Eugen Weschke

List of Publications by Year
in descending order

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151 papers	6,628 citations	101543 36 h-index	64796 79 g-index
152 all docs	152 docs citations	152 times ranked	5890 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	Charge Order Driven by Fermi-Arc Instability in Bi ₂ Sr _{2â^' x} La _x CuO _{6+Î´}. Science, 2014, 343, 390-392.	12.6	512
3	Ubiquitous Interplay Between Charge Ordering and High-Temperature Superconductivity in Cuprates. Science, 2014, 343, 393-396.	12.6	506
4	Resonant x-ray scattering study of charge-density wave correlations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">YBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>6</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></m Physical Review B, 2014, 90, .	3.2	262
5	Charge order and its connection with Fermi-liquid charge transport in a pristine high-Tc cuprate. Nature Communications, 2014, 5, 5875.	12.8	259
6	Momentum-Dependent Charge Correlations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><mml:m mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>6</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></m Probed by Resonant X-Ray Scattering: Evidence for Three Competing Phases. Physical Review Letters, 2013, 110, 187001.	7.8	168
7	Surface-electronic structure of Î±-like Ce compounds. Physical Review Letters, 1990, 65, 1639-1642.	7.8	164
8	Surface and bulk electronic structure of Ce metal studied by high-resolution resonant photoemission. Physical Review B, 1991, 44, 8304-8307.	3.2	163
9	Resonant elastic soft x-ray scattering. Reports on Progress in Physics, 2013, 76, 056502.	20.1	141
10	Hybridization-controlled charge transfer and induced magnetism at correlated oxide interfaces. Nature Physics, 2016, 12, 484-492.	16.7	122
11	Highly Efficient Thermal and Light-Induced Spin-State Switching of an Fe(II) Complex in Direct Contact with a Solid Surface. ACS Nano, 2015, 9, 8960-8966.	14.6	117
12	Orbital Control of Noncollinear Magnetic Order in Nickel Oxide Heterostructures. Physical Review Letters, 2013, 111, 106804.	7.8	110
13	Temperature-dependent photoemission spectral weight inLa0.6Sr0.4MnO3. Physical Review B, 1996, 53, 6873-6876.	3.2	107
14	Charge ordering in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>1.8</mml:n Physical Review B, 2009, 79, .	3.2	103
15	Bandlike character of 4felectrons inCeRh3. Physical Review Letters, 1992, 69, 1792-1795.	7.8	102
16	Nonmagnetic band gap at the Dirac point of the magnetic topological insulator (Bi1â^'xMnx)2Se3. Nature Communications, 2016, 7, 10559.	12.8	102
17	Phase diagram of charge order in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>.</mml:mo><mml:mn>8</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi><mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow	3.2	101
18	Tunable Charge and Spin Order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>PrNiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>Thin Films and Superlattices. Physical Review Letters, 2014, 113, 227206.	7.8	91

