

Nicholas B Brookes

List of Publications by Year in descending order

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368
papers

13,844
citations

19608

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32761

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370
docs citations

370
times ranked

11383
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferromagnetism and Rashba Spin-Orbit Coupling in the Two-Dimensional (V,Pt)Se ₂ Alloy. ACS Applied Electronic Materials, 2022, 4, 259-268.	2.0	5
2	Metamagnetism and crystal-field splitting in pseudohexagonal CeRhIn_5 . Physical Review B, 2022, 105, .	1.1	7
3	Doping dependence of the electron-phonon coupling in two families of bilayer superconducting cuprates. Physical Review B, 2022, 105, .	1.1	7
4	Fractional Spin Excitations in the Infinite-Layer Cuprate CaCuO_2 . Physical Review X, 2022, 12, .	2.8	8
5	Bulk charge density wave and electron-phonon coupling in superconducting copper oxychlorides. Physical Review Research, 2022, 4, .	1.3	0
6	Crystalline and magnetic structure of BaCuO_3 investigated by x-ray absorption spectroscopy and resonant inelastic x-ray scattering. Physica C: Superconductivity, 2021, 103, .	0.6	5
7	Multiple-magnon excitations shape the spin spectrum of cuprate parent compounds. Physical Review B, 2021, 103, .	1.1	10
8	Restored strange metal phase through suppression of charge density waves in underdoped YBaCuO_7-x . Science, 2021, 373, 1506-1510.	6.0	21
9	Charge Density Waves in $\text{YBaCuO}_{6.67}$ and $\text{YBaCuO}_{6.7}$. Physical Review Letters, 2021, 126, 037002.	2.9	16
10	Large Polarons as Key Quasiparticles in SrTiO_3 and SrTiO_3 -Based Heterostructures. Physical Review Letters, 2020, 125, 126401.	2.9	15
11	Spin waves in metallic iron and nickel measured by soft x-ray resonant inelastic scattering. Physical Review B, 2020, 102, .	1.1	10
12	Mobile orbitons in $\text{CaMn}_2\text{P}_2\text{O}_{14}$: Crucial role of Hund's exchange. Physical Review B, 2020, 101, .	1.2	2
13	Strain and electric field control of the orbital and spin order in multiferroic BiMnO_3 . European Physical Journal Plus, 2020, 135, 1.	1.2	2
14	Damping of spinful excitons in LaCoO_3 by thermal fluctuations: Theory and experiment. Physical Review B, 2020, 101, .	1.2	1
15	X-ray Magnetic Circular Dichroism at the ESRF: Present Capabilities and New Possibilities. Synchrotron Radiation News, 2020, 33, 30-34.	0.2	0
16	Determining the electron-phonon coupling in superconducting cuprates by resonant inelastic x-ray scattering: Methods and results on $\text{NdCu}_2\text{P}_2\text{O}_{14}$. Physical Review Research, 2020, 2, .	1.3	20
17	High-Resolution Soft X-ray Resonant Inelastic X-ray Scattering. , 2020, , 2367-2390.		0
18	Experimental Determination of Momentum-Resolved Electron-Phonon Coupling. Physical Review Letters, 2019, 123, 027001.	2.9	39

