Nicholas B Brookes

List of Publications by Year
in descending order

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		19657	32842
368	13,844	61	100
papers	citations	h-index	g-index

370	370	370	11383
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long-Range Incommensurate Charge Fluctuations in (Y,Nd)Ba ₂ Cu ₃ O ₆₊ _x . Science, 2012, 337, 821-825.	12.6	938
2	Spin State Transition inLaCoO3Studied Using Soft X-ray Absorption Spectroscopy and Magnetic Circular Dichroism. Physical Review Letters, 2006, 97, 176405.	7.8	471
3	Orbital Reconstruction and the Two-Dimensional Electron Gas at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml:mi> Physical Review Letters, 2009, 102, 166804.	7.8	274
4	Transfer of Spectral Weight and Symmetry across the Metal-Insulator Transition inVO2. Physical Review Letters, 2006, 97, 116402.	7.8	271
5	Evidence of Orbital Reconstruction at Interfaces in Ultrathin<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>0.67</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml: Physical Review Letters, 2008, 100, 137401.	7.8	263
6	Quantum-well and tight-binding analyses of spin-polarized photoemission from Ag/Fe(001) overlayers. Physical Review B, 1994, 49, 332-338.	3.2	230
7	Magnetic Excitations and Phase Separation in the Underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> Measured by Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2010, 104, 077002.	7.8	226
8	Persistence of magnetic excitations in La2â^'xSrxCuO4 from the undoped insulator to the heavily overdoped non-superconducting metal. Nature Materials, 2013, 12, 1019-1023.	27.5	218
9	Exchange Splitting and Charge Carrier Spin Polarization in EuO. Physical Review Letters, 2002, 88, 047201.	7.8	206
10	Spin-Orbit Coupling in the Mott InsulatorCa2RuO4. Physical Review Letters, 2001, 87, 077202.	7.8	171
11	Origin of Interface Magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BiMnO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml:mi> Physical Review Letters, 2013, 111, 087204.	7.8	166
12	Layer-Resolved Magnetic Moments inNi/PtMultilayers. Physical Review Letters, 2000, 85, 413-416.	7.8	164
13	Dispersion of Magnetic Excitations in the Cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>CuO</mml:mi><mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CaCuO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>Compounds Measured Using Resonant X-Ray Scattering. Physical Review Letters, 2009, 102, 167401.	7.8	158
14	Spin and orbital Ti magnetism at LaMnO3/SrTiO3 interfaces. Nature Communications, 2010, 1, 82.	12.8	156
15	In-Plane Magnetic Anisotropy of Fe Atoms on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml: stretchy="false">(</mml:mo><mml:mn>111</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 167 Td (stretchy="fals	7.8	144
16	Energy and symmetry of dd excitations in undoped layered cuprates measured by CuL₃resonant inelastic x-ray scattering. New Journal of Physics, 2011, 13, 043026.	2.9	130
17	Doubling of the orbital magnetic moment in nanoscale Fe clusters. Physical Review B, 1999, 60, 472-476.	3.2	128
18	Dynamical charge density fluctuations pervading the phase diagram of a Cu-based high- T _c superconductor. Science, 2019, 365, 906-910.	12.6	125

#	Article	IF	Citations
19	Covalency in the uranyl ion: A polarized x-ray spectroscopic study. Journal of Chemical Physics, 2002, 117, 8008-8020.	3.0	121
20	Direct observation of a highly spin-polarized organic spinterface at room temperature. Scientific Reports, 2013, 3, 1272.	3.3	118
21	Ising Magnetism and Ferroelectricity inCa3CoMnO6. Physical Review Letters, 2009, 102, 026404.	7.8	117
22	Strain induced x-ray absorption linear dichroism inLa0.7Sr0.3MnO3thin films. Physical Review B, 2006, 73, .	3.2	116
23	Magnetic interface states and finite-size effects. Physical Review Letters, 1991, 67, 354-357.	7.8	114
24	Low Energy Electronic Excitations in the Layered Cuprates Studied by CopperL3Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2004, 92, 117406.	7.8	111
