

Friedrich Reinert

List of Publications by Year in descending order

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223
papers

8,773
citations

38742

50
h-index

54911

84
g-index

226
all docs

226
docs citations

226
times ranked

8164
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction and observation of an antiferromagnetic topological insulator. Nature, 2019, 576, 416-422.	27.8	701
2	Direct measurements of the L-gap surface states on the (111) face of noble metals by photoelectron spectroscopy. Physical Review B, 2001, 63, .	3.2	466
3	Spin-orbit splitting of the L-gap surface state on Au(111) and Ag(111). Physical Review B, 2001, 65, .	3.2	243
4	Chemical Aspects of the Candidate Antiferromagnetic Topological Insulator MnBi_2Te_4 . Chemistry of Materials, 2019, 31, 2795-2806.	6.7	203
5	Energetics of excited states in the conjugated polymer poly(3-hexylthiophene). Physical Review B, 2010, 81, .	3.2	167
6	Role of Bulk and Surface Phonons in the Decay of Metal Surface States. Physical Review Letters, 2002, 88, 066805.	7.8	166
7	Submonolayer growth of copper-phthalocyanine on Ag(111). New Journal of Physics, 2010, 12, 083038.	2.9	156
8	Electron Lifetime in a Shockley-Type Metal-Organic Interface State. Physical Review Letters, 2008, 101, 146801.	7.8	154
9	Strong hybridization in vanadium oxides: evidence from photoemission and absorption spectroscopy. Journal of Physics Condensed Matter, 1998, 10, 5697-5716.	1.8	151
10	Electronic structure of 3d-transition-metal oxides: on-site Coulomb repulsion versus covalency. Journal of Physics Condensed Matter, 1999, 11, 1657-1682.	1.8	151
11	Photoemission spectroscopy "from early days to recent applications. New Journal of Physics, 2005, 7, 97-97.	2.9	150
12	Role of Intermolecular Interactions on the Electronic and Geometric Structure of a Large C_{60} -Conjugated Molecule Adsorbed on a Metal Surface. Physical Review Letters, 2008, 100, 136103.	7.8	147
13	Surface states and Rashba-type spin polarization in antiferromagnetic MnBi_2Te_4 (0001). Physical Review B, 2019, 100, .	6.7	132
14	Ion adsorption behaviour of hydroxyapatite with different crystallinities. Colloids and Surfaces B: Biointerfaces, 2009, 74, 91-95.	5.0	128
15	Fermi-surface instability at the "hidden-order" transition of URu_2Si_2 . Nature Physics, 2009, 5, 637-641.	16.7	123
16	Interplay between structural, chemical, and spectroscopic properties of $\text{Ag}/\text{Au}(111)$ epitaxial ultrathin films: A way to tune the Rashba coupling. Physical Review B, 2006, 73, .	3.2	117
17	Hybridization of Organic Molecular Orbitals with Substrate States at Interfaces: PTCDA on Silver. Physical Review Letters, 2010, 104, 233004.	7.8	116
18	Submonolayer growth of CuPc on noble metal surfaces. Physical Review B, 2011, 83, .	3.2	110

