Moritz Hoesch

List of Publications by Year
in descending order

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129 papers	7,894 citations	53794 45 h-index	51608 86 g-index
131 all docs	131 docs citations	131 times ranked	9160 citing authors

#	Article	IF	Citations
1	A stable three-dimensional topological Dirac semimetal Cd3As2. Nature Materials, 2014, 13, 677-681.	27.5	1,242
2	Emergence of the nematic electronic state in FeSe. Physical Review B, 2015, 91, .	3.2	302
3	Spin structure of the Shockley surface state onAu(111). Physical Review B, 2004, 69, .	3.2	281
4	Direct observation of spin-polarized bulk bands in an inversion-symmetric semiconductor. Nature Physics, 2014, 10, 835-839.	16.7	271
5	Signature of Strong Spin-Orbital Coupling in the Large Nonsaturating Magnetoresistance Material<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>WTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2015, 115, 166601.	7.8	204
6	Observation of large topologically trivial Fermi arcs in the candidate type-II Weyl semimetal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>WT</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 94, .	3.2	174
7	Tailoring the nature and strength of electronâ€“phonon interactions in the SrTiO3(001) 2D electronÂliquid. Nature Materials, 2016, 15, 835-839.	27.5	171
8	Direct observation of spinâ€“orbit coupling in iron-based superconductors. Nature Physics, 2016, 12, 311-317.	16.7	170
9	Suppression of thermal conductivity by rattling modes in thermoelectric sodium cobaltate. Nature Materials, 2013, 12, 1028-1032.	27.5	163
10	Time-reversal symmetry breaking type-II Weyl state in YbMnBi2. Nature Communications, 2019, 10, 3424.	12.8	155
11	Fermi Arcs and Their Topological Character in the Candidate Type-II Weyl Semimetal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoTe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> Physical Review X, 2016, 6, .	8.9	154
12	Ubiquitous formation of bulk Dirac cones and topological surface states from a single orbital manifold in transition-metal dichalcogenides. Nature Materials, 2018, 17, 21-28.	27.5	144
13	Collapse of the Mott Gap and Emergence of a Nodal Liquid in Lightly Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Physical Review Letters, 2015, 115, 176402.	7.8	140
14	Spin-polarized Fermi surface mapping. Journal of Electron Spectroscopy and Related Phenomena, 2002, 124, 263-279.	1.7	133
15	Surface states and Rashba-type spin polarization in antiferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>MnBi</mml:mi><mml:mn>2</mml:mn> (0001). Physical Review B, 2019, 100, .	3.2	132
16	Generation and Evolution of Spin-, Valley-, and Layer-Polarized Excited Carriers in Inversion-Symmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>WSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Physical Review Letters, 2016, 117, 277201.	7.8	129
17	A weak topological insulator state in quasi-one-dimensional bismuth iodide. Nature, 2019, 566, 518-522.	27.8	119
18	Spinâ€“orbit coupling in the L-gap surface states of Au(111): spin-resolved photoemission experiments and first-principles calculations. Journal of Physics Condensed Matter, 2004, 16, 7581-7597.	1.8	118