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19	Finite-Size Effect on Magnetic Ordering Temperatures in Long-Period Antiferromagnets: Holmium Thin Films. Physical Review Letters, 2004, 93, 157204.	7.8	83
20	Direct Observation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>t</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mi>g</mml:mi></mml:mrow></mml:msu Ordering in Magnetite. Physical Review Letters, 2008, 100, 026406.	7.8	77
21	Evolution of cooperativity in the spin transition of an iron(II) complex on a graphite surface. Nature Communications, 2018, 9, 2984.	12.8	73
22	Mnâ€Rich MnSb₂Te₄: A Topological Insulator with Magnetic Gap Closing at High Curie Temperatures of 45â€“50 K. Advanced Materials, 2021, 33, e2102935.	21.0	70
23	Temperature Dependence of the Exchange Splitting of the Surface State on Gd(0001): Evidence against Spin-Mixing Behavior. Physical Review Letters, 1996, 77, 3415-3418.	7.8	67
24	Doping-dependent charge order correlations in electron-doped cuprates. Science Advances, 2016, 2, e1600782.	10.3	65
25	Synchrotron x-ray scattering study of charge-density-wave order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>HgBa</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2017, 96, .	3.2	62
26	Spectroscopy of Stripe Order inLa1.8Sr0.2NiO4Using Resonant Soft X-Ray Diffraction. Physical Review Letters, 2005, 95, 156402.	7.8	59
27	Comparison of stripe modulations in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.875</mml:mn></mml:mrow></mml:msub></mml:math>Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.125</mml:mn></mml:mrow></mml:msub></mml:math>CuO<mml:math	3.2	58
28	Cycloidal Order of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:math>Moments as a Probe of Chiral Domains in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>DyMnO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2010, 105, 167207.	7.8	57
29	Room temperature switching of a neutral molecular iron(ii) complex. Chemical Communications, 2013, 49, 10986.	4.1	55
30	Surface core-level shift of 4fstates for Tb(0001). Physical Review B, 1993, 48, 14753-14755.	3.2	53
31	Magnetic properties of rare-earth and transition metal based perovskite type high entropy oxides. Journal of Applied Physics, 2020, 127, .	2.5	48
32	3dâ†' 4fresonant photoemission in rare earth systems. Physica Scripta, 1990, 41, 124-129.	2.5	46
33	Surface core-level shifts and surface states for the heavy lanthanide metals. Physical Review B, 1995, 51, 7920-7923.	3.2	46
34	Long-range charge-density-wave proximity effect at cuprate/manganate interfaces. Nature Materials, 2016, 15, 831-834.	27.5	46
35	qDependence of the Growth-Oscillation Period of X-Ray Reflectivity in Heteroepitaxy: Ho/W(110). Physical Review Letters, 1997, 79, 3954-3957.	7.8	38
36	Surface electronic structure of epitaxial Ce and La films. Physical Review B, 1998, 58, 3682-3689.	3.2	37

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37	Switching of band bending at the nonreactiveCsOx/GaAs(110) interface. Physical Review Letters, 1989, 62, 1306-1309.	7.8	35
38	Surface and bulk electronic structure ofLa1â^'xCaxVO3. Physical Review B, 2004, 70, .	3.2	35
39	Observation of Electronic Ferroelectric Polarization in Multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YMn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2011, 107, 057201.	7.8	35
40	Crystal field ground state of the orthorhombic Kondo semiconductors CeOs2Al10and CeFe2Al10. Physical Review B, 2013, 87, .	3.2	34
41	Stabilization of three-dimensional charge order in YBa2Cu3O6+x via epitaxial growth. Nature Communications, 2018, 9, 2978.	12.8	34
42	Metal-insulator crossover behavior at the surface ofNiS2. Physical Review B, 2003, 67, .	3.2	33
43	Iron porphyrin molecules on Cu(001): Influence of adlayers and ligands on the magnetic properties. Physical Review B, 2013, 87, .	3.2	33
44	Surface and bulk electronic structure of Î±-Ce metal and CeIr2. Surface Science, 1992, 269-270, 605-609.	1.9	32
45	Magnetic Splitting of Valence States in Ferromagnetic and Antiferromagnetic Lanthanide Metals. Physical Review Letters, 2000, 84, 5624-5627.	7.8	32
46	CeRu4Sn6: a strongly correlated material with nontrivial topology. Scientific Reports, 2016, 5, 17937.	3.3	32
47	Magnetic Domain Fluctuations in an Antiferromagnetic Film Observed with Coherent Resonant Soft X-Ray Scattering. Physical Review Letters, 2011, 106, 077402.	7.8	31
48	Soft-x-ray-induced spin-state switching of an adsorbed Fe(II) spin-crossover complex. Journal of Physics Condensed Matter, 2017, 29, 394003.	1.8	31
49	Surface shift of the unoccupied 4fstate in La metal. Physical Review Letters, 1993, 70, 1719-1722.	7.8	30
50	Magnetic Coupling of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Gd</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="bold">N</mml:mi><mml:mo mathvariant="bold">@</mml:mo><mml:msub><mml:mi mathvariant="bold">C</mml:mi><mml:mn>80</mml:mn></mml:msub></mml:math>Endohedral Fullerenes to a Substrate. Physical Review Letters, 2013, 111, 167203.	7.8	28
51	Oâ^'2pholes in tetravalent oxides of Ce and Pr and the Fehrenbacher-Rice hybrid inPrBa2Cu3O7â^'Î´. Physical Review B, 1999, 60, 1460-1463.	3.2	27
52	Ferromagnetism and impurity band in a magnetic semiconductor: InMnP. Physical Review B, 2014, 89, .	3.2	27
53	Magnetic circular dichroism inTbâ€‚3dâ†'4fresonant photoemission. Physical Review B, 1999, 59, 8835-8843.	3.2	26
54	Extended energy range of Ag quantum-well states in Ag(111)/Au(111)/W(110). Physical Review B, 2000, 62, R2303-R2306.	3.2	26

