physical Review Letters</i> , <b>1998</b> , 80, 4729-4732	7.4	369
393	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
392	Symmetry of holes in high-Tc superconductors. <i>Physical Review B</i> , <b>1989</b> , 39, 6619-6629	3.3	323
391	Atomic coordination and the distribution of electric field gradients in amorphous solids. <i>Physical Review B</i> , <b>1981</b> , 23, 2513-2530	3.3	320
390	Recent Developments in Energy-Loss Spectroscopy. <i>Advances in Electronics and Electron Physics</i> , <b>1989</b> , 75, 121-232		314
389	Tunable band gap in hydrogenated quasi-free-standing graphene. <i>Nano Letters</i> , <b>2010</b> , 10, 3360-6	11.5	278
388	Evidence against hole filling by Pr in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>1990</b> , 42, 4823-4826	3.3	270
387	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
386	Pressure of Neon, Argon, and Xenon Bubbles in Aluminum. <i>Physical Review Letters</i> , <b>1984</b> , 53, 922-925	7.4	242
385	Experimental electronic structure studies of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 67, 9-14	1.2	234
384	Full characterization of the interface between the organic semiconductor copper phthalocyanine and gold. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 4872-4878	2.5	217
383	Structure and bonding of hydrocarbon plasma generated carbon films: An electron energy loss study. <i>Solid State Communications</i> , <b>1983</b> , 47, 687-691	1.6	217
382	Electronic structure of the system La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> +δ. <i>Physical Review B</i> , <b>1990</b> , 42, 8768-8771	3.3	215
381	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
380	L <sub>2,3</sub> absorption spectra of the lighter 3d transition metals. <i>Physical Review B</i> , <b>1985</b> , 32, 4905-4913	3.3	195
379	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

378	2p absorption spectra of the 3d elements. <i>Physical Review B</i> , <b>1985</b> , 32, 4899-4904	3.3	192
377	Order on disorder: Copper phthalocyanine thin films on technical substrates. <i>Journal of Applied Physics</i> , <b>2001</b> , 90, 466-469	2.5	187
376	Hydrogen storage in carbon nanostructures. <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 330-332, 654-658	5.7	184
375	Diameter grouping in bulk samples of single-walled carbon nanotubes from optical absorption spectroscopy. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 2217-2219	3.4	176
374	Electron energy-loss spectroscopy studies on C60 and C70 fullerite. <i>European Physical Journal B</i> , <b>1992</b> , 86, 87-92	1.2	168
373	Valence bands and electron correlation in the high-Tc superconductors. <i>Physical Review B</i> , <b>1988</b> , 37, 123-126	3.3	165
372	Orbital character of states at the Fermi level in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> and R <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> (R=Nd,Sm). <i>Physical Review B</i> , <b>1993</b> , 47, 3354-3367	3.3	164
371	Valence-electron excitations in the alkali metals. <i>Physical Review B</i> , <b>1989</b> , 40, 10181-10193	3.3	159
370	Electronic structure of the organic semiconductor copper phthalocyanine and K-CuPc studied using photoemission spectroscopy. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	157
369	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
368	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
367	Hydrogen storage in different carbon nanostructures. <i>Applied Physics Letters</i> , <b>2002</b> , 80, 2985-2987	3.4	153
366	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
365	Superconducting bulk magnets: Very high trapped fields and cracking. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 3131-3133	3.4	144
364	Fluorination of copper phthalocyanines: Electronic structure and interface properties. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 9683-9692	2.5	141
363	Energy level alignment at organic/metal interfaces: Dipole and ionization potential. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 2400-2402	3.4	138
362	Trapped magnetic fields larger than 14 T in bulk YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <i>Applied Physics Letters</i> , <b>2000</b> , 76, 2107-2109	3.4	135
361	Site-specific and doping-dependent electronic structure of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> 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

