

Oliver Rader

List of Publications by Year in descending order

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papers

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53789

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83
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180
all docs

180
docs citations

180
times ranked

7725
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic and Magnetic Properties of Quasifreestanding Graphene on Ni. Physical Review Letters, 2008, 101, 157601.	7.8	596
2	Hedgehog spin texture and Berry's phase tuning in a magnetic topological insulator. Nature Physics, 2012, 8, 616-622.	16.7	353
3	Giant Rashba splitting in graphene due to hybridization with gold. Nature Communications, 2012, 3, 1232.	12.8	330
4	Core-level photoemission study of Ga _{1-x} Mn _x As. Physical Review B, 1998, 58, R4211-R4214.	3.2	276
5	Exchange split quantum well states of a noble metal film on a magnetic substrate. Physical Review Letters, 1993, 71, 2805-2808.	7.8	195
6	Focus on the Rashba effect. New Journal of Physics, 2015, 17, 050202.	2.9	190
7	Large magnetic gap at the Dirac point in Bi ₂ Te ₃ /MnBi ₂ Te ₄ heterostructures. Nature, 2019, 576, 423-428.	27.8	189
8	Tolerance of Topological Surface States towards Magnetic Moments: Fe on Bi ₂ Se ₃ . Physical Review Letters, 2012, 108, 256810.	7.8	181
9	Structural and electronic properties of graphite layers grown on SiC(0001). Surface Science, 2006, 600, 3906-3911.	1.9	178
10	Effect of noble-metal contacts on doping and band gap of graphene. Physical Review B, 2010, 82, .	3.2	171
11	Ir(111) Surface State with Giant Rashba Splitting Persists under Graphene in Air. Physical Review Letters, 2012, 108, 066804.	7.8	157
12	Giant Rashba-type Spin Splitting in Ferroelectric GeTe(111). Advanced Materials, 2016, 28, 560-565.	21.0	155
13	Graphene grown on Co(0001) films and islands: Electronic structure and its precise magnetization dependence. Physical Review B, 2009, 80, .	3.2	142
14	Is There a Rashba Effect in Graphene on d-Ferromagnets?. Physical Review Letters, 2009, 102, 057602.	7.8	131
15	Angle-resolved photoemission study of Ga _{1-x} Mn _x As. Physical Review B, 2001, 64, .	3.2	122
16	Negligible Surface Reactivity of Topological Insulators Bi ₂ Se ₃ and Bi ₂ Te ₃ towards Oxygen and Water. ACS Nano, 2013, 7, 5181-5191.	14.6	118
17	Observation of quantum-tunnelling-modulated spin texture in ultrathin topological insulator Bi ₂ Se ₃ films. Nature Communications, 2014, 5, 3841.	12.8	112
18	Strength of Correlation Effects in the Electronic Structure of Iron. Physical Review Letters, 2009, 103, 267203.	7.8	107

