Vladimir N Strocov

List of Publications by Year
in descending order

165	6,656	71102	74163
papers	citations	41 h-index	75 g-index

165	165	165	6866
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-resolution soft X-ray beamline ADRESS at the Swiss Light Source for resonant inelastic X-ray scattering and angle-resolved photoelectron spectroscopies. Journal of Synchrotron Radiation, 2010, 17, 631-643.	2.4	307
2	Observation of three-component fermions in the topological semimetal molybdenum phosphide. Nature, 2017, 546, 627-631.	27.8	299
3	Spinâ€“orbital separation in the quasi-one-dimensional Mott insulator Sr2CuO3. Nature, 2012, 485, 82-85.	27.8	267
4	SAXES, a high resolution spectrometer for resonant x-ray emission in the 400â€“1600eV energy range. Review of Scientific Instruments, 2006, 77, 113108.	1.3	252
5	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
6	Ground-state oxygen holes and the metalâ€“insulator transition in the negative charge-transfer rare-earth nickelates. Nature Communications, 2016, 7, 13017.	12.8	193
7	Chiral topological semimetal with multifold band crossings and long Fermi arcs. Nature Physics, 2019, 15, 759-765.	16.7	184
8	Three-Dimensional Electron Realm in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>VSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>by Soft-X-Ray Photoelectron Spectroscopy: Origin of Charge-Density Waves. Physical Review Letters, 2012, 109, 086401.	7.8	144
9	Soft-X-ray ARPES facility at the ADRESS beamline ofÂthe SLS: concepts, technical realisation and scientific applications. Journal of Synchrotron Radiation, 2014, 21, 32-44.	2.4	132
10	Polaronic metal state at the LaAlO3/SrTiO3 interface. Nature Communications, 2016, 7, 10386.	12.8	130
11	Coherent science at the SwissFEL x-ray laser. New Journal of Physics, 2010, 12, 035012.	2.9	123
12	Spin fluctuation induced Weyl semimetal state in the paramagnetic phase of EuCd ₂ As ₂. Science Advances, 2019, 5, eaaw4718.	10.3	122
13	Measurement of Magnetic Excitations in the Two-Dimensional Antiferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><mml:mn> Using Resonant X-Ray Scattering: Evidence for Extended Interactions. Physical Review Letters, 2010, 105, 157006.	7.8	111
14	Asymmetry of collective excitations in electron- and hole-doped cuprate superconductors. Nature Physics, 2014, 10, 883-889.	16.7	106
15	Observation and control of maximal Chern numbers in a chiral topological semimetal. Science, 2020, 369, 179-183.	12.6	103
16	Collective Magnetic Excitations in the Spin LadderSr14Cu24O41Measured Using High-Resolution Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2009, 103, 047401.	7.8	102
17	Unveiling the complex electronic structure of amorphous metal oxides. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6355-6360.	7.1	102
18	Persistent high-energy spin excitations in iron-pnictide superconductors. Nature Communications, 2013, 4, 1470.	12.8	101

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19	Direct observation of how the heavy-fermion state develops in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></ Physical Review B, 2017, 96, .	3.2	94
20	Dimensionality-Driven Metal-Insulator Transition in Spin-Orbit-Coupled <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SrIrO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></ Physical Review Letters, 2017, 119, 256404.	7.8	81
21	Unveiling the impurity band induced ferromagnetism in the magnetic semiconductor (Ga,Mn)As. Physical Review B, 2014, 89, .	3.2	76
22	Disentangling bulk and surface Rashba effects in ferroelectric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>-GeTe. Physical Review B, 2016, 94, .	3.2	74
23	Doping dependent band structure of LaAlO <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>/SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>interfaces by soft x-ray polarization-controlled resonant angle-resolved photoemission. Physical Review B, 2014, 89, .	3.2	70
24	Absolute Band Mapping by Combined Angle-Dependent Very-Low-Energy Electron Diffraction and Photoemission: Application to Cu. Physical Review Letters, 1998, 81, 4943-4946.	7.8	69
25	Observation of Two Nondispersive Magnetic Excitations in NiO by Resonant Inelastic Soft-X-Ray Scattering. Physical Review Letters, 2009, 102, 027401.	7.8	69
26	Spatial Quantum Beats in Vibrational Resonant Inelastic Soft X-Ray Scattering at Dissociating States in Oxygen. Physical Review Letters, 2011, 106, 153004.	7.8	69
27	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
28	Entanglement and manipulation of the magnetic and spinâ€“orbit order in multiferroic Rashba semiconductors. Nature Communications, 2016, 7, 13071.	12.8	68
29	New Method for Absolute Band Structure Determination by Combining Photoemission with Very-Low-Energy Electron Diffraction: Application to LayeredVSe2. Physical Review Letters, 1997, 79, 467-470.	7.8	67
30	Three-dimensional unoccupied band structure of graphite: Very-low-energy electron diffraction and band calculations. Physical Review B, 2000, 61, 4994-5001.	3.2	66
31	Three-Dimensional Fermi Surface of Overdoped La-Based Cuprates. Physical Review Letters, 2018, 121, 077004.	7.8	61
32	Bulk and surface Rashba splitting in single termination BiTeCl. New Journal of Physics, 2013, 15, 085022.	2.9	60
33	Elastic scattering effects in the electron mean free path in a graphite overlayer studied by photoelectron spectroscopy and LEED. Physical Review B, 2005, 71, .	3.2	58
34	Three-Dimensional Electronic Structure of the 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>WTe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Physical Review Letters, 2017, 119, 026403.	7.8	55
35	Electronic Structure of CoO Nanocrystals and a Single Crystal Probed by Resonant X-ray Emission Spectroscopy. Journal of Physical Chemistry C, 2012, 116, 15218-15230.	3.1	51
36	Experimental Proof of a Structural Origin for the Shadow Fermi Surface ofBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2006, 96, 107007.	7.8	48