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19	Spin Crossover in Ferropericlase at High Pressure: A Seismologically Transparent Transition?. Science, 2011, 331, 64-67.	12.6	118
20	A facility for the analysis of the electronic structures of solids and their surfaces by synchrotron radiation photoelectron spectroscopy. Review of Scientific Instruments, 2017, 88, 013106.	1.3	110
21	Fermiology and Superconductivity of Topological Surface States in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>PdTe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Physical Review Letters, 2018, 120, 156401.	7.8	107
22	Maximal Rashba-like spin splitting via kinetic-energy-coupled inversion-symmetry breaking. Nature, 2017, 549, 492-496.	27.8	105
23	Control of a Two-Dimensional Electron Gas on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>SrTiO</mml:mi></mml:mrow><mml:mrow><mml:mn stretchy="false">(</mml:mo><mml:mn>111</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 572 Td (stretchy="fals 2014, 113, 177601.	7.8	101
24	Experimental realization of type-II Weyl state in noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TaIrTe</mml:mi><mml:mn>4</mml:mn> Physical Review B, 2017, 95, .	3.2	101
25	Suppression of orbital ordering by chemical pressure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">FeSe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â”</mml:mo><mml:mi>x</mml:mi></mml:mrow mathvariant="normal">S</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math>. Physical Review B, 2015, 92, .	3.2	98
26	Evidence for unidirectional nematic bond ordering in FeSe. Physical Review B, 2016, 94, .	3.2	94
27	Carrierâ€Density Control of the SrTiO₃ (001) Surface 2D Electron Gas studied by ARPES. Advanced Materials, 2015, 27, 3894-3899.	21.0	88
28	Negative electronic compressibility and tunable spin splitting in WSe2. Nature Nanotechnology, 2015, 10, 1043-1047.	31.5	85
29	Spinâ€“valley locking in the normal state of a transition-metal dichalcogenide superconductor. Nature Communications, 2016, 7, 11711.	12.8	85
30	Holstein polaron in a valley-degenerate two-dimensional semiconductor. Nature Materials, 2018, 17, 676-680.	27.5	80
31	Effect of nematic ordering on electronic structure of FeSe. Scientific Reports, 2016, 6, 36834.	3.3	78
32	Momentum Dependence of Charge Excitations in the Electron-Doped SuperconductorNd1.85Ce0.15CuO4: A Resonant Inelastic X-Ray Scattering Study. Physical Review Letters, 2005, 94, 207003.	7.8	71
33	Giant Kohn Anomaly and the Phase Transition in Charge Density Wave<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>ZrTe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2009, 102, 086402.	7.8	71
34	Observation of strong electron pairing on bands without Fermi surfaces in LiFe1â”xCoxAs. Nature Communications, 2015, 6, 6056.	12.8	68
35	Hallmarks of Hunds coupling in the Mott insulator Ca2RuO4. Nature Communications, 2017, 8, 15176.	12.8	66
36	Electronic anisotropies revealed by detwinned angle-resolved photo-emission spectroscopy measurements of FeSe. New Journal of Physics, 2017, 19, 103021.	2.9	65

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37	A disorder-enhanced quasi-one-dimensional superconductor. Nature Communications, 2016, 7, 12262.	12.8	62
38	InÂsitu strain tuning of the metal-insulator-transition of Ca2RuO4 in angle-resolved photoemission experiments. Nature Communications, 2018, 9, 4535.	12.8	62
39	Formation of Hubbard-like bands as a fingerprint of strong electron-electron interactions in FeSe. Physical Review B, 2017, 95, .	3.2	59
40	Determining adsorbate structures from substrate emission X-ray photoelectron diffraction. Surface Science, 2001, 472, 125-132.	1.9	56
41	Nearly free electrons in a 5 d delafossite oxide metal. Science Advances, 2015, 1, e1500692.	10.3	56
42	Revealing the role of electrons and phonons in the ultrafast recovery of charge density wave correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn mathvariant="bold">1</mml:mn><mml:mi>T</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mi mathvariant="bold">TiSe</mml:mi><mml:mn mathvariant="bold">2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 94, .	3.2	50
43	Experimental Determination of the Topological Phase Diagram in Cerium Monopnictides. Physical Review Letters, 2018, 120, 086402.	7.8	50
44	Multiband One-Dimensional Electronic Structure and Spectroscopic Signature of Tomonaga-Luttinger Liquid Behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow><mml:m Physical Review Letters, 2017, 118, 097002.	7.8	48
45	A novel artificial condensed matter lattice and a new platform for one-dimensional topological phases. Science Advances, 2017, 3, e1501692.	10.3	48
46	Understanding the Complex Phase Diagram of Uranium: The Role of Electron-Phonon Coupling. Physical Review Letters, 2011, 107, 136401.	7.8	47
47	Itinerant ferromagnetism of the Pd-terminated polar surface of PdCoO ₂. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12956-12960.	7.1	45
48	Anharmonicity due to Electron-Phonon Coupling in Magnetite. Physical Review Letters, 2013, 110, 207204.	7.8	42
49	Phonon softening in superconducting diamond. Physical Review B, 2007, 75, .	3.2	40
50	Bulk and Surface Electronic Structure of the Dual-Topology Semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Pt</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mm Physical Review Letters, 2020, 124, 106402.	7.8	40
51	Splitting in the Fermi surface of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>ZrTe</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: A surface charge density wave system. Physical Review B, 2009, 80, .	3.2	39
52	Coherent Quasiparticles with a Small Fermi Surface in Lightly Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Physical Review Letters, 2014, 113, 256402.	7.8	39
53	Narrow-band anisotropic electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ReS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml: Physical Review B, 2017, 96, .	3.2	39
54	Hierarchical spin-orbital polarization of a giant Rashba system. Science Advances, 2015, 1, e1500495.	10.3	38