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19	Direct 3D mapping of the Fermi surface and Fermi velocity. Nature Materials, 2017, 16, 615-621.	27.5	97
20	Temperature Dependence of the Kondo Resonance and Its Satellites in CeCu ₂ Si ₂ . Physical Review Letters, 2001, 87, 106401.	7.8	93
21	Deagglomeration and surface modification of thermally annealed nanoscale diamond. Journal of Colloid and Interface Science, 2011, 354, 23-30.	9.4	91
22	Spin-orbit interaction in the photoemission spectra of noble metal surface states. Journal of Physics Condensed Matter, 2003, 15, S693-S705.	1.8	90
23	Adsorption energy and geometry of physisorbed organic molecules on Au(111) probed by surface-state photoemission. Surface Science, 2009, 603, 354-358.	1.9	86
24	Topological Electronic Structure and Intrinsic Magnetization in MnBi. Physical Review X, 2019, 9, .	1.8	86
25	Nanoelectron spectroscopy for chemical analysis: a novel energy filter for imaging x-ray photoemission spectroscopy. Journal of Physics Condensed Matter, 2005, 17, S1329-S1338.	1.8	82
26	Influence of the substrate on the spin-orbit splitting in surface alloys on (111) noble-metal surfaces. Physical Review B, 2009, 80, .	3.2	82
27	Orbital Density Reconstruction for Molecules. Physical Review Letters, 2011, 107, 193002.	7.8	78
28	Spin-texture inversion in the giant Rashba semiconductor BiTeI. Nature Communications, 2016, 7, 11621.	12.8	78
29	Impact of a RbF Postdeposition Treatment on the Electronic Structure of the CdS/Cu(In,Ga)Se ₂ Heterojunction in High-Efficiency Thin-Film Solar Cells. ACS Energy Letters, 2017, 2, 2383-2387.	17.4	76
30	Photoemission spectroscopy in metals. Journal of Electron Spectroscopy and Related Phenomena, 1999, 100, 191-213.	1.7	72
31	High-resolution photoemission study on low-temperature Kondo resonance in Ce systems: Kondo resonance, crystal field structures, and their temperature dependence. Physical Review B, 2007, 76, .	3.2	72
32	Photoemission experiments on YbInCu ₄ : Surface effects and temperature dependence. Physical Review B, 1998, 58, 12808-12816.	3.2	70
33	Origin and manipulation of the Rashba splitting in surface alloys. Europhysics Letters, 2009, 87, 37003.	2.0	67
34	Rare Gases on Noble-Metal Surfaces: An Angle-Resolved Photoemission Study with High Energy Resolution. Journal of Physical Chemistry B, 2004, 108, 14692-14698.	2.6	66
35	Nuclear dynamics and spectator effects in resonant inelastic soft x-ray scattering of gas-phase water molecules. Journal of Chemical Physics, 2012, 136, 144311.	3.0	66
36	Substrate-mediated band-dispersion of adsorbate molecular states. Nature Communications, 2013, 4, 1514.	12.8	63

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37	Assessing the atomic contribution to the Rashba spin-orbit splitting in surface alloys: Sb/Ag(111). Physical Review B, 2009, 79, .	3.2	62
38	Natural linewidth of the Ag(111)L-gap surface state as determined by photoemission spectroscopy. Physical Review B, 2000, 62, 1631-1634.	3.2	61
39	High-resolution photoemission on Ag ⁺ Au(111): Spin-orbit splitting and electronic localization of the surface state. Physical Review B, 2005, 72, .	3.2	57
40	Electron and hole doping in NiO. European Physical Journal B, 1995, 97, 83-93.	1.5	56
41	Disordering of an Organic Overlayer on a Metal Surface Upon Cooling. Science, 2010, 329, 303-305.	12.6	55
42	Importance of Charge Fluctuations for the Topological Phase in SmB_6 . Physical Review Letters, 2014, 112, 226402.	7.8	55
43	Influence of the herringbone reconstruction on the surface electronic structure of Au(111). Applied Physics A: Materials Science and Processing, 2004, 78, 817-821.	2.3	54
44	Experimental determination of the attenuation length of electrons in organic molecular solids: The example of PTCDA. Surface Science, 2011, 605, 878-882.	1.9	54
45	Evidence for Itineracy in the Anticipated Kondo Insulator FeSi: A Quantitative Determination of the Band Renormalization. Physical Review Letters, 2008, 101, 046406.	7.8	53
46	Spin orientation and sign of the Rashba splitting in Bi/Cu(111). Physical Review B, 2011, 84, .	3.2	53
47	The optical gap of NiO. European Physical Journal B, 1992, 86, 207-215.	1.5	52
48	Complete determination of molecular orbitals by measurement of phase symmetry and electron density. Nature Communications, 2014, 5, 4156.	12.8	52
49	Surface and interface states on adsorbate covered noble metal surfaces. Surface Science, 2003, 532-535, 160-165.	1.9	51
50	Electronic structure of 1ML NTCDA/Ag(111) studied by photoemission spectroscopy. Surface Science, 2007, 601, 4013-4017.	1.9	51
51	Influence of the reconstruction in Ag ⁺ Cu(111) on the surface electronic structure: Quantitative analysis of the induced band gap. Physical Review B, 2005, 72, .	3.2	50
52	Spin-orbit splitting of the Shockley state in the Ag ⁺ Au(111) interface. Physical Review B, 2004, 70, .	3.2	49
53	Direct Observation of Interband Spin-Orbit Coupling in a Two-Dimensional Electron System. Physical Review Letters, 2012, 108, 196801.	7.8	48
54	Momentum-Resolved Evolution of the Kondo Lattice into a "Hidden Order" in URu_2Si_2 . Physical Review Letters, 2013, 110, 156404.	7.8	47