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19	Dynamical charge density fluctuations pervading the phase diagram of a Cu-based high- T_c superconductor. <i>Science</i> , 2019, 365, 906-910.	6.0	125
20	Vanadyl phthalocyanines on graphene/SiC(0001): toward a hybrid architecture for molecular spin qubits. <i>Nanoscale Horizons</i> , 2019, 4, 1202-1210.	4.1	32
21	Polarization-resolved Cu d -edge resonant inelastic x-ray scattering of orbital and spin excitations in $\text{NdBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review B</i> , 2019, 99, .	1.1	35
22	Resonant inelastic x-ray scattering study of bond order and spin excitations in nickelate thin-film structures. <i>Physical Review B</i> , 2019, 99, .	1.1	11
23	Valence band hard x-ray photoelectron spectroscopy on transition-metal oxides containing rare-earth elements. <i>Physical Review B</i> , 2019, 99, .	1.1	10
24	Europium Cyclooctatetraene Nanowire Carpets: A Low-Dimensional, Organometallic, and Ferromagnetic Insulator. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 911-917.	2.1	18
25	Spin-orbit coupling and crystal-field distortions for a low-spin state in BaCoO_3 . <i>Physical Review B</i> , 2019, 100, .	1.1	49
26	Resonant inelastic x-ray scattering investigation of the crystal-field splitting of SmB_6 . <i>Physical Review B</i> , 2019, 100, .	1.1	10
27	Paramagnon dispersion in FeSe observed by d -edge resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2019, 99, .	1.1	14
28	High-Resolution Soft X-ray Resonant Inelastic X-ray Scattering. , 2019, , 1-24.		0
29	Resonant Inelastic X-ray Scattering at the ESRF: An Evolving Portfolio for Hard and Soft X-rays. <i>Synchrotron Radiation News</i> , 2018, 31, 26-30.	0.2	5
30	Systematics of electronic and magnetic properties in the transition metal doped quantum anomalous Hall platform. <i>Physical Review B</i> , 2018, 97, .	1.1	12
31	Magnetic bistability of a TbPc_2 submonolayer on a graphene/SiC(0001) conductive electrode. <i>Nanoscale</i> , 2018, 10, 2715-2720.	2.8	32
32	X-ray absorption spectroscopy study of annealing process on $\text{SrLaCu}_2\text{O}_7$ electron-doped cuprate thin films. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	6
33	Probing magnetic coupling between LnPc_2 ($\text{Ln} = \text{Tb, Er}$) molecules and the graphene/Ni (111) substrate with and without Au-intercalation: role of the dipolar field. <i>Nanoscale</i> , 2018, 10, 277-283.	2.8	25
34	Probing the energy gap of high-temperature cuprate superconductors by resonant inelastic x-ray scattering. <i>Npj Quantum Materials</i> , 2018, 3, .	1.8	13
35	Depth-resolved resonant inelastic x-ray scattering at a superconductor/half-metallic-ferromagnet interface through standing wave excitation. <i>Physical Review B</i> , 2018, 98, .	1.1	6
36	Towards microscopic control of the magnetic exchange coupling at the surface of a topological insulator. <i>JPhys Materials</i> , 2018, 1, 015002.	1.8	18

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37	Symmetry breaking at the (111) interfaces of SrTiO_3 hosting a two-dimensional electron system. <i>Physical Review B</i> , 2018, 98, .		
38	Dispersion, damping, and intensity of spin excitations in the monolayer Bi_2Te_3 . <i>Physical Review B</i> , 2018, 98, .		
39	Three-dimensional collective charge excitations in electron-doped copper oxide superconductors. <i>Nature</i> , 2018, 563, 374-378.	13.7	100
40	Coupling between dynamic magnetic and charge-order correlations in the cuprate superconductor $\text{Nd}_{1-x}\text{Ce}_x\text{CuO}_2$. <i>Physical Review B</i> , 2018, 98, .	1.1	33
41	Determining the local low-energy excitations in the Kondo semimetal CeRu_4Si_2 resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2018, 98, .		
42	Crystal electric field in CeRh_2Cu_2 studied with high-resolution resonant inelastic soft x-ray scattering. <i>Physical Review B</i> , 2018, 97, .		
43	The beamline ID32 at the ESRF for soft X-ray high energy resolution resonant inelastic X-ray scattering and polarisation dependent X-ray absorption spectroscopy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 903, 175-192.	0.7	81
44	Site-Selective Probe of Magnetic Excitations in Rare-Earth Nickelates Using Resonant Inelastic X-ray Scattering. <i>Physical Review X</i> , 2018, 8, .	2.8	26
45	Similar temperature scale for valence changes in Kondo lattices with different Kondo temperatures. <i>Nature Communications</i> , 2018, 9, 2011.	5.8	22
46	Re-entrant charge order in overdoped $(\text{Bi,Pb})_{2.12}\text{Sr}_{1.88}\text{CuO}_6+\delta$ outside the pseudogap regime. <i>Nature Materials</i> , 2018, 17, 697-702.	13.3	93
47	RixsToolBox: software for the analysis of soft X-ray RIXS data acquired with 2D detectors. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 531-536.	1.0	6
48	Dispersive charge density wave excitations in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8+\delta$. <i>Nature Physics</i> , 2017, 13, 952-956.	6.5	101
49	Perpendicular magnetic anisotropy in amorphous $\text{Nd}_{1-x}\text{Ce}_x$ thin films studied by x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2017, 95, .		
50	Spin and charge excitations in artificial hole- and electron-doped infinite layer cuprate superconductors. <i>Physical Review B</i> , 2017, 96, .	1.1	17
51	Three-dimensional dispersion of spin waves measured in NiO by resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2017, 96, .	1.1	21
52	High-temperature charge density wave correlations in $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ without spin-charge locking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12430-12435.	3.3	75
53	Transport properties of epitaxial MnO_{22} -structure Mn_2 thin. <i>Physical Review B</i> , 2017, 96, .	1.1	16
54	Influence of apical oxygen on the extent of in-plane exchange interaction in cuprate superconductors. <i>Nature Physics</i> , 2017, 13, 1201-1206.	6.5	90