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55	Boron-Doped Graphene Nanoribbons: Electronic Structure and Raman Fingerprint. ACS Nano, 2018, 12, 7571-7582.	14.6	38
56	Surface structure of Bi<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>Se<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>(111) determined by low-energy electron diffraction and surface x-ray diffraction. Physical Review B, 2013, 88, .	3.2	37
57	Direct observation of orbital hybridisation in a cuprate superconductor. Nature Communications, 2018, 9, 972.	12.8	37
58	Band Structure and Spinâ€“Orbital Texture of the (111)â€KTaO₃ 2D Electron Gas. Advanced Electronic Materials, 2019, 5, 1800860.	5.1	37
59	Short-Range Correlations in Magnetite above the Verwey Temperature. Physical Review X, 2014, 4, .	8.9	36
60	Nonadiabatic Kohn Anomaly in Heavily Boron-Doped Diamond. Physical Review Letters, 2017, 119, 017001.	7.8	36
61	Structural and magnetic phase transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mrow /><mml:mn>0.73</mml:mn></mml:msub></mml:mrow></mml:math>electron-overdoped FeAs layers. Physical Review B, 2016, 93, .	3.2	34
62	Effects of three-dimensional band structure in angle- and spin-resolved photoemission from half-metallic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^•</mml:mo><mml:mn>3</mml:mn></mml:mrow><mml:mi mathvariant="normal">Sr</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^•</mml:mo><mml:mn>3</mml:mn></mml:mrow><mml:mi mathvariant="normal">Mn</mml:mi><mml:msub><m. Physical Review B, 2008, 77, .	3.2	31
63	Crossover from lattice to plasmonic polarons of a spin-polarised electron gas in ferromagnetic EuO. Nature Communications, 2018, 9, 2305.	12.8	31
64	Robust and tunable itinerant ferromagnetism at the silicon surface of the antiferromagnet GdRh2Si2. Scientific Reports, 2016, 6, 24254.	3.3	29
65	Spin Orientation of Two-Dimensional Electrons Driven by Temperature-Tunable Competition of Spinâ€“Orbit and Exchangeâ€“Magnetic Interactions. Nano Letters, 2017, 17, 811-820.	9.1	28
66	Electronic structure of the candidate 2D Dirac semimetal SrMnSb2: a combined experimental and theoretical study. SciPost Physics, 2018, 4, .	4.9	28
67	Absence of giant spin splitting in the two-dimensional electron liquid at the surface of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>Physical Review B, 2016, 93, .	3.2	27
68	Sharp optical-phonon softening near optimal doping inLa2â^'xBaxCuO4+Î´observed via inelastic x-ray scattering. Physical Review B, 2008, 78, .	3.2	26
69	Probing the reconstructed Fermi surface of antiferromagnetic BaFe2As2 in one domain. Npj Quantum Materials, 2019, 4, .	5.2	26
70	Measurement of strong phonon softening in Cr with and without Fermi-surface nesting by inelastic x-ray scattering. Physical Review B, 2010, 82, .	3.2	25
71	Observation of a Van Hove singularity and implication for strong-coupling induced Cooper pairing inKFe2As2. Physical Review B, 2015, 92, .	3.2	25
72	Buried double CuO chains in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></mml:mrow><mml:mi mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math> uncovered by nano-ARPES. Physical Review B, 2019, 99, .	3.2	25