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55	Observation of a BCS Spectral Function in a Conventional Superconductor by Photoelectron Spectroscopy. <i>Physical Review Letters</i> , 2000, 85, 3930-3933.	7.8	46
56	Coverage dependent organic-metal interaction studied by high-resolution core level spectroscopy: SnPc (sub)monolayers on Ag(111). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 174, 59-64.	1.7	45
57	Electronic and geometric structure of the PTCDA/Ag(110) interface probed by angle-resolved photoemission. <i>Physical Review B</i> , 2012, 86, .	3.2	45
58	NanoESCA: imaging UPS and XPS with high energy resolution. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 1179-1182.	1.7	44
59	Angle resolved photoemission from organic semiconductors: orbital imaging beyond the molecular orbital interpretation. <i>New Journal of Physics</i> , 2014, 16, 103005.	2.9	44
60	Momentum-resolved hidden-order gap reveals symmetry breaking and origin of entropy loss in URu2Si2. <i>Nature Communications</i> , 2014, 5, 4326.	12.8	44
61	Work function studies of rare-gas/noble metal adsorption systems using a Kelvin probe. <i>Physical Review B</i> , 2006, 73, .	3.2	42
62	RIXS investigations of liquids, solutions, and liquid/solid interfaces. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013, 188, 111-120.	1.7	42
63	Systematics of electronic and magnetic properties in the transition metal doped $Sb_{2-x}Mn_x$ quantum anomalous Hall platform. <i>Physical Review B</i> , 2018, 97, .		
64	Submonolayer growth of H ₂ -phthalocyanine on Ag(111). <i>Physical Review B</i> , 2012, 86, .	3.2	41
65	Metal Complexity in Intrinsic Magnetic Topological Insulators MnBi ₄ and $MnBi_{4-x}Sb_x$. <i>Physical Review Letters</i> , 2021, 126, 176403.	7.8	41
66	Systematic studies on surface modifications by ARUPS on Shockley-type surface states. <i>Surface Science</i> , 2006, 600, 3870-3874.	1.9	40
67	Surface versus bulk contributions to the Rashba splitting in surface systems. <i>Physical Review B</i> , 2011, 83, .	3.2	40
68	Angle-resolved photoemission of quasi-one-dimensional metals: Evidence for Luttinger liquid behavior. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 76, 121-126.	1.7	37
69	Electron-Phonon Coupling and its Evidence in the Photoemission Spectra of Lead. <i>Physical Review Letters</i> , 2003, 91, 186406.	7.8	37
70	Perpendicular Emission, Dichroism, and Energy Dependence in Angle-Resolved Photoemission: The Importance of The Final State. <i>Physical Review Letters</i> , 2016, 117, 183001.	7.8	37
71	Electronic structure of ultrathin heteromolecular organic-metal interfaces: SnPc/PTCDA/Ag(111) and SnPc/Ag(111). <i>Physical Review B</i> , 2010, 82, .	3.2	36
72	Influence of reconstruction on the surface state of Au(110). <i>Physical Review B</i> , 2008, 78, .	3.2	35