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55	Observation of a Devil's Staircase in the Novel Spin-Valve System<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SrCo</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>11</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2015, 114, 236403.	7.8	26
56	Status and perspectives of high‐resolution spectroscopy in the soft x‐ray range (invited). Review of Scientific Instruments, 1992, 63, 1234-1240.	1.3	25
57	Magnetic Hysteresis at 10 K in Single Molecule Magnet Self‐Assembled on Gold. Advanced Science, 2021, 8, 2000777.	11.2	25
58	Magnetic x-ray scattering at theM5absorption edge of Ho. Physical Review B, 2006, 74, .	3.2	24
59	Resonant magnetic X-ray scattering from ultrathin Ho–metal films down to a few atomic layers. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 953-957.	1.7	23
60	Electronic structure, magnetic, and dielectric properties of the edge-sharing copper oxide chain compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NaCu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2010, 81, .	3.2	23
61	Orbital and spin magnetic moments of transforming one-dimensional iron inside metallic and semiconducting carbon nanotubes. Physical Review B, 2013, 87, .	3.2	23
62	Nickel clusters embedded in carbon nanotubes as high performance magnets. Scientific Reports, 2015, 5, 15033.	3.3	23
63	Molecular beam epitaxy of antiferromagnetic (MnBi2Te4)(Bi2Te3) thin films on BaF2 (111). Journal of Applied Physics, 2020, 128, .	2.5	23
64	Resonant soft x-ray scattering studies of interface reconstructions in SrTiO3/LaAlO3 superlattices. Journal of Applied Physics, 2009, 106, 083705.	2.5	22
65	Persistent low energy phonon broadening near the charge order <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>q</mml:mi></mml:math> vector in the bilayer cuprate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	3.2	22
66	Ultrafast dynamics of antiferromagnetic order studied by femtosecond resonant soft x-ray diffraction. Applied Physics Letters, 2010, 97, 062502.	3.3	21
67	Evolution of charge order topology across a magnetic phase transition in cuprate superconductors. Nature Physics, 2019, 15, 335-340.	16.7	21
68	Dynamic electron correlations with charge order wavelength along all directions in the copper oxide plane. Nature Communications, 2021, 12, 597.	12.8	21
69	Partially occupied surface state at the Fermi level of La(0001). Physical Review B, 1994, 49, 5117-5120.	3.2	20
70	Stability of spin-driven ferroelectricity in the thin-film limit: Coupling of magnetic and electric order in multiferroic TbMnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>films. Physical Review B, 2013, 88, .	3.2	20
71	4f- and surface-electronic structure of lanthanide metals. Journal of Electron Spectroscopy and Related Phenomena, 1995, 75, 233-244.	1.7	19
72	Electronic Structure ofNiS1â^'xSexacross the Phase Transition. Physical Review Letters, 1998, 80, 1284-1287.	7.8	19