25	Valence, spin, and orbital state of Co ions in one-dimensionalCa3Co2O6: An x-ray absorption and magnetic circular dichroism study. Physical Review B, 2006, 74, .	3.2	103
26	Dispersive charge density wave excitations in Bi2Sr2CaCu2O8+Î´. Nature Physics, 2017, 13, 952-956.	16.7	101
27	Magnetocrystalline anisotropy in (111)CoPt3thin films probed by x-ray magnetic circular dichroism. Physical Review B, 1998, 58, 6298-6304.	3.2	100
28	Three-dimensional collective charge excitations in electron-doped copper oxide superconductors. Nature, 2018, 563, 374-378.	27.8	100
29	Instrumentation development for ESRF beamlines. Physica B: Condensed Matter, 1995, 208-209, 199-202.	2.7	96
30	Re-entrant charge order in overdoped (Bi,Pb)2.12Sr1.88CuO6+Î´ outside the pseudogap regime. Nature Materials, 2018, 17, 697-702.	27.5	93
31	Unraveling Orbital Ordering inLa0.5Sr1.5MnO4. Physical Review Letters, 2004, 92, 056403.	7.8	90
32	Influence of apical oxygen on the extent of in-plane exchange interaction in cuprate superconductors. Nature Physics, 2017, 13, 1201-1206.	16.7	90
33	Characterization of Nanocrystalline ?-Fe2O3 with Synchrotron Radiation Techniques. Physica Status Solidi (B): Basic Research, 1999, 215, 797-801.	1.5	89
34	Photoemission and x-ray-absorption study of misfit-layered (Bi,Pb)-Sr-Co-O compounds: Electronic structure of a hole-doped Co-O triangular lattice. Physical Review B, 2001, 64, .	3.2	86
35	X-ray absorption and x-ray magnetic dichroism study on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ca</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub>	3.2	86
36	Electron-correlation-induced magnetic order of ultrathin Mn films. Physical Review B, 1997, 56, 8156-8162.	3.2	83

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37	Electronic and Magnetic Reconstructions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>0.7</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:mn> A Case of Enhanced Interlayer Coupling Controlled by the Interface. Physical Review Letters, 2011, 106, 147205.	7.8	84
38	Spin-Resolved Photoemission onAnti-Ferromagnets: Direct Observation of Zhang-Rice Singlets in CuO. Physical Review Letters, 1997, 78, 1126-1129.	7.8	82
39	Collective Nature of Spin Excitations in Superconducting Cuprates Probed by Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2015, 114, 217003.	7.8	81
40	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. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 903, 175-192.	1.6	81
41	Strain-induced phase separation inLa0.7Sr0.3MnO3thin films. Physical Review B, 2006, 74, .	3.2	80
42	Orbital occupation, atomic moments, and magnetic ordering at interfaces of manganite thin films. Physical Review B, 2009, 80, .	3.2	79
43	Interaction ofH2O with a high-temperature superconductor. Physical Review B, 1988, 37, 3747-3750.	3.2	78
44	Experimental evidence of the ferrimagnetic ground state of Sr 2 FeMoO 6 probed by X-ray magnetic circular dichroism. Europhysics Letters, 2002, 60, 608-614.	2.0	77
45	Element-Selective Nanosecond Magnetization Dynamics in Magnetic Heterostructures. Physical Review Letters, 2001, 86, 3646-3649.	7.8	76
46	Magnetic structure of oxidized Fe(001). Physical Review Letters, 1990, 65, 1647-1650.	7.8	75
47	High-temperature charge density wave correlations in La _{1.875} Ba _{0.125} CuO ₄ without spinâ€“charge locking. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12430-12435.	7.1	75
48	Tuning the magnetic anisotropy of Co nanoparticles by metal capping. Europhysics Letters, 2006, 76, 142-148.	2.0	74
49	Structural and Electronic Reconstructions at the LaAlO₃/SrTiO₃ Interface. Advanced Materials, 2013, 25, 2333-2338.	21.0	72
50	Magnetism of small Fe clusters on Au(111) studied by x-ray magnetic circular dichroism. Physical Review B, 2001, 64, .	3.2	71
51	Perpendicular Interlayer Coupling inNi80Fe20/NiO/CoTrilayers. Physical Review Letters, 2003, 91, 027201.	7.8	70