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55	Spin-communication channels between Ln(III) bis-phthalocyanines molecular nanomagnets and a magnetic substrate. Scientific Reports, 2016, 6, 21740.	1.6	30
56	Direct observation of charge order in underdoped and optimally doped Bi_2Te_3 . Physical Review B, 2016, 94, .	1.1	51
57	Excitations in Ce Kondo lattices studied by resonant inelastic x-ray scattering. Physical Review B, 2016, 93, .		
58	Perpendicular magnetic anisotropy in granular multilayers of CoPd alloyed nanoparticles. Physical Review B, 2016, 93, .	1.1	13
59	Relay-Like Exchange Mechanism through a Spin Radical between TbPc_2 Molecules and Graphene/Ni(111) Substrates. ACS Nano, 2016, 10, 9353-9360.	7.3	26
60	Dynamic Atomic Reconstruction: How Fe_3O_4 Films Evade Polar Catastrophe for Epitaxy. Physical Review X, 2016, 6, .	2.8	27
61	Ni 3d \leftrightarrow O 2p hybridization dependent magnetic properties of LaNiO_3 thin films. Thin Solid Films, 2016, 619, 144-147.	0.8	9
62	Structural and magnetic properties of granular CoPd multilayers. Journal of Magnetism and Magnetic Materials, 2016, 400, 248-252.	1.0	8
63	The high-field magnet endstation for X-ray magnetic dichroism experiments at ESRF soft X-ray beamline ID32. Journal of Synchrotron Radiation, 2016, 23, 464-473.	1.0	31
64	Twisted phase of the orbital-dominant ferromagnet SmN in a GdN/SmN heterostructure. Physical Review B, 2015, 91, .	1.1	13
65	Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped Bi_2Te_3 . Physical Review B, 2015, 93, .	1.1	28
66	Resolving CuO chain and plane contributions to the $\text{YBa}_2\text{Cu}_3\text{O}_7$ magnetic excitation. Physical Review B, 2015, 93, .	1.1	15
67	Stability of the Zhang-Rice Singlet with Doping in Lanthanum Strontium Copper Oxide Across the Superconducting Dome and Above. Physical Review Letters, 2015, 115, 027002.	2.9	25
68	Reversible Fe Magnetic Moment Switching in Catalytic Oxygen Reduction Reaction of Fe-Phthalocyanine Adsorbed on Ag(110). Journal of Physical Chemistry C, 2015, 119, 12488-12495.	1.5	16
69	Correlation between ground state and orbital anisotropy in heavy fermion materials. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2384-2388.	3.3	65
70	Collective Nature of Spin Excitations in Superconducting Cuprates Probed by Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2015, 114, 217003.	2.9	81
71	Graphene-Induced Magnetic Anisotropy of a Two-Dimensional Iron Phthalocyanine Network. Journal of Physical Chemistry Letters, 2015, 6, 1690-1695.	2.1	25
72	Single d -transition metal atoms on multi-layer graphene systems: electronic configurations, bonding mechanisms and role of the substrate. New Journal of Physics, 2014, 16, 062001.	1.2	23