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73	Electronic structure at the perylene-tetracarboxylic acid dianhydride/Ag(111) interface studied with two-photon photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2009, 131, 144701.	3.0	35
74	Connection of a Topological Surface State with the Bulk Continuum in Sb_2Te_3 . <i>Physical Review B</i> , 2016, 94, 041407.	7.8	35
75	Photoelectron spectroscopy of Sb_2Te_3 . <i>Physical Review B</i> , 2016, 94, 041407.	3.2	35
76	Photoelectron spectroscopy – An overview. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 547, 8-23.	1.6	34
77	Signature of Quantum Criticality in Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2008, 101, 266404.	7.8	33
78	Different views on the electronic structure of nanoscale graphene: aromatic molecule versus quantum dot. <i>New Journal of Physics</i> , 2012, 14, 113008.	2.9	33
79	Adsorption geometry and electronic structure of iron phthalocyanine on Ag surfaces: A LEED and photoelectron momentum mapping study. <i>Surface Science</i> , 2014, 621, 64-68.	1.9	33
80	Orbital-Driven Rashba Effect in a Binary Honeycomb Monolayer AgTe. <i>Physical Review Letters</i> , 2020, 124, 176401.	7.8	33
81	Single Dirac cone on the Cs-covered topological insulator surface Sb_2Te_3 . <i>Physical Review B</i> , 2012, 86, 041407.	3.2	30
82	Lateral band formation and hybridization in molecular monolayers: NTCDA on Ag(110) and Cu(100). <i>Physical Review B</i> , 2013, 88, .	3.2	30
83	Electron-Vibration Coupling in Molecular Materials: Assignment of Vibronic Modes from Photoelectron Momentum Mapping. <i>Physical Review Letters</i> , 2016, 116, 147601.	7.8	30
84	Electronic Structure of YbB6: Is it a Topological Insulator or Not?. <i>Physical Review Letters</i> , 2016, 116, 116401.	7.8	30
85	Electronic structure systematics of 3d transition metal oxides. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998, 96, 179-186.	1.7	29
86	Electronic structure of CeNi2Ge2 investigated by angle-resolved photoemission and density-functional calculations. <i>Physical Review B</i> , 2001, 64, .	3.2	29
87	Ion-Solvation-Induced Molecular Reorganization in Liquid Water Probed by Resonant Inelastic Soft X-ray Scattering. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 4143-4148.	4.6	29
88	Strong Linear Dichroism in Spin-Polarized Photoemission from Spin-Orbit-Coupled Surface States. <i>Physical Review Letters</i> , 2017, 119, 106401.	7.8	29
89	Structure and transport in multi-orbital Kondo systems. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003, 18, 69-72.	2.7	28
90	The Shockley-type surface state on Ar covered Au(111): High resolution photoemission results and the description by slab-layer DFT calculations. <i>Surface Science</i> , 2007, 601, 5595-5604.	1.9	28