360	On the Superconducting Energy Gap in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> Investigated by High-Resolution Angle-Resolved Photoemission. <i>Europhysics Letters</i> , <b>1989</b> , 9, 477-482	1.6	126
359	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
358	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
357	New probe for the ground-state electronic structure of narrow-band and impurity systems. <i>Physical Review B</i> , <b>1985</b> , 31, 6856-6858	3.3	117
356	Origin of the peak-dip-hump line shape in the superconducting-state (pi,0) photoemission spectra of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review Letters</i> , <b>2002</b> , 89, 077003	7.4	113
355	Resonant elastic soft x-ray scattering. <i>Reports on Progress in Physics</i> , <b>2013</b> , 76, 056502	14.4	110
354	Anisotropy and interplane interactions in the dielectric response of graphite. <i>Physical Review Letters</i> , <b>2002</b> , 89, 076402	7.4	106
353	Electronic Structure Studies of Undoped and n-Type Doped Fullerene C <sub>60</sub> . <i>Europhysics Letters</i> , <b>1992</b> , 17, 51-55	1.6	104
352	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
351	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
350	Observation of a universal donor-dependent vibrational mode in graphene. <i>Nature Communications</i> , <b>2014</b> , 5, 3257	17.4	101
349	Electronic structure studies on the n-type doped superconductors R <sub>2-x</sub> M <sub>x</sub> CuO <sub>4-δ</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
348	Plasmons and interband transitions in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>1989</b> , 39, 12379-12382	3.3	100
347	Filling factors, structural, and electronic properties of C <sub>60</sub> molecules in single-wall carbon nanotubes. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	98
346	Charge ordering in La <sub>1.8-x</sub> Eu <sub>0.2</sub> Sr <sub>x</sub> CuO <sub>4</sub> studied by resonant soft x-ray diffraction. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	96
345	Strength of correlation effects in the electronic structure of iron. <i>Physical Review Letters</i> , <b>2009</b> , 103, 267203	7.4	95
344	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
343	Manifestation of Spin-Charge Separation in the Dynamic Dielectric Response of One-Dimensional Sr <sub>2</sub> CuO <sub>3</sub> . <i>Physical Review Letters</i> , <b>1998</b> , 81, 657-660	7.4	94

342	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
341	Momentum-dependent dielectric functions of oriented trans-polyacetylene. <i>Physical Review B</i> , <b>1986</b> , 34, 5320-5328	3.3	94
340	Electronic structure of unoccupied states of TiC, TiN, and VN by electron-energy-loss-spectroscopy. <i>Solid State Communications</i> , <b>1982</b> , 44, 489-492	1.6	93
339	Electronic structure of multiwall boron nitride nanotubes. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	92
338	Hole distribution in (Sr,Ca,Y,La) <sub>14</sub> Cu <sub>24</sub> O <sub>41</sub> ladder compounds studied by x-ray absorption spectroscopy. <i>Physical Review B</i> , <b>2000</b> , 62, 14384-14392	3.3	92
337	Phase diagram of charge order in La <sub>1.8</sub> Eu <sub>0.2</sub> Sr <sub>x</sub> CuO <sub>4</sub> from resonant soft x-ray diffraction. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	91
336	Measuring the gap in angle-resolved photoemission experiments on cuprates. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	90
335	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
334	Satellites in the photoemission spectra of A <sub>3</sub> C <sub>60</sub> (A=K and Rb). <i>Physical Review B</i> , <b>1993</b> , 47, 13944-13947	3.3	87
333	Density and pressure of helium in small bubbles in metals. <i>Journal of Nuclear Materials</i> , <b>1982</b> , 111-112, 674-680	3.3	87
332	Efficient production of B-substituted single-wall carbon nanotubes. <i>Chemical Physics Letters</i> , <b>2003</b> , 378, 516-520	2.5	86
331	Constituents of the quasiparticle spectrum along the nodal direction of high-T <sub>c</sub> cuprates. <i>Physical Review Letters</i> , <b>2006</b> , 97, 017002	7.4	83
330	Electronic and optical properties of alkali-metal-intercalated single-wall carbon nanotubes. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	82
329	Doping dependence of the Fermi surface in (Bi,Pb) <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	82
328	Joys and pitfalls of fermi surface mapping in Bi(2)Sr(2)CaCu(2)O(8+delta) using angle resolved photoemission. <i>Physical Review Letters</i> , <b>2000</b> , 84, 4453-6	7.4	82
327	Hyperfine interactions in intermetallic compounds between Gd and 3d transition metals. <i>Solid State Communications</i> , <b>1977</b> , 24, 857-861	1.6	82
326	Mott-Hubbard-like Behavior of the Energy Gap of A <sub>4</sub> C <sub>60</sub> (A=Na,K,Rb,Cs) and Na <sub>10</sub> C <sub>60</sub> . <i>Physical Review Letters</i> , <b>1997</b> , 79, 2714-2717	7.4	81
325	X-ray absorption spectroscopy of detwinned Pr <sub>x</sub> Y <sub>1-x</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> single crystals:Electronic structure and hole distribution. <i>Physical Review B</i> , <b>1997</b> , 55, 9160-9160	3.3	80