52	Exchange-Split Adsorbate Bands: The Role of Substrate Hybridization. Physical Review Letters, 1988, 61, 2257-2260.	7.8	69
53	Exploring the XPS limit in soft and hard x-ray angle-resolved photoemission using a temperature-dependent one-step theory. Physical Review B, 2013, 88, .	3.2	68
54	Spin and orbital configuration of metal phthalocyanine chains assembled on the Au(110) surface. Physical Review B, 2013, 87, .	3.2	67

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55	Structural, electronic, and magnetic properties of Co doped SnO2 nanoparticles. Journal of Applied Physics, 2010, 107, .	2.5	66
56	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.	7.1	65
57	Determination of the Orbital Moment and Crystal-Field Splitting inLaTiO3. Physical Review Letters, 2005, 94, 056401.	7.8	64
58	Resonant inelastic x-ray scattering ofMnO:L2,3edge measurements and assessment of their interpretation. Physical Review B, 2006, 73, .	3.2	64
59	Spin-polarized photoemission studies of the adsorption of O and S on Fe(001). Physical Review B, 1990, 41, 9659-9667.	3.2	63
60	Antiferromagnetic coupling of Mn adsorbates to Fe(100). Physical Review B, 1997, 56, 5461-5467.	3.2	63
61	NiO as a test case for high resolution resonant inelastic soft x-ray scattering. Journal of Physics Condensed Matter, 2005, 17, 5397-5412.	1.8	63
62	Evolution of magnetic phases and orbital occupation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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73	Direct observation of charge order in underdoped and optimally doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m Physical Review B, 2016, 94, .	3.2	51
74	Size dependence of the magnetic moments of exposed nanoscale iron particles. Journal of Magnetism and Magnetic Materials, 2001, 231, 113-119.	2.3	50
75	Induced V and reduced Fe moments at the interface of Fe/V(001) superlattices. Physical Review B, 2001, 64, .	3.2	50
76	Bimagnon studies in cuprates with resonant inelastic x-ray scattering at the O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>edge. I. Assessment on La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	50
77	Spin Polarized Auger Electrons: The XeM4,5N4,5N4,5Case. Physical Review Letters, 1996, 76, 3923-3926.	7.8	49
78	Local Electronic and Magnetic Structure of Ni below and aboveTC: A Spin-Resolved Circularly Polarized Resonant Photoemission Study. Physical Review Letters, 1997, 79, 3510-3513.	7.8	49
79	Magnetic anisotropy energy and the anisotropy of the orbital moment of Ni in Ni/Pt multilayers. Physical Review B, 2000, 61, 8647-8650.	3.2	49
80	Spin-orbit coupling and crystal-field distortions for a low-spin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:msup><mml:mi>d</mml:mi><mml:m state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">BaCoO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2019, 100, .	3.2	49
81	Electronic and magnetic structure of thin Ni films on Co/Cu(001). Physical Review B, 1999, 60, 12852-12860.	3.2	48
82	Magnetism of nanostructures studied by x-ray magnetic circular dichroism:â€ƒFe on Cu(111). Physical Review B, 2000, 62, 5803-5809.	3.2	48
83	Incoherent magnetization rotation observed in subnanosecond time-resolving x-ray photoemission electron microscopy. Applied Physics Letters, 2004, 85, 2562-2564.	3.3	48
84	Spin-state order/disorder and metalâ€“insulator transition in GdBaCo₂O_{5.5}: experimental determination of the underlying electronic structure. New Journal of Physics, 2012, 14, 123025.	2.9	48
85	Magnetic surface states on Fe(001). Physical Review B, 1990, 41, 2643-2645.	3.2	46
86	Magnetism of theFe/ZnSe(001)Interface. Physical Review Letters, 2002, 88, 217202.	7.8	46
87	Direct Quantification of Gold along a Single Si Nanowire. Nano Letters, 2008, 8, 3709-3714.	9.1	46
88	Direct observation of oxygen induced room temperature ferromagnetism in MoO2 thin films by x-ray magnetic circular dichroism characterizations. Applied Physics Letters, 2009, 94, .	3.3	46