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37	Interface Fermi States of<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 Related Heterostructures. Physical Review Letters, 2013, 110, 137601.	7.8	45
38	Intramolecular soft modes and intermolecular interactions in liquid acetone. Physical Review B, 2011, 84, .	3.2	44
39	Three-dimensional band structure of layeredTiTe2: Photoemission final-state effects. Physical Review B, 2006, 74, .	3.2	43
40	Electron-lattice interactions strongly renormalize the charge-transfer energy in the spin-chain cuprate Li2CuO2. Nature Communications, 2016, 7, 10563.	12.8	43
41	k-space imaging of anisotropic 2D electron gas in GaN/GaAlN high-electron-mobility transistor heterostructures. Nature Communications, 2018, 9, 2653.	12.8	43
42	Excited-state bands of Cu determined by VLEED band fitting and their implications for photoemission. Physical Review B, 1997, 56, 1717-1725.	3.2	42
43	Three-dimensional band mapping by angle-dependent very-low-energy electron diffraction and photoemission: Methodology and application to Cu. Physical Review B, 2001, 63, .	3.2	42
44	Observation of Weyl Nodes in Robust 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>WP</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review Letters, 2019, 122, 176402.	7.8	42
45	Magnetic Coupling and Quantum Fluctuations in the Spin-Chain<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Li</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>CuO</mml:mi><mml:mi><mm xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CuGeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>Compounds Using Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2013, 110, 097402.	7.8	41
46	Snapshots of the Fluctuating Hydrogen Bond Network in Liquid Water on the Sub-Femtosecond Timescale with Vibrational Resonant Inelastic x-ray Scattering. Physical Review Letters, 2015, 114, 088302.	7.8	41
47	Photoemission from graphite: Intrinsic and self-energy effects. Physical Review B, 2001, 64, .	3.2	40
48	Large positive linear magnetoresistance in the two-dimensional t 2g electron gas at the EuO/SrTiO3 interface. Scientific Reports, 2018, 8, 7721.	3.3	40
49	Soft-X-ray ARPES at the Swiss Light Source: From 3D Materials to Buried Interfaces and Impurities. Synchrotron Radiation News, 2014, 27, 31-40.	0.8	39
50	Probing multi-spinon excitations outside of the two-spinon continuum in the antiferromagnetic spin chain cuprate Sr2CuO3. Nature Communications, 2018, 9, 5394.	12.8	39
51	Fermi Surface of Three-Dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><m by Soft-X-Ray ARPES: Rhombohedral Lattice Distortion and its Effect. Physical Review Letters, 2015, 114, 237601.	7.8	38
52	Self-doping processes between planes and chains in the metal-to-superconductor transition of YBa2Cu3O6.9. Scientific Reports, 2014, 4, 7017.	3.3	38
53	Band structure of the EuO/Si interface: justification for silicon spintronics. Journal of Materials Chemistry C, 2017, 5, 192-200.	5.5	37
54	Direct observation of orbital hybridisation in a cuprate superconductor. Nature Communications, 2018, 9, 972.	12.8	37