324	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
323	Electron energy-loss spectroscopy studies of single wall carbon nanotubes. <i>Carbon</i> , <b>1999</b> , 37, 733-738	10.4	79
322	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
321	Surface study of the 83-K superconductor Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> by low-energy electron diffraction and angle-resolved inverse photoemission spectroscopy. <i>Physical Review B</i> , <b>1989</b> , 39, 7316-7319	3.3	77
320	Multiple Dirac cones at the surface of the topological metal LaBi. <i>Nature Communications</i> , <b>2017</b> , 8, 13942	7.4	75
319	Electronic structure and electron-phonon coupling of doped graphene layers in KC <sub>8</sub> . <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	75
318	Photoemission study of the electronic structure of C <sub>60</sub> and K <sub>x</sub> C <sub>60</sub> . <i>Physical Review B</i> , <b>1993</b> , 47, 11470-11478	3.3	73
317	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
316	Electronic structure studies of BaFe <sub>2</sub> As <sub>2</sub> by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	72
315	On-Ball Doping of Fullerenes: The Electronic Structure of C <sub>59</sub> N Dimers from Experiment and Theory. <i>Physical Review Letters</i> , <b>1997</b> , 78, 4249-4252	7.4	72
314	Monometallofullerene Tm@C <sub>82</sub> : Proof of an Encapsulated Divalent Tm Ion by High-Energy Spectroscopy. <i>Physical Review Letters</i> , <b>1997</b> , 79, 3026-3029	7.4	72
313	Multiplet effects in the Ru L <sub>2,3</sub> x-ray-absorption spectra of Ru(IV) and Ru(V) compounds. <i>Physical Review B</i> , <b>2000</b> , 61, 5262-5266	3.3	72
312	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
311	Electronic structure of pristine and intercalated Sc <sub>3</sub> N@C <sub>80</sub> metallofullerene. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	71
310	Electronic structure studies of undoped and nitrogen-doped tetrahedral amorphous carbon using high-resolution electron energy-loss spectroscopy. <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 3783-3792	2.5	71
309	Structure, morphology, and optical properties of highly ordered films of para-sexiphenyl. <i>Physical Review B</i> , <b>2000</b> , 61, 16538-16549	3.3	69
308	The copper phthalocyanine/Au(100) interface studied using high resolution electron energy-loss spectroscopy. <i>Surface Science</i> , <b>2002</b> , 506, 333-338	1.8	68
307	X-ray absorption spectra at the Ru and Mn L <sub>2,3</sub> edges and long-range ferromagnetism in SrRu <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> solid solutions (0 < x < 1). <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	67