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91	Low-energy scale excitations in the spectral function of organic monolayer systems. Physical Review B, 2012, 85, .	3.2	28
92	Comparative analysis of the energy levels of planar and core-twisted perylene bisimides in solution and solid state by UV/VIS, CV, and UPS/IPES. Applied Physics A: Materials Science and Processing, 2012, 108, 629-637.	2.3	27
93	Titanium Dioxide Nanoparticles: Synthesis, X-Ray Line Analysis and Chemical Composition Study. Materials Research, 2016, 19, 1319-1323.	1.3	27
94	Preservation of pristine Bi ₂ Te ₃ thin film topological insulator surface after <i>in situ</i> mechanical removal of Te capping layer. APL Materials, 2016, 4, 106107.	5.1	27
95	The electron-phonon self-energy of metallic systems determined by angular resolved high-resolution photoemission. Physica B: Condensed Matter, 2004, 351, 229-234.	2.7	26
96	X-ray photoemission of YbInCu ₄ . Physical Review B, 2005, 71, .	3.2	26
97	Coherent Heavy Quasiparticles in a $CePt_5$ Surface Alloy. Physical Review Letters, 2011, 106, 186407.	1.6	26
98	Adsorbate-substrate charge transfer and electron-hole correlation at adsorbate/metal interfaces. Physical Review B, 2012, 85, .	3.2	25
99	CuPc/Au(1 1 0): Determination of the azimuthal alignment by a combination of angle-resolved photoemission and density functional theory. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 293-300.	1.7	25
100	Commensurism at electronically weakly interacting phthalocyanine/PTCDA heterointerfaces. Physical Review B, 2015, 91, .	3.2	25
101	Enhancing and reducing the Rashba-splitting at surfaces by adsorbates: Na and Xe on Bi/Cu(111). New Journal of Physics, 2013, 15, 115011.	2.9	24
102	A combined experimental and theoretical study of Rashba-split surface states on the $(\sqrt{3}\times\sqrt{3})R\bar{1}2_1$ Bi ₂ Te ₃ surface. Physical Review B, 2014, 89, 041407.	2.9	24
103	Building Block Picture of the Electronic Structure of Aqueous Cysteine Derived from Resonant Inelastic Soft X-ray Scattering. Journal of Physical Chemistry B, 2014, 118, 13142-13150.	2.6	24
104	Defect and structural imperfection effects on the electronic properties of BiTe ₃ surfaces. New Journal of Physics, 2014, 16, 075013.	2.9	23
105	Molecular beam epitaxy of antiferromagnetic (MnBi ₂ Te ₄)(Bi ₂ Te ₃) thin films on BaF ₂ (111). Journal of Applied Physics, 2020, 128, .	2.5	23
106	Unveiling the orbital texture of 1T-TiTe ₂ using intrinsic linear dichroism in multidimensional photoemission spectroscopy. Npj Quantum Materials, 2021, 6, .	5.2	23
107	About the stability of noble-metal surfaces during VUV-photoemission experiments. Surface Science, 2003, 543, 47-56.	1.9	22
108	Importance of surface states on the adsorption properties of noble metal surfaces. Physical Review B, 2008, 78, .	3.2	22

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109	Band bending at the P3HT/ITO interface studied by photoelectron spectroscopy. <i>Organic Electronics</i> , 2014, 15, 1552-1556.	2.6	22
110	Orbital Fingerprint of Topological Fermi Arcs in the Weyl Semimetal TaP. <i>Physical Review Letters</i> , 2019, 122, 116402.	7.8	22
111	Comparing magnetic ground-state properties of the V- and Cr-doped topological insulator Bi_2Te_3 . <i>Physical Review B</i> , 2020, 101, .	3.2	21
112	Shockley state in epitaxial Ag films on Au(111). <i>Surface Science</i> , 2004, 566-568, 520-525.	1.9	21
113	Termination-dependent surface properties in the giant-Rashba semiconductors BiTeX .	3.2	21
114	Electronic structure of epitaxial thin films of bay-substituted perylene bisimide dyes. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 285-290.	2.3	20
115	Time-resolved measurements of electron transfer processes at the PTCDA/Ag(111) interface. <i>European Physical Journal B</i> , 2010, 75, 23-30.	1.5	20
116	Investigation of the Ionic Hydration in Aqueous Salt Solutions by Soft X-ray Emission Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7687-7695.	2.6	20
117	Improving performance by Na doping of a buffer layer – chemical and electronic structure of the $\text{In}_x\text{S}_y\text{:Na/CuIn(S,Se)}_2$ thin-film solar cell interface. <i>Progress in Photovoltaics: Research and Applications</i> , 2018, 26, 359-366.	8.1	20
118	Momentum-space signatures of Berry flux monopoles in the Weyl semimetal TaAs. <i>Nature Communications</i> , 2021, 12, 3650.	12.8	20
119	Site-specific electronic structure of imidazole and imidazolium in aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 8302-8310.	2.8	19
120	Rubidium Fluoride Post-Deposition Treatment: Impact on the Chemical Structure of the Cu(In,Ga)Se_2 Surface and CdS/Cu(In,Ga)Se_2 Interface in Thin-Film Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37602-37608.	8.0	19
121	The electronic structure of KMnO_4 investigated by photoemission and electron-energy-loss spectroscopy. <i>European Physical Journal B</i> , 1994, 94, 431-438.	1.5	18
122	3s- and 3p-core level excitations in 3d-transition metal oxides from electron-energy-loss spectroscopy. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1995, 99, 479-490.	1.1	18
123	Reply to "Comment on "Photoemission experiments on YbInCu_4 : Surface effects and temperature dependence". <i>Physical Review B</i> , 2001, 63, .	3.2	18
124	Effect of rare-gas adsorption on the spin-orbit split bands of a surface alloy: Xe on Ag(111)- $\sqrt{3}\sqrt{3}$ - $\sqrt{3}\sqrt{3}$ -R 30° . <i>Physical Review B</i> , 2008, 77, .	3.2	18
125	Characterization of ultra-thin organic hetero-interfaces $\text{SnPc/PTCDA/Ag(111)}$. <i>Surface Science</i> , 2010, 604, 1619-1622.	1.9	18
126	4D texture of circular dichroism in soft-x-ray photoemission from tungsten. <i>New Journal of Physics</i> , 2019, 21, 013017.	2.9	18