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73	The simultaneous measurement of energy and linear polarization of the scattered radiation in resonant inelastic soft x-ray scattering. <i>Review of Scientific Instruments</i> , 2014, 85, 115104.	0.6	43
74	Graded multilayers for fully polarization resolved resonant inelastic x-ray scattering in the soft x-ray range. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
75	Direct observation of a highly spin-polarized organic spinterface at room temperature. , 2014, , .		1
76	STATE OF Co AND Mn IN HALF-METALLIC FERROMAGNET Co_2MnSi EXPLORED BY MAGNETIC CIRCULAR DICHROISM IN HARD X-RAY PHOTOELECTRON EMISSION AND SOFT X-RAY ABSORPTION SPECTROSCOPIES. <i>Spin</i> , 2014, 04, 1440017.	0.6	13
77	Structural and magnetic properties of granular Co-Pt multilayers with perpendicular magnetic anisotropy. <i>Physical Review B</i> , 2014, 90, .	1.1	23
78	Orbital occupancies and the putative j state in BaCo_2IrO . <i>Physical Review B</i> , 2014, 89, .	1.1	36
79	Crystal field splitting in $\text{Sr}_{n+1}\text{Ir}_n\text{O}_{3n+1}$ ($n=1,2$) iridates probed by x-ray Raman spectroscopy. <i>Physical Review B</i> , 2014, 90, .	1.1	21
80	Ubiquitous long-range antiferromagnetic coupling across the interface between superconducting and ferromagnetic oxides. <i>Nature Communications</i> , 2014, 5, 5626.	5.8	30
81	Spin-orbit coupling evidence for exceptionally large orbital moment induced by local distortions in BaCo_2IrO . <i>Physical Review B</i> , 2014, 89, .	1.1	37
82	Direct observation of bulk charge modulations in optimally doped Bi_2O_8 . <i>Physical Review B</i> , 2014, 89, .	1.1	60
83	Stability of the Cationic Oxidation States in $\text{Pr}_{0.50}\text{Sr}_{0.50}\text{CoO}_3$ across the Magnetostructural Transition by X-ray Absorption Spectroscopy. <i>Inorganic Chemistry</i> , 2014, 53, 8854-8858.	1.9	12
84	Ferromagnetic Exchange Coupling between Fe Phthalocyanine and Ni(111) Surface Mediated by the Extended States of Graphene. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17670-17676.	1.5	36
85	Persistence of magnetic excitations in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ from the undoped insulator to the heavily overdoped non-superconducting metal. <i>Nature Materials</i> , 2013, 12, 1019-1023.	13.3	218
86	Observation of out-of-plane unidirectional anisotropy in MgO-capped planar nanowire arrays of Fe. <i>Journal of Applied Physics</i> , 2013, 114, 133903.	1.1	4
87	Direct observation of a highly spin-polarized organic spinterface at room temperature. <i>Scientific Reports</i> , 2013, 3, 1272.	1.6	118
88	Exploring the XPS limit in soft and hard x-ray angle-resolved photoemission using a temperature-dependent one-step theory. <i>Physical Review B</i> , 2013, 88, .	1.1	68
89	Electron Doping by Charge Transfer at $\text{LaFeO}_3/\text{Sm}_2\text{CuO}_4$ Epitaxial Interfaces. <i>Advanced Materials</i> , 2013, 25, 1468-1473.	11.1	8
90	Structural and Electronic Reconstructions at the $\text{LaAlO}_3/\text{SrTiO}_3$ Interface. <i>Advanced Materials</i> , 2013, 25, 2333-2338.	11.1	72