306	Angle-resolved photoemission study of the graphite intercalation compound KC8: A key to graphene. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	66
305	Synthesis and electronic properties of B-doped single wall carbon nanotubes. <i>Carbon</i> , <b>2004</b> , 42, 1123-1126.	4.4	66
304	Superconducting gap in the presence of bilayer splitting in underdoped (Pb,Bi)2Sr2CaCu2O8+ $\delta$ . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	64
303	Density and symmetry of unoccupied electronic states of Tl2Ba2CaCu2O8. <i>Physical Review B</i> , <b>1990</b> , 41, 2609-2611	3.3	64
302	Size of Electron-Hole Pairs in $\pi$ -Conjugated Systems. <i>Physical Review Letters</i> , <b>1999</b> , 83, 1443-1446	7.4	62
301	Universal exciton size scaling in $\pi$ -conjugated systems. <i>Chemical Physics Letters</i> , <b>2000</b> , 318, 585-589	2.5	61
300	Potassium intercalated bundles of single-wall carbon nanotubes: electronic structure and optical properties. <i>Solid State Communications</i> , <b>1999</b> , 109, 721-726	1.6	61
299	Aluminum bulk-plasmon dispersion and its anisotropy. <i>Physical Review B</i> , <b>1989</b> , 40, 5799-5801	3.3	61
298	The density and pressure of helium in bubbles in metals. <i>Radiation Effects</i> , <b>1983</b> , 78, 315-325		61
297	Ultrafast momentum-dependent response of electrons in antiferromagnetic EuFe2As2 driven by optical excitation. <i>Physical Review Letters</i> , <b>2012</b> , 108, 097002	7.4	60
296	Electronic properties of FeCl3-intercalated single-wall carbon nanotubes. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	60
295	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
294	Electron-energy-loss spectroscopy of polydiacetylenes. <i>Physical Review B</i> , <b>1983</b> , 27, 4902-4908	3.3	59
293	AsF5-Doped Polyparaphenylene: Evidence for Polaron and Bipolaron Formation. <i>Physical Review Letters</i> , <b>1983</b> , 50, 1498-1500	7.4	58
292	Electronic structure of LaFeAsO1-xFx from x-ray absorption spectroscopy. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	57
291	Electron-energy-loss studies of RbxC60 and RbxC70 (x=0, 3, and 6). <i>Physical Review B</i> , <b>1993</b> , 47, 14532-14540	3.3	57
290	Long-wavelength collective excitations of charge carriers in high-Tc superconductors. <i>Physical Review B</i> , <b>1991</b> , 44, 7155-7158	3.3	55
289	Is Nd2-xCexCuO4 an electron-superconductor?. <i>European Physical Journal B</i> , <b>1989</b> , 75, 421-422	1.2	55



288	Electronic states in polypyrrole. <i>Solid State Communications</i> , <b>1983</b> , 46, 477-480	1.6	55
287	Electronic and magnetic properties of the pyrite-structure compound NiS <sub>2</sub> : influence of vacancies and copper impurities. <i>Journal of Physics C: Solid State Physics</i> , <b>1976</b> , 9, 761-782		55
286	Charge transfer and doping at organic/organic interfaces. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 3930-3932	3.4	54
285	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
284	Local-field effects and anisotropic plasmon dispersion in diamond. <i>Physical Review B</i> , <b>2000</b> , 61, 10149-10153	3.3	52
283	Electron and hole doping in NiO. <i>European Physical Journal B</i> , <b>1995</b> , 97, 83-93	1.2	52
282	Hole states in CuO <sub>2</sub> planes and Cu-O chains of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> and YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> probed by soft-x-ray absorption spectroscopy. <i>Physical Review B</i> , <b>1992</b> , 45, 2581-2584	3.3	52
281	On the electronic structure and superconducting gap of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 162-164, 1381-1382	1.3	52
280	Existence of an antiferromagnetic metallic phase (AFM) in the NiS <sub>2</sub> Sex system with pyrite structure. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1975</b> , 53, 31-33	2.3	52
279	Orbital character variation of the Fermi surface and doping dependent changes of the dimensionality in BaFe <sub>2</sub> CoxAs <sub>2</sub> from angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	51
278	Excitons in quasi-one-dimensional organic crystals. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	51
277	Cu-O network-dependent core-hole screening in low-dimensional cuprate systems: A high-resolution x-ray photoemission study. <i>Physical Review B</i> , <b>1998</b> , 57, 138-141	3.3	51
276	Superconducting rare earth transition metal borocarbides. <i>Physica C: Superconductivity and Its Applications</i> , <b>1999</b> , 317-318, 117-126	1.3	51
275	Pulsed EPR on the photoexcited triplet state of C <sub>60</sub> fullerene. <i>Chemical Physics Letters</i> , <b>1992</b> , 200, 440-444		51
274	High trapped fields in bulk YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> samples at temperatures around 50 K. <i>Applied Physics Letters</i> , <b>1997</b> , 70, 117-119	3.4	49
273	Interface properties of organic/indium oxide and organic/GeS(001) studied using photoemission spectroscopy. <i>Journal of Applied Physics</i> , <b>2000</b> , 88, 1535-1540	2.5	49
272	Electronic structure of pyrrole-based conducting polymers: An electron-energy-loss-spectroscopy study. <i>Physical Review B</i> , <b>1986</b> , 34, 1101-1115	3.3	49
271	Electron delocalization in poly(p-phenylene), poly(p-phenylenesulfide), and poly(p-phenyleneoxide). <i>Physical Review B</i> , <b>1983</b> , 28, 1802-1808	3.3	49