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127	Annealing-Induced Effects on the Chemical Structure of the $\text{In}_{2-x}\text{S}_3/\text{CuIn}(\text{S,Se})_2$ Thin-Film Solar Cell Interface. Journal of Physical Chemistry C, 2015, 119, 10412-10416.	3.1	17
128	The electronic structure of NiO investigated by photoemission spectroscopy. Solid State Communications, 1991, 80, 869-873.	1.9	16
129	High-resolution angle-resolved photoemission investigation of the electronic structure of Cr-intercalated $1\text{T}'\text{Te}_2$. Physical Review B, 2005, 72, .	3.2	16
130	Electronic band structure and ensemble effect in monolayers of linear molecules investigated by photoelectron spectroscopy. Physical Review B, 2009, 79, .	3.2	16
131	Impact of environmental conditions on the chemical surface properties of $\text{Cu}(\text{In,Ga})(\text{S,Se})_2$ thin-film solar cell absorbers. Journal of Applied Physics, 2014, 115, .	2.5	16
132	Isotope Effects in the Resonant Inelastic Soft X-ray Scattering Maps of Gas-Phase Methanol. Journal of Physical Chemistry A, 2016, 120, 2260-2267.	2.5	16
133	Echo of the quantum phase transition of CeCu_6 . XPS: Breakdown of Kondo screening. Physical Review B, 2009, 79, .	3.2	15
134	Electronic localization of quantum-well states in $\text{Ag}/\text{Au}(111)$ metallic heterostructures. Physical Review B, 2011, 84, .	3.2	15
135	Structural properties and x-ray photoelectron spectroscopic study of SnO_2 nanoparticles. Materials Letters, 2012, 85, 168-170.	2.6	15
136	Molecular orbital imaging beyond the first monolayer: Insights into the pentacene/ $\text{Ag}(110)$ interface. Physical Review B, 2018, 98, .	3.2	15
137	Chemical and valence reconstruction at the surface of SmB_6 by means of resonant soft x-ray reflectometry. Physical Review B, 2018, 97, .	3.2	15
138	Incipient antiferromagnetism in the Eu-doped topological insulator $\text{Bi}_2\text{Te}_2\text{Se}$. Physical Review B, 2020, 102, .	2.2	15
139	Evolution of a symmetry gap and synergetic quantum well states in ultrathin Ag films on $\text{Au}(111)$ substrates. Europhysics Letters, 2007, 78, 57003.	2.0	14
140	Electronic structure and morphology of epitaxial $\text{Bi}_2\text{Te}_2\text{Se}$ topological insulator films. Journal of Applied Physics, 2014, 116, 193708.	2.5	14
141	Valence characterisation of the subsurface region in. Philosophical Magazine, 2016, 96, 3307-3321.	1.6	14
142	X-ray Emission Spectroscopy of Proteinogenic Amino Acids at All Relevant Absorption Edges. Journal of Physical Chemistry B, 2017, 121, 6549-6556.	2.6	14
143	Comment on "Temperature dependence of electronic states in $(\text{TaSe}_4)_2\text{I}$ ". Physical Review B, 1997, 56, 12643-12646.	3.2	13
144	Lifetime of holes and electrons at metal surfaces; electron-phonon coupling. Journal of Electron Spectroscopy and Related Phenomena, 2003, 129, 97-104.	1.7	13