89	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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91	Modifications in structural and electronic properties of TiO2 thin films using swift heavy ion irradiation. Journal of Applied Physics, 2011, 110, .	2.5	44
92	Relativistic effects on the surface electronic structure of Cu(001): Observation of a spin-orbit-gap surface state. Physical Review B, 1986, 33, 4373-4375.	3.2	43
93	High-efficiency spin-resolved and spin-integrated electron detection: Parallel mounting on a hemispherical analyzer. Review of Scientific Instruments, 1999, 70, 4225-4230.	1.3	43
94	Î±â˜Î³transition in metallicCestudied by resonant x-ray spectroscopies. Physical Review B, 2004, 70, .	3.2	43
95	Local magnetism in rare-earth metals encapsulated in fullerenes. Physical Review B, 2004, 69, .	3.2	43
96	Multiple double-exchange mechanism by<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:m in manganite compounds. Physical Review B, 2010, 82, .	3.2	43
97	The simultaneous measurement of energy and linear polarization of the scattered radiation in resonant inelastic soft x-ray scattering. Review of Scientific Instruments, 2014, 85, 115104.	1.3	43
98	Dispersion, damping, and intensity of spin excitations in the monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo> <mml:mtext>Bi,Pb Physical Review B, 2018, 98, .	3.2	43
99	Magnetic Circular Dichroism in Resonant Raman Scattering in the Perpendicular Geometry at theLedge of3dTransition Metal Systems. Physical Review Letters, 1999, 82, 1566-1569.	7.8	42
100	Systematics of electronic and magnetic properties in the transition metal doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:m quantum anomalous Hall platform. Physical Review B, 2018, 97, .	3.2	42
101	2p3s3p,2p3p3p,and2p3s3sresonant Auger spectroscopy from NiO. Physical Review B, 1999, 59, 9933-9942.	3.2	41
102	Angle Resolved Photoemission fromNd1.85Ce0.15CuO4using High Energy Photons: A Fermi Surface Investigation. Physical Review Letters, 2004, 93, 136402.	7.8	41
103	Energy-filtered XPEEM with NanoESCA using synchrotron and laboratory X-ray sources: Principles and first demonstrated results. Surface Science, 2007, 601, 4727-4732.	1.9	41
104	Field dependent exchange coupling in NiO/Co bilayers. Physical Review B, 2003, 67, .	3.2	40
105	Experimental Determination of Momentum-Resolved Electron-Phonon Coupling. Physical Review Letters, 2019, 123, 027001.	7.8	39
106	Detection of Zhang-Rice Singlets Using Spin-Polarized Photoemission. Physical Review Letters, 2001, 87, 237003.	7.8	38
107	Electronic and magnetic structure of bcc nickel. Physical Review B, 1992, 46, 237-241.	3.2	37
108	Characterization of the helical undulator HELIOS I in the 520 to 930 eV range using a multilayer polarimeter. Review of Scientific Instruments, 1997, 68, 1939-1944.	1.3	37

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109	Radiationless Raman versus Auger behavior at the CuL3resonance of CuO andCu2O. Physical Review B, 2000, 61, 4629-4635.	3.2	37
110	3dspin-orbit photoemission spectrum of nonferromagnetic materials: The test cases of CoO and Cu. Physical Review B, 2002, 66, .	3.2	37
111	Indirect Electric Field Doping of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CuO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>Planes of the Cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>NdBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><m	7.8	37
112	Spectroscopic evidence for exceptionally high orbital moment induced by local distortions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>CoV</mml:mtext><mml:mn>2</mml:mn></mml:msub xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>O</mml:mtext><mml:mn>6</mml:mn></mml:msub> Physical Review B, 2014, 89, .	3.2	37
113	A simple spherical grating by-pass monochromator dedicated to soft x-ray emission spectroscopy. Review of Scientific Instruments, 1998, 69, 1610-1615.	1.3	36
114	Room temperature ferromagnetism in Fe-doped CeO2 thin films grown on LaAlO3 (001). Thin Solid Films, 2010, 519, 410-413.	1.8	36