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91	Spin and orbital configuration of metal phthalocyanine chains assembled on the Au(110) surface. Physical Review B, 2013, 87, .	1.1	67
92	Thin conductive diamond films as beam intensity monitors for soft x-ray beamlines. Review of Scientific Instruments, 2013, 84, 035105.	0.6	7
93	Orbital anisotropy in paramagnetic manganese oxide nanostripes. Physical Review B, 2013, 87, .	1.1	4
94	Magnetic excitations in stripe-ordered $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ studied using resonant inelastic x-ray scattering. Physical Review B, 2013, 88, .	1.1	32
95	Origin of interface Magnetism in BiMnO_3 / LaAlO_3 . Physical Review Letters, 2013, 111, 087204.	2.9	166
96	UHV Superconducting Magnet System for Soft X-ray MCD Experiments. Journal of Physics: Conference Series, 2013, 425, 102002.	0.3	1
97	BaVS_3 probed by V L edge x-ray absorption spectroscopy. Journal of Physics Condensed Matter, 2012, 24, 045503.	0.7	7
98	Hole depletion of ladders in SrCu_2O_7 . Physical Review Letters, 2012, 109, 117201.	1.1	7
99	Irradiation induced modification in transport properties of LaNiO_3 thin films: An x-ray absorption study. Applied Physics Letters, 2012, 101, 112103.	1.5	16
100	Electronic band redistribution probed by oxygen absorption spectra of $(\text{SrMnO})_x(\text{TiO})_{1-x}$. Physical Review B, 2012, 85, 040407.		

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109	Charge localization at the interface between $\text{La}^{1-x}\text{Sr}_x\text{MnO}_3$ and the ∞ layers cuprate CaCuO_2 . Journal of Applied Physics, 2012, 112, .	1.1	10
110	Long-Range Incommensurate Charge Fluctuations in $(\text{Y,Nd})\text{Ba}_{2-x}\text{Cu}_3\text{O}_{6+x}$. Science, 2012, 337, 821-825.	6.0	938
111	In-Plane Magnetic Anisotropy of Fe Atoms on Bi_2Se_3 . Physical Review Letters, 2011, 106, 147205.	5.9	88
112	Electronic and Magnetic Reconstructions in $\text{La}_{0.7}\text{Sr}_{0.3}\text{FeO}_3$. A Case of Enhanced Interlayer Coupling Controlled by the Interface. Physical Review Letters, 2011, 106, 147205.	5.9	88
113	Magnetism of cobalt nanoclusters on graphene on iridium. Applied Physics Letters, 2011, 99, .	1.5	34
114	Orbital anisotropy in SnO_2 thin films and its modification by swift heavy ion irradiation. Chemical Physics Letters, 2011, 511, 322-325.	1.2	12
115	Orbital occupation and magnetism of tetrahedrally coordinated iron in CaBaFeO_4 . Physical Review Letters, 2011, 106, 147205.	1.1	26
116	Magnetic properties of planar arrays of Fe -nanowires grown on oxidized vicinal silicon (111) templates. Journal of Applied Physics, 2011, 109, 07B106.	1.1	9
117	Evolution of magnetic nanophases of Ni embedded in Al_2O_3 (001) matrix by X-ray magnetic circular dichroism. Chemical Physics Letters, 2011, 501, 404-408.	1.2	6
118	Nanoscale modulation of the density of states at the conducting interface between LaAlO_3 and SrTiO_3 band insulators. Europhysics Letters, 2011, 93, 17004.	0.7	22
119	Energy and symmetry of dd excitations in undoped layered cuprates measured by Cu -resonant inelastic x-ray scattering. New Journal of Physics, 2011, 13, 043026.	1.2	130
120	Orbital order in LaSrMnO_4 . Physical Review Letters, 2011, 106, 147205.	1.1	28
121	Structural and magnetic properties of amorphous Co-W alloyed nanoparticles. Physical Review B, 2011, 84, .	1.1	7
122	Magnetic Field Induced Orbital Polarization in Cubic YbInNi_4 . Determining the Quartet Ground State Using X-Ray Linear Dichroism. Physical Review Letters, 2011, 107, 236402.	2.9	11
123	Modifications in structural and electronic properties of TiO_2 thin films using swift heavy ion irradiation. Journal of Applied Physics, 2011, 110, .	1.1	44
124	Magnetic properties and orbital anisotropy driven by Mn in nonstoichiometric $\text{La}_{2-x}\text{Mn}_x\text{O}_7$. Physical Review Letters, 2011, 106, 147205.	1.1	18
125	Irradiation induced ferromagnetism at room temperature in TiO_2 thin films: X-ray magnetic circular dichroism characterizations. Applied Physics Letters, 2011, 98, .	1.5	33
126	X-ray absorption and magnetic circular dichroism characterization of $\text{Mo}_{1-x}\text{Fe}_x\text{O}_2$ ($x = 0-0.05$) thin films grown by pulsed laser ablation. Hyperfine Interactions, 2010, 197, 95-100.	0.2	6