270	Quantitative determination of the pressure of He in bubbles in Al and Ni. <i>Solid State Communications</i> , <b>1982</b> , 44, 481-484	1.6	48
269	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
268	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
267	Rate-Limiting Processes in the Formation of Single-Wall Carbon Nanotubes: Pointing the Way to the Nanotube Formation Mechanism. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 2875-2883	3-4	47
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265	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
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127	Unadulterated spectral function of low-energy quasiparticles in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	13

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125	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
124	Thermal transformation of local to extended electronic states in polymers. <i>Physical Review B</i> , <b>1983</b> , 27, 2612-2614	3.3	13
123	An investigation of magnetic ordering in Gd <sub>x</sub> Ce <sub>1-x</sub> Ru <sub>2</sub> by 155Gd Mössbauer spectroscopy. <i>Physica Status Solidi (B): Basic Research</i> , <b>1977</b> , 84, 611-618	1.3	13
122	Evidence of hot and cold spots on the Fermi surface of LiFeAs. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	12
121	High-energy anomaly in the angle-resolved photoemission spectra of Nd <sub>(2-x)</sub> Ce <sub>(x)</sub> CuO <sub>2</sub> —evidence for a matrix element effect. <i>Physical Review Letters</i> , <b>2014</b> , 113, 137001	7.4	12
120	Plasmon dispersion in (A = K, Rb). <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, 2557-2569	1.8	12
119	Plasmon behavior of Zn from electron-energy-loss spectroscopy. <i>Physical Review B</i> , <b>1997</b> , 56, 10154-10160	3.6	12
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116	Characteristic temperature dependence of the 4f occupancy in the Kondo system CeSi <sub>2</sub> . <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	12
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113	Excitation of bubble surface plasmons in rare-gas-irradiated aluminum films. <i>Physical Review B</i> , <b>1985</b> , 31, 6917-6920	3.3	12
112	Study of the optical properties of pyridine intercalated niobium disulphide by electron energy loss spectroscopy. <i>Solid State Communications</i> , <b>1981</b> , 40, 103-106	1.6	12
111	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
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109	Unusual plasmon dispersion in the quasi-one-dimensional conductor (TaSe <sub>4</sub> ) <sub>2</sub> I: Experiment and theory. <i>Physical Review B</i> , <b>1998</b> , 57, 12768-12771	3.3	11

108	Transmission electron energy-loss spectroscopy. <i>Topics in Applied Physics</i> , <b>1992</b> , 203-241	0.5	11
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106	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
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102	Electronic structure of conjugated oligomers. <i>Synthetic Metals</i> , <b>1991</b> , 41, 1207-1213	3.6	10
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88	Plasmon damping and response function in doped compounds. <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, 4001-4016	1.8	8
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84	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
83	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
82	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
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