#	ARTICLE	IF	CITATIONS
19	Nonmagnetic band gap at the Dirac point of the magnetic topological insulator $(\text{Bi}_{1-x}\text{Mn}_x)_2\text{Se}_3$. Nature Communications, 2016, 7, 10559.	12.8	102
20	Formation of a ferromagnetic silicide at the Fe/Si(100) interface. Physical Review B, 1997, 56, 10801-10804.	3.2	99
21	Electronic structure of two-dimensional magnetic alloys: $c(2\sqrt{2})$ Mn on Cu(100) and Ni(100). Physical Review B, 1997, 55, 5404-5415.	3.2	90
22	Extremely flat band in bilayer graphene. Science Advances, 2018, 4, eaau0059.	10.3	89
23	Contrasting behavior of homovalent-substituted and hole-doped systems: OK-edge spectra from $\text{LaNi}_{1-x}\text{M}_x\text{O}_3$ (M=Mn, Fe, and Co) and $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. Physical Review B, 1994, 49, 14238-14243.	3.2	80
24	Probing two topological surface bands of $\text{Sb}_{2-x}\text{Te}_x$ by spin-polarized photoemission spectroscopy. Physical Review B, 2012, 86, .	3.2	78
25	Origin of Spin-Orbit Splitting for Monolayers of Au and Ag on W(110) and Mo(110). Physical Review Letters, 2008, 100, 057601.	7.8	77
26	Reversal of the Circular Dichroism in Angle-Resolved Photoemission from Bi_2Te_3 . Physical Review Letters, 2013, 110, 216801.	7.8	77
27	Fe-induced magnetization of Pd: The role of modified Pd surface states. Physical Review Letters, 1994, 72, 2247-2250.	7.8	76
28	Disorder Effects in Electronic Structure of Substituted Transition Metal Compounds. Physical Review Letters, 1998, 80, 4004-4007.	7.8	76
29	Experimental and theoretical study of the morphology of commensurate and incommensurate graphene layers on Ni single-crystal surfaces. Physical Review B, 2008, 78, .	3.2	76
30	Photoemission of Bi_2Te_3 under Circularly Polarized Light: Probe of Spin Polarization or Means for Spin Manipulation?. Physical Review X, 2014, 4, .	8.9	76
31	Samarium hexaboride is a trivial surface conductor. Nature Communications, 2018, 9, 517.	12.8	76
32	Electronic states and magnetism of monatomic Co and Cu wires. Physical Review B, 2000, 61, R5133-R5136.	3.2	73
33	Growth, Structure, and Electronic Properties of Epitaxial Bismuth Telluride Topological Insulator Films on BaF_2 (111) Substrates. Crystal Growth and Design, 2013, 13, 3365-3373.	3.0	70
34	$\text{Mn}_{1-x}\text{Bi}_x\text{Sb}_2\text{Te}_4$: A Topological Insulator with Magnetic Gap Closing at High Curie Temperatures of $45 \leq T_C \leq 50$ K. Advanced Materials, 2021, 33, e2102935.	21.0	70
35	Quantum Cavity for Spin due to Spin-Orbit Interaction at a Metal Boundary. Physical Review Letters, 2008, 101, 256601.	7.8	63
36	Band Renormalization of Blue Phosphorus on Au(111). Nano Letters, 2018, 18, 6672-6678.	9.1	63

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37	Quantum size effects and the enhancement of the exchange splitting in ultrathin Co overlayers on Cu (100). Solid State Communications, 1992, 81, 739-744.	1.9	61
38	Ultrafast spin-polarization control of Dirac fermions in topological insulators. Physical Review B, 2016, 93, .	3.2	61
39	Effects of spin-dependent quasiparticle renormalization in Fe, Co, and Ni photoemission spectra: An experimental and theoretical study. Physical Review B, 2012, 85, .	3.2	60
40	Induced spin-orbit splitting in graphene: the role of atomic number of the intercalated metal and d hybridization. New Journal of Physics, 2013, 15, 013016.	2.9	59
41	Intact Dirac Cones at Broken Sublattice Symmetry: Photoemission Study of Graphene on Ni and Co. Physical Review X, 2012, 2, .	8.9	57
42	2D layered transport properties from topological insulator Bi ₂ Se ₃ single crystals and micro flakes. Scientific Reports, 2016, 6, 27483.	3.3	55
43	Magnetic circular x-ray dichroism of submonolayer Mn on Fe(100). Physical Review B, 1997, 56, 5053-5056.	3.2	49
44	Quantum well states of s - and d -character in thin Au overlayers on W(110). Physical Review B, 2002, 65, .	3.2	48
45	Tunable Fermi level and hedgehog spin texture in gapped graphene. Nature Communications, 2015, 6, 7610.	12.8	48
46	Spin mapping of surface and bulk Rashba states in ferroelectric Bi_2Te_3 films. Physical Review B, 2016, 94, .	3.2	46
47	Probing the Ground State Electronic Structure of a Correlated Electron System by Quantum Well States: Ag/Ni(111). Physical Review Letters, 2005, 95, 247601.	7.8	45
48	Exchange-dependent hybridization at the Pd-Fe interface. Physical Review B, 1992, 45, 13823-13826.	3.2	44
49	Deposition of topological insulator Sb ₂