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73	Antiferromagnetic Order with Atomic Layer Resolution In EuTe(111) Films. Physical Review Letters, 2008, 101, 267202.	7.8	19
74	Huge magnetically coupled orbital moments of Co porphyrin molecules and their control by CO adsorption. Physical Review B, 2013, 88, .	3.2	19
75	Exchange coupling in a frustrated trimetric molecular magnet reversed by a 1D nano-confinement. Nanoscale, 2019, 11, 10615-10621.	5.6	19
76	Magnetically ordered surface oxide on Gd(0001). Physical Review B, 1999, 60, 3449-3452.	3.2	18
77	On the existence of monoxides on close-packed surfaces of lanthanide metals. Chemical Physics Letters, 1998, 292, 507-514.	2.6	16
78	New magnetic configuration in paramagnetic phase of HoCo2. Journal of Applied Physics, 2012, 111, 07E315.	2.5	15
79	Magnetic states at the surface of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â€“</mml:mtext><mml:msub mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> thin	3.2	15
80	Transfer of Magnetic Order and Anisotropy through Epitaxial Integration 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> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:math> Spin Systems. Physical Review Letters, 2017, 118, 207203.	7.8	15
81	Incipient antiferromagnetism in the Eu-doped topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2020, 102, .	3.2	15
82	Ground State of the Quasi-1D Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaVS</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>Resolved by Resonant Magnetic X-Ray Scattering. Physical Review Letters, 2011, 106, 167203.	7.8	14
83	Resonant soft x-ray scattering from stepped surfaces of SrTiO₃. Journal of Physics Condensed Matter, 2012, 24, 035501.	1.8	13
84	Band-gap narrowing in Mn-doped GaAs probed by room-temperature photoluminescence. Physical Review B, 2015, 92, .	3.2	13
85	High Curie temperature and perpendicular magnetic anisotropy in homoepitaxial InMnAs films. Journal Physics D: Applied Physics, 2015, 48, 235002.	2.8	13
86	Unidirectional behavior of uncompensated Fe orbital moments in exchange-biased Co/FeMn/Cu(001). Physical Review B, 2010, 81, .	3.2	12
87	The UE46 PGM-1 beamline at BESSY II. Journal of Large-scale Research Facilities JLSRF, 0, 4, A127.	0.0	12
88	Growth and electronic structure of dy silicide on Si(111). Applied Surface Science, 1998, 123-124, 100-103.	6.1	11
89	Many-body effects in nonresonant and resonant4pspectroscopy of Gd metal. Physical Review B, 1999, 60, 5728-5736.	3.2	11
90	Magnetic depth profiles from resonant soft x-ray scattering: Application to Dy thin films. Applied Physics Letters, 2006, 88, 212507.	3.3	11

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91	Spin-polarized electronic structure of the coreâ€“shell ZnO/ZnO:Mn nanowires probed by X-ray absorption and emission spectroscopy. Journal of Analytical Atomic Spectrometry, 2013, 28, 1629.	3.0	11
92	Magnetic anisotropy in surface-supported single-ion lanthanide complexes. Physical Review B, 2016, 94, .	3.2	11
93	Spin flip in resonant photoemission from Gd. Physical Review B, 1999, 59, 9737-9740.	3.2	10
94	Local Magnetic and Electronic Structure of the Surface Region of Postsynthesis Oxidized Iron Oxide Nanoparticles for Magnetic Resonance Imaging. Journal of Physical Chemistry C, 2015, 119, 19404-19414.	3.1	10
95	Electronic structure and magnetism of epitaxial Niâ€“Mnâ€“Ga(-Co) thin films with partial disorder: a view across the phase transition. Journal Physics D: Applied Physics, 2017, 50, 465005.	2.8	10
96	Weschkeet al.Reply. Physical Review Letters, 1994, 73, 2006-2006.	7.8	9
97	Temperature dependence of the valence-band photoemission spectra in YbInCu4. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 139-142.	1.7	9
98	Magnetic exchange splitting in lanthanide metals. Journal of Physics Condensed Matter, 2001, 13, 11133-11148.	1.8	9
99	Quantum-well states in bilayers of Ag and Au on W(110). Surface Science, 2003, 540, L638-L642.	1.9	9
100	New Low-Temperature Phase of Yb Metal and its Relation toÎ±-Ce. Physical Review Letters, 1999, 83, 584-587.	7.8	8
101	Oxygen-induced magnetic surface states on the (0001) surfaces of heavy lanthanide metals. Physical Review B, 2002, 65, .	3.2	8
102	Short-range magnetic correlations and parimagnetism in RCo2. European Physical Journal B, 2013, 86, 1.	1.5	8
103	Adiabatic variation of the charge density wave phase diagram in the 123 cuprate (CaxLa1â^'x)(Ba1.75â^'xLa0.25+x)Cu3Oy. Physical Review B, 2019, 100, .	3.2	8
104	Cation- and lattice-site-selective magnetic depth profiles of ultrathin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Fe</mml:mi></mml:mrow><mml:mn>3</mml:mn mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:math> (001) films. Physical Review B, 2020, 102, .	3.2	8
105	Interface formation of Bi-based high-T c superconductors with Mg and Ag. European Physical Journal B, 1989, 74, 191-195.	1.5	7
106	Surface and bulk electronic structure of metallic cerium systems. Physica B: Condensed Matter, 1993, 186-188, 44-49.	2.7	7
107	Coherence versus incoherence of photoemission and Auger signals at resonance. Surface Science, 1994, 307-309, 907-911.	1.9	7
108	Thermal effects on photoemission spectra of lanthanide metals. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 571-576.	1.7	7