115	Orbital occupancies and the putative<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>j</mml:mi><mml:mi>eff</mml:mi></mml: state in Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>IrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></m. Physical Review B, 2014, 89, .	3.2	36
116	Ferromagnetic Exchange Coupling between Fe Phthalocyanine and Ni(111) Surface Mediated by the Extended States of Graphene. Journal of Physical Chemistry C, 2014, 118, 17670-17676.	3.1	36
117	Soft x-ray angle-resolved photoemission spectroscopy on Ag(001): Band mapping, photon momentum effects, and circular dichroism. Physical Review B, 2008, 77, .	3.2	35
118	Polarization-resolved Cu <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>L</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:m -edge resonant inelastic x-ray scattering of orbital and spin excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NdBa</mml:mi><mml:mn>2</mml:mn></mml:mr mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â^'</mml:mo><m. Physical Review B, 2019, 99, .	3.2	35
119	Magnetism of cobalt nanoclusters on graphene on iridium. Applied Physics Letters, 2011, 99, .	3.3	34
120	X-ray magnetic circular dichroic magnetometry on Ni/Pt multilayers. Journal of Applied Physics, 2001, 89, 3874-3879.	2.5	33
121	Irradiation induced ferromagnetism at room temperature in TiO2 thin films: X-ray magnetic circular dichroism characterizations. Applied Physics Letters, 2011, 98, .	3.3	33
122	Coupling between dynamic magnetic and charge-order correlations in the cuprate superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow Physical Review B, 2018, 98, .	3.2	33
123	Magnetism of exposed and Co-capped Fe nanoparticles. Journal of Magnetism and Magnetic Materials, 2000, 220, 25-30.	2.3	32
124	Orbital excitations inYTiO3andLaTiO3probed by resonant inelastic soft x-ray scattering. Physical Review B, 2008, 77, .	3.2	32
125	NEXAFS and XMCD studies of single-phase Co doped ZnO thin films. Journal of Physics Condensed Matter, 2009, 21, 185005.	1.8	32
126	Magnetic excitations in stripe-ordered La1.875Ba0.125CuO4studied using resonant inelastic x-ray scattering. Physical Review B, 2013, 88, .	3.2	32

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127	Magnetic bistability of a TbPc2 submonolayer on a graphene/SiC(0001) conductive electrode. Nanoscale, 2018, 10, 2715-2720.	5.6	32
128	Vanadyl phthalocyanines on graphene/SiC(0001): toward a hybrid architecture for molecular spin qubits. Nanoscale Horizons, 2019, 4, 1202-1210.	8.0	32
129	Clarification of contesting results for the total magnetic moment of Ni/Cu(001). Physical Review B, 2001, 65, .	3.2	31
130	Sum Rules in X-Ray Resonant Raman Scattering: Recovering the Co Ground State Information inCoFe2O4as a Test Case. Physical Review Letters, 2003, 90, 117401.	7.8	31
131	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.	2.4	31
132	Combining<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>M</mml:mi></mml:math>- and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>L</mml:mi></mml:math>-edge resonant inelastic x-ray scattering for studies of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:math>transition	3.2	30
133	Ubiquitous long-range antiferromagnetic coupling across the interface between superconducting and ferromagnetic oxides. Nature Communications, 2014, 5, 5626.	12.8	30
134	Spin-communication channels between Ln(III) bis-phthalocyanines molecular nanomagnets and a magnetic substrate. Scientific Reports, 2016, 6, 21740.	3.3	30
135	On the dominance of an indirect mechanism for photon stimulated ion desorption from SrTiO3(100)î—¸H2O. Surface Science, 1986, 178, 897-906.	1.9	29
136	Interaction of carbon monoxide with Fe(001). Physical Review Letters, 1989, 63, 2764-2767.	7.8	29
137	Crossing the Gap fromp- ton-Type Doping: Nature of the States near the Chemical Potential inLa2â^'xSrxCuO4andNd2â^'xCexCuO4â^'Î´. Physical Review Letters, 2003, 90, 247005.	7.8	29
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