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127	Room temperature ferromagnetism in Fe-doped CeO ₂ thin films grown on LaAlO ₃ (001). Thin Solid Films, 2010, 519, 410-413.	0.8	36
128	Weak magnetism in insulating and superconducting cuprates. Physical Review B, 2010, 82, .	1.1	22
129	Spin- and orbital-moment compensation in the zero-moment ferromagnet Sm^{2+} . Physical Review B, 2010, 82, .	1.1	15
130	Swift heavy ion irradiation induced magnetism in magnetically frustrated BiMn_2 films. Physical Review B, 2010, 82, .	1.1	29
131	Enhancement of ferromagnetism in Pd nanoparticle by swift heavy ion irradiation. Applied Physics Letters, 2010, 96, 053103.	1.5	28
132	Modifications in magnetic properties of BiMn ₂ O ₅ multiferroic using swift heavy ion irradiation. Journal of Applied Physics, 2010, 107, 09D903.	1.1	15
133	Exchange bias in GeMn nanocolumns: The role of surface oxidation. Applied Physics Letters, 2010, 97, 062501.	1.5	13
134	Microscopic origin of perpendicular magnetic anisotropy in amorphous Nd-Co homogeneous and compositionally modulated, thin films studied by XMCD. Journal of Physics: Conference Series, 2010, 200, 072017.	0.3	4
135	Magnetic Excitations and Phase Separation in the Underdoped $\text{La}_{2-x}\text{Mn}_2\text{O}_7$ Measured by Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2010, 104, 077002.	2.9	226
136	Identifying the character of ferromagnetic Mn in epitaxial Fe/(Ga,Mn)As heterostructures. Physical Review B, 2010, 81, .	1.1	22
137	Structural, electronic, and magnetic properties of Co doped SnO ₂ nanoparticles. Journal of Applied Physics, 2010, 107, .	1.1	66
138	Orbital reconstruction at the LAO/STO interface investigated by x-ray spectroscopy. Proceedings of SPIE, 2010, , .	0.8	0
139	Spin and orbital Ti magnetism at LaMnO ₃ /SrTiO ₃ interfaces. Nature Communications, 2010, 1, 82.	5.8	156
140	Multiple double-exchange mechanism by Mn^{2+} in manganite compounds. Physical Review B, 2010, 82, .	1.1	43
141	Electronic structure of Cu-doped ZnO thin films by x-ray absorption, magnetic circular dichroism, and resonant inelastic x-ray scattering. Journal of Applied Physics, 2010, 107, .	1.1	58
142	X-ray absorption and magnetic circular dichroism characterization of $\text{Mo}_{1-x}\text{Fe}_x\text{O}_2$ ($x = 0 \leq x \leq 0.05$) thin films grown by pulsed laser ablation. , 2010, , 95-100.		0
143	Valence-band electronic structure of V_2O_5 Identification of V and O bands. Physical Review B, 2009, 80, .	1.1	25
144	Ising Magnetism and Ferroelectricity in Ca ₃ CoMnO ₆ . Physical Review Letters, 2009, 102, 026404.	2.9	117

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145	Evolution of magnetic phases and orbital occupation in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$		