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145	Importance of many-body effects to the spectral function of TaTe_2 . Physical Review B, 2006, 73, .	3.2	13
146	Photoelectron spin polarization in the Bi_2Te_3 topological insulator: Initial- and final-state effects in the photoemission process. Physical Review B, 2016, 93, .	3.2	13
147	Ultrafast orbital tomography of a pentacene film using time-resolved momentum microscopy at a FEL. Nature Communications, 2022, 13, 2741.	12.8	13
148	Setup for in situ investigation of gases and gas/solid interfaces by soft x-ray emission and absorption spectroscopy. Review of Scientific Instruments, 2014, 85, 015119.	1.3	12
149	Fast epitaxy of Au and Ag on WSe_2 . Surface Science, 1999, 432, 95-100.	1.9	11
150	Comment on "Fermi Gap Stabilization of an Incommensurate Two-Dimensional Superstructure". Physical Review Letters, 2006, 96, 029701; discussion 029702.	7.8	11
151	Direct determination of the band alignment at the $(\text{Zn,Mg})\text{O}/\text{ClSe}$ interface. Applied Physics Letters, 2011, 98, .	3.3	11
152	Band-Gap Widening at the $\text{Cu}(\text{In,Ga})(\text{S,Se})_2$ Surface: A Novel Determination Approach Using Reflection Electron Energy Loss Spectroscopy. ACS Applied Materials & Interfaces, 2016, 8, 21101-21105.	8.0	11
153	Acceptors in Li doped NiO. European Physical Journal B, 1992, 88, 247-248.	1.5	10
154	Direct Observation of the Thermal Decomposition of Ligand-Stabilized Clusters. Journal of Physical Chemistry B, 2002, 106, 10301-10305.	2.6	10
155	Photoemission spectroscopy across the semiconductor-to-metal transition in FeSi. New Journal of Physics, 2009, 11, 023026.	2.9	10
156	Electron-hole correlation effects in core-level spectroscopy probed by the resonant inelastic soft x-ray scattering map of C_{60} . Journal of Chemical Physics, 2011, 135, 104705.	3.0	10
157	Non-equivalent carbon atoms in the resonant inelastic soft X-ray scattering map of cysteine. Journal of Chemical Physics, 2013, 138, 034306.	3.0	10
158	The geometric and electronic structure of TCNQ and TCNQ+Mn on $\text{Ag}(001)$ and $\text{Cu}(001)$ surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 125-131.	1.7	10
159	Local electronic structure of the peptide bond probed by resonant inelastic soft X-ray scattering. Physical Chemistry Chemical Physics, 2019, 21, 13207-13214.	2.8	10
160	Incorporation of Europium in Bi_2Te_3 Topological Insulator Epitaxial Films. Journal of Physical Chemistry C, 2020, 124, 16048-16057.	3.1	10
161	The electronic structure of KMnO_4 investigated by resonant photoemission. Zeitschrift für Physik B-Condensed Matter, 1995, 99, 229-234.	1.1	9
162	Evidence of momentum-dependent hybridization in Ce_2Te_3 . Physical Review B, 2014, 89, .	3.4	9

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163	Plane-wave final state for photoemission from nonplanar molecules at a metal-organic interface. <i>Physical Review B</i> , 2020, 101, .	3.2	9
164	Spatial Control of Charge Doping in n-Type Topological Insulators. <i>Nano Letters</i> , 2021, 21, 4415-4422.	9.1	9
165	Interplay of electronic structure and atomic ordering on surfaces: Momentum-resolved measurements of Cs atoms adsorbed on a Ag(111) substrate. <i>Physical Review B</i> , 2012, 85, .	3.2	8
166	Core Hole-Electron Correlation in Coherently Coupled Molecules. <i>Physical Review Letters</i> , 2013, 111, 048102.	7.8	8
167	Non-local effect of impurity states on the exchange coupling mechanism in magnetic topological insulators. <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	8
168	Quantitative analysis of the surface reconstruction induced band-gap in the Shockley state on monolayer systems on noble metals. <i>Surface Science</i> , 2006, 600, 3865-3869.	1.9	7
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