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73	High Resolution Photoexcitation Measurements Exacerbate the Long-Standing Fe XVII Oscillator Strength Problem. Physical Review Letters, 2020, 124, 225001.	7.8	25
74	Lattice dynamics of vanadium: Inelastic x-ray scattering measurements. Physical Review B, 2008, 78, .	3.2	24
75	Topological surface state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo><mml:mi>Sn</mml:mi> on InSb(001) as studied by photoemission. Physical Review B, 2018, 97, .	3.2	23
76	Shifts and Splittings of the Hole Bands in the Nematic Phase of FeSe. Journal of the Physical Society of Japan, 2017, 86, 053703.	1.6	23
77	THE FERMI SURFACE IN A MAGNETIC METALâ€"INSULATOR INTERFACE. Surface Review and Letters, 2002, 09, 1243-1250.	1.1	22
78	Dimensional Crossover in a Charge Density Wave Material Probed by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2017, 118, 206401.	7.8	22
79	Tailoring the topological surface state in ultrathin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -Sn(111) films. Physical Review B, 2019, 100, .	3.2	22
80	Spin- and angle-resolved photoemission spectroscopy study of the Au(111) Shockley surface state. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 119-123.	1.7	21
81	Disorder Quenching of the Charge Density Wave in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ZrTe</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> Physical Review Letters, 2019, 122, 017601.	7.8	21
82	Evolution of the charge density wave superstructure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ZrTe</mml:mi><mml:mn>3</mml:mn> pressure. Physical Review B, 2016, 93, .	3.2	20
83	Momentum-space signatures of Berry flux monopoles in the Weyl semimetal TaAs. Nature Communications, 2021, 12, 3650.	12.8	20
84	Exchange splitting of the three<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mover accent="true"><mml:mi>Î“</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover></mml:math>surface states of Ni(111) from three-dimensional spin- and angle-resolved photoemission spectroscopy. Physical Review B, 2009, 80, .	3.2	19
85	Reentrant Phase Coherence in Superconducting Nanowire Composites. ACS Nano, 2016, 10, 515-523.	14.6	19
86	Strongly anisotropic spin-orbit splitting in a two-dimensional electron gas. Physical Review B, 2015, 91, .	3.2	17
87	Bulk and surface electronic structure of hexagonal structured<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PtBi</mml:mi><mml:mn>2</mml:mn></mml:msub> by angle-resolved photoemission spectroscopy. Physical Review B, 2016, 94, .	3.2	17
88	Angle-resolved photoemission spectroscopy study of Fe(110) single crystal: Many-body interactions between quasi-particles at the Fermi level. Surface Science, 2007, 601, 4010-4012.	1.9	16
89	Evaluation of the coupling parameters of many-body interactions in Fe(110). Physical Review B, 2010, 82, .	3.2	16
90	Local corrugation and persistent charge density wave in ZrTe3 with Ni intercalation. Physical Review B, 2018, 97, .	3.2	16