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163	Resolving antiferromagnetic states in magnetically coupled amorphous Co-Si multilayers by soft x-ray resonant magnetic scattering. Physical Review B, 2008, 78, .	1.1	12
164	Direct Quantification of Gold along a Single Si Nanowire. Nano Letters, 2008, 8, 3709-3714.	4.5	46
165	Anisotropy Enhancement in Co Granular Multilayers by Capping. Materials Science Forum, 2008, 570, 1-9.	0.3	2
166	Magnetism of (Zn,Co)O thin films probed by x-ray absorption spectroscopies. Applied Physics Letters, 2008, 92, 012509.	1.5	60
167	X-ray absorption and x-ray magnetic dichroism study on Ca_3Mg_8 . Physical Review B, 2008, 77, .	1.1	86
168	Reply to ϵ -Resonant inelastic x-ray scattering of MnO: L _{2,3} edge measurements and assessment of their interpretation. Physical Review B, 2008, 78, .	1.1	3
169	Orbital excitations in YTiO ₃ and LaTiO ₃ probed by resonant inelastic soft x-ray scattering. Physical Review B, 2008, 77, .	1.1	32
170	Using High Energy Angle Resolved Photoelectron Spectroscopy to Reveal the Charge Density in Solids. Physical Review Letters, 2008, 101, 226404.	2.9	13
171	Analysis of surface-bulk screening competition in the electron-doped Nd ₂ using x-ray photo. Physical Review B, 2008, 77, .	1.1	14
172	Soft x-ray angle-resolved photoemission spectroscopy on Ag(001): Band mapping, photon momentum effects, and circular dichroism. Physical Review B, 2008, 77, .	1.1	35
173	A time-of-flight Mott apparatus for soft x-ray spin resolved photoemission on solid samples. Review of Scientific Instruments, 2008, 79, 033905.	0.6	13
174	Combining M - and L -edge resonant inelastic x-ray scattering for studies of transition	1.1	30
175	Cooperative enhancement of in-plane orbital ordering by oxygen deficiency and in-plane tensile strain in La _{0.7} Sr _{0.3} MnO ₃ thin films. Europhysics Letters, 2007, 80, 37003.	0.7	22
176	Superconducting-insulator transition driven by out-of-plane carrier localization in Nd _{1.2} Ba _{1.8} Cu ₃ O _{7+x} ultrathin films. Physical Review B, 2007, 75, .	1.1	10
177	Sensitivity to hole doping of La_3Sr_2 resonant spectroscopies: Inelastic x-ray scattering and photoemission of La_3Sr_2 . Physical Review B, 2007, 76, .	1.1	13
178	Resonant inelastic x-ray scattering from magnetic systems with angular resolution and polarization analysis of the scattered beam: Results on metallic Co, Fe, and Co ferrite at the L _{3,2} edges. Physical Review B, 2007, 75, .	1.1	11
179	Excitations in insulating VO_2 as seen with resonant inelastic x-ray scattering at the L ₃ edge. Physical Review B, 2007, 76, .	1.1	14
180	Spectroscopy of strongly correlated systems: Resonant x-ray scattering without energy resolution in the scattered beam. Physical Review B, 2007, 75, .	1.1	5

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181	Superconducting to insulating transition in Nd _{1.2} Ba _{1.8} Cu ₃ O _{7+x} thin films studied by polarized X-ray absorption spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 971-972.	0.6	0
182	Energy-filtered XPEEM with NanoESCA using synchrotron and laboratory X-ray sources: Principles and first demonstrated results. <i>Surface Science</i> , 2007, 601, 4727-4732.	0.8	41
183	A determination of the pairing interaction in the high T _c cuprate superconductor Tl ₂ Ba ₂ CaCu ₂ O ₈ (Tl2212). <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 40-43.	0.6	13
184	Magnetic polarization of copper in Cu-capped Co clusters. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e23-e26.	1.0	7
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186	Soft X-ray resonant magnetic scattering study of magnetization reversal in low dimensional magnetic heterostructures. <i>Applied Surface Science</i> , 2007, 254, 335-338.	3.1	3
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