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55	Evidence of a Coulomb-Interaction-Induced Lifshitz Transition and Robust Hybrid Weyl Semimetal in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:mi>d</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>-MoTe2. Physical Review Letters, 2018, 121, 136401.	7.8	37
56	Unoccupied band structure ofNbSe2by very low-energy electron diffraction: Experiment and theory. Physical Review B, 2002, 66, .	3.2	36
57	Concept of a spectrometer for resonant inelastic X-ray scattering with parallel detection in incoming and outgoing photon energies. Journal of Synchrotron Radiation, 2010, 17, 103-106.	2.4	36
58	Numerical optimization of spherical variable-line-spacing grating X-ray spectrometers. Journal of Synchrotron Radiation, 2011, 18, 134-142.	2.4	36
59	Nesting-driven multipolar order in CeB6 from photoemission tomography. Nature Communications, 2016, 7, 10876.	12.8	36
60	Resonant inelastic x-ray scattering study of the spin and charge excitations in the overdoped superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>1.77</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Sr0.23CuO4. Physical Review B, 2016, 93, .	3.2	34
61	Orbital Ordering of the Mobile and Localized Electrons at Oxygen-Deficient LaAlO₃/SrTiO₃ Interfaces. ACS Nano, 2018, 12, 7927-7935.	14.6	34
62	Spectroscopic perspective on the interplay between electronic and magnetic properties of magnetically doped topological insulators. Physical Review B, 2017, 96, .	3.2	32
63	Microscopic origin of the mobility enhancement at a spinel/perovskite oxide heterointerface revealed by photoemission spectroscopy. Physical Review B, 2017, 96, .	3.2	32
64	Electronic properties of candidate type-II Weyl semimetal WTe ₂ . A review perspective. Electronic Structure, 2019, 1, 014003.	2.8	32
65	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:msub></mml:mrow></mml:math>Sr<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>1</mml:mn><mml:mo>â^•</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>MnO3. Physical Review B, 2008, 77, .	3.2	31
66	Bulk Electronic Structure of Superconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaRu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">P</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>Single Crystals Measured by Soft-X-Ray Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2012, 108, 257005.	7.8	31
67	Mapping of Electron-Hole Excitations in the Charge-Density-Wave System<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>1</mml:mn><mml:mi>T</mml:mi><mml:mtext mathvariant="normal">â^’</mml:mtext><mml:msub><mml:mi>TiSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>Using Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2012, 109, 047401.	7.8	31
68	Observation of multiple types of topological fermions in PdBiSe. Physical Review B, 2019, 99, .	3.2	31
69	Ground state potential energy surfaces around selected atoms from resonant inelastic x-ray scattering. Scientific Reports, 2016, 6, 20054.	3.3	30
70	Two-Spinon and Orbital Excitations of the Spin-Peierls System TiOCl. Physical Review Letters, 2011, 107, 107402.	7.8	29
71	Energetic, spatial, and momentum character of the electronic structure at a buried interface: The two-dimensional electron gas between two metal oxides. Physical Review B, 2016, 93, .	3.2	29
72	Distinct Evolutions of Weyl Fermion Quasiparticles and Fermi Arcs with Bulk Band Topology in Weyl Semimetals. Physical Review Letters, 2017, 118, 106406.	7.8	27

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73	Digging up bulk band dispersion buried under a passivation layer. Applied Physics Letters, 2012, 101, .	3.3	26
74	Mapping the excited-state bands above the vacuum level with VLEED: principles, results for Cu, and the connection to photoemission. Journal of Physics Condensed Matter, 1996, 8, 7539-7547.	1.8	25
75	Momentum selectivity and anisotropy effects in the nitrogenK-edge resonant inelastic x-ray scattering from GaN. Physical Review B, 2005, 72, .	3.2	25
76	Three-dimensional Fermi surface of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi><mml:mo>â^'</mml:mo><mml:mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> : Implications for the mechanism of charge density waves. Physical Review B, 2018, 97, .	3.2	25
77	Signature of band inversion in the antiferromagnetic phase of axion insulator candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>EuIn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mn>As</mml:mn><mml:msub><mml:mn>2</mml:mn></mml:msub><mml:mn>O</mml:mn><mml:msub><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> revealed by Dirac surface states. Physical Review B, 2020, 101, .	3.2	25
78	Orbital superexchange and crystal field simultaneously at play in YVO<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>: Resonant inelastic x-ray scattering at the V<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>L</mml:mi></mml:math>edge and the O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>	3.2	24
79	Coherent Epitaxial Semiconductora€ Ferromagnetic Insulator InAs/EuS Interfaces: Band Alignment and Magnetic Structure. ACS Applied Materials & Interfaces, 2020, 12, 8780-8787.	8.0	23
80	Band- andk-dependent self-energy effects in the unoccupied and occupied quasiparticle band structure of Cu. Physical Review B, 2002, 66, .	3.2	22
81	Microscopic effects of Dy doping in the 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:msub><mml:mi>Te</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2018, 97, .	3.2	22
82	Do topology and ferromagnetism cooperate at the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>EuS</mml:mi><mml:mo>/</mml:mo><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> interface?. Physical Review B, 2019, 99, .	3.2	21
83	Large linear non-saturating magnetoresistance and high mobility in ferromagnetic MnBi. Nature Communications, 2021, 12, 4576.	12.8	22
84	Band mapping in the one-step photoemission theory: Multi-Bloch-wave structure of final states and interference effects. Physical Review B, 2007, 75, .	3.2	21
85	Pseudogap in the chain states of YBa2Cu3O6.6. Physical Review B, 2012, 85, .	3.2	21
86	Resonant inelastic x-ray scattering at the Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>L</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>edge of the one-dimensional chalcogenide BaFe<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/M	3.2	21
87	Weyl fermions, Fermi arcs, and minority-spin carriers in ferromagnetic CoS ₂. Science Advances, 2020, 6, .	10.3	20
88	High-resolution resonant inelastic X-ray scattering with soft X-rays at the ADRESS beamline of the Swiss light source: Instrumental developments and scientific highlights. Journal of Electron Spectroscopy and Related Phenomena, 2013, 188, 38-46.	1.7	19
89	Tunable spin helical Dirac quasiparticles on the surface of three-dimensional HgTe. Physical Review B, 2015, 92, .	3.2	19
90	Concept of a multichannel spin-resolving electron analyzer based on Mott scattering. Journal of Synchrotron Radiation, 2015, 22, 708-716.	2.4	19