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109	Comment on â€œNew Metastable Nonmetallic Phase of Europiumâ€• Physical Review Letters, 1999, 82, 670-670.	7.8	7
110	Ferromagnetic InMnAs on InAs Prepared by Ion Implantation and Pulsed Laser Annealing. Applied Physics Express, 2012, 5, 093007.	2.4	7
111	Identification of local magnetic contributions in a Co2FeBO5 single crystal by XMCD spectroscopy. JETP Letters, 2013, 96, 650-654.	1.4	7
112	Mechanisms of band bending at CsOx/GaAs(110) interfaces: Influence of overlayer stoichiometry and interfacial reactivity. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1989, 7, 986.	1.6	6
113	Temperature-dependent study of the partially filled surface state on Tb(0001). Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 535-539.	1.7	6
114	Parimagnetism in HoCo₂and TmCo₂. Journal of Physics Condensed Matter, 2014, 26, 156001.	1.8	6
115	Large response of charge stripes to uniaxial stress in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>1.47</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review Research, 2021, 3, .	3.6	6
116	Magnetization relaxation and search for the magnetic gap in bulk-insulating V-doped (Bi, Sb)2Te3. Applied Physics Letters, 2021, 119, .	3.3	6
117	Electronic and magnetic structure of rare-earth materials studied by high-resolution photoemission. Journal of Electron Spectroscopy and Related Phenomena, 1994, 68, 515-524.	1.7	5
118	Resonant magnetic X-ray scattering at the lanthanide M5 edges. Physica B: Condensed Matter, 2005, 357, 16-21.	2.7	5
119	Depth-resolved magnetic structure across the ferromagnetic to helical-antiferromagnetic phase transition in Dy/W(110). Physical Review B, 2010, 82, .	3.2	5
120	Long-range antiferromagnetic order of formally nonmagneticEu3+Van Vleck ions observed in multiferroicEu1â^'xYxMnO3. Physical Review B, 2015, 91, .	3.2	5
121	A comprehensive study of the magnetic, structural, and transport properties of the III-V ferromagnetic semiconductor InMnP. Journal of Applied Physics, 2015, 117, .	2.5	5
122	Long-ranged Cu-based order with $$d_{z^2}$$ orbital character at a YBa2Cu3O7/ manganite interface. Npj Quantum Materials, 2021, 6, .	5.2	5
123	Search for enhanced magnetism at the interface between <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> and EuSe. Physical Review B, 2021, 103, .	3.2	5
124	Element-specific contributions to improved magnetic heating of theranostic CoFe2O4 nanoparticles decorated with Pd. Scientific Reports, 2021, 11, 15843.	3.3	5
125	Electronic structure of the SrTiO₃/LaAlO₃interface revealed by resonant soft x-ray scattering. IOP Conference Series: Materials Science and Engineering, 2011, 24, 012012.	0.6	4
126	Resonant soft X-ray scattering studies of multiferroic YMn2O5. European Physical Journal: Special Topics, 2012, 208, 133-139.	2.6	4

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