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91	Orbitally selective breakdown of Fermi liquid quasiparticles in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mrow><mml:mn>1.8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2019, 99, .	3.2	16
92	Zone plates for angle-resolved photoelectron spectroscopy providing sub-micrometre resolution in the extreme ultraviolet regime. Journal of Synchrotron Radiation, 2019, 26, 467-472.	2.4	16
93	Three-dimensional electronic structure of the nematic and antiferromagnetic phases of NaFeAs from detwinned angle-resolved photoemission spectroscopy. Physical Review B, 2018, 97, .	3.2	15
94	3DÂImaging of the Fermi Surface by Thermal Diffuse Scattering. Physical Review Letters, 2009, 103, 076403.	7.8	14
95	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YFe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> by angle-resolved photoemission spectroscopy. Physical Review B, 2016, 93, .	3.2	14
96	Photon energy dependent circular dichroism in angle-resolved photoemission from Au(111) surface states. Physical Review B, 2017, 95, .	3.2	14
97	Phonon anomalies and lattice dynamics in the superconducting oxychlorides Ca2âˆ’xCuO2Cl2. Physical Review B, 2013, 88, .	3.2	13
98	Is <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">BaCr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> symmetrical to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	3.2	13
99	Phonon dispersion and low-energy anomaly in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CaC</mml:mtext></mml:mrow><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> inelastic neutron and x-ray scattering experiments. Physical Review B, 2010, 81, .	3.2	12
100	Observation of non-Fermi liquid behavior in hole-dopedLiFe1âˆ’xVxAs. Physical Review B, 2016, 94, .	3.2	12
101	Characterization of the Percival detector with soft X-rays. Journal of Synchrotron Radiation, 2021, 28, 131-145.	2.4	12
102	Emitter-site specificity of hard x-ray photoelectron Kikuchi-diffraction. New Journal of Physics, 2020, 22, 103002.	2.9	12
103	Tuneable electronâ€“magnon coupling of ferromagnetic surface states in PdCoO2. Npj Quantum Materials, 2022, 7, .	5.2	12
104	Acoustic and optical phonons in metallic diamond. Science and Technology of Advanced Materials, 2006, 7, S31-S36.	6.1	11
105	Emergence of Dirac-like bands in the monolayer limit of epitaxial Ge films on Au(1â€‰1â€‰1). 2D Materials, 2017, 4, 031005.	4.4	10
106	Charge Density Waves in Electron-Doped Molybdenum Disulfide. Nano Letters, 2021, 21, 5516-5521.	9.1	10
107	Surface termination and electronic reconstruction in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><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>7</mml:mn><mml:mo>â”‚</mml:mo><mml:mi>Î´</mml:mi></mml:mrow>	3.2	9
108	Role of a higher-dimensional interaction in stabilizing charge density waves in quasi-one-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NbSe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2020, 101, .	3.2	9

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109	Direct 2D spatial-coherence determination using the Fourier-analysis method: multi-parameter characterization of the P04 beamline at PETRAÂIII. Optics Express, 2020, 28, 7282.	3.4	9
110	A device for the application of uniaxial strain to single crystal samples for use in synchrotron radiation experiments. Review of Scientific Instruments, 2015, 86, 103904.	1.3	8
111	Non-local effect of impurity states on the exchange coupling mechanism in magnetic topological insulators. Npj Quantum Materials, 2020, 5, .	5.2	8
112	Two- and three-dimensional band structure of ultrathin Ni on Cu(001). Physical Review B, 2009, 79, .	3.2	7
113	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>d</mml:mi><mml:mrow><mml:mi>x</mml:mi><mml:m orbital subband structures and chiral orbital angular momentum in the (001) surface states of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub><m	3.2	7
114	Lattice dynamics of the cluster chain compounds <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>M</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:n		

#	Article	IF	Citations
127	High-resolution angle-resolved photoemission study of the spin-polarized Fermi surface of Ni(100). Journal of Magnetism and Magnetic Materials, 2007, 310, 1082-1083.	2.3	1
128	Orbital-selective metal-insulator transition lifting the t2g band hybridization in the Hund metal Sr3(Ru1â^'xMnx)2O7. Physical Review B, 2018, 98, .	3.2	1
129	Enabling time-resolved 2D spatial-coherence measurements using the Fourier-analysis method with an integrated curved-grating beam monitor. Optics Letters, 2020, 45, 5591.	3.3	1