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91	Strain engineering of the charge and spin-orbital interactions in Sr2IrO4. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24764-24770.	7.1	19
92	Electron-polaron dichotomy of charge carriers in perovskite oxides. Communications Physics, 2020, 3, .	5.3	19
93	Electronic phase separation at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub><mi interfaces tunable by oxygen deficiency. Physical Review Materials, 2019, 3, .	3.4	19
94	Local and collective magnetism of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">EuFe</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>. Physical Review B, 2017, 95, .	3.2	18
95	Unraveling intrinsic correlation effects with angle-resolved photoemission spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28596-28602.	7.1	18
96	Band-Order Anomaly at the Î³-Al₂O₃/SrTiO₃ Interface Drives the Electron-Mobility Boost. ACS Nano, 2021, 15, 4347-4356.	14.6	18
97	Observation of a linked-loop quantum state in a topological magnet. Nature, 2022, 604, 647-652.	27.8	18
98	Electrostatic ray-tracing calculations in VLEED. Measurement Science and Technology, 1996, 7, 1636-1642.	2.6	17
99	Absolute determination of the layer-perpendicular band structure of and by combined very-low-energy electron diffraction and photoemission. Journal of Physics Condensed Matter, 1998, 10, 5749-5766.	1.8	17
100	NÃ©el Vector Induced Manipulation of Valence States in the Collinear Antiferromagnet Mn₂Au. ACS Nano, 2020, 14, 17554-17564.	14.6	17
101	Intralayer doping effects on the high-energy magnetic correlations in NaFeAs. Physical Review B, 2016, 93, .	3.2	16
102	Electronic localization in CaVO3 films via bandwidth control. Npj Quantum Materials, 2019, 4, .	5.2	16
103	Hybridization between the ligand <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> band and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Fe</mml:mi><mml:mtext>â^'</mml:mtext><mml:mn>3 orbitals in the p-type ferromagnetic semiconductor (Ga,Fe)Sb. Physical Review B, 2020, 101, .	3.2	16
104	Very-low-energy electron diffraction from TiS₂: experiment andab initiotheory. Journal of Physics Condensed Matter, 2009, 21, 314009.	1.8	15
105	Fermi surface and effective masses in photoemission response of the (Ba1â^'x K x)Fe2As2 superconductor. Scientific Reports, 2017, 7, 8787.	3.3	15
106	Band structure of overdoped cuprate superconductors: Density functional theory matching experiments. Physical Review B, 2019, 99, .	3.2	15
107	Reciprocity between local moments and collective magnetic excitations in the phase diagram of BaFe2(As1â^'xPx)2. Communications Physics, 2019, 2, .	5.3	15
108	Spin-excitation anisotropy in the nematic state of detwinned FeSe. Nature Physics, 2022, 18, 806-812.	16.7	15

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109	Operation experience of the UE44 fixed gap APPLE II at SLS. Journal of Physics: Conference Series, 2013, 425, 032020.	0.4	14
110	Dimensionality-tuned electronic structure of nickelate superlattices explored by soft-x-ray angle-resolved photoelectron spectroscopy. Physical Review B, 2015, 92, .	3.2	14
111	Nitrogen local electronic structure in Ga(In)AsN alloys by soft-x-ray absorption and emission: Implications for optical properties. Physical Review B, 2004, 69, .	3.2	13
112	Internal symmetry and selection rules in resonant inelastic soft x-ray scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 161002.	1.5	13
113	Improving the resolution in soft X-ray emission spectrometers through photon-counting using an Electron Multiplying CCD. Journal of Instrumentation, 2012, 7, C01063-C01063.	1.2	13
114	Optimization of the X-ray incidence angle in photoelectron spectrometers. Journal of Synchrotron Radiation, 2013, 20, 517-521.	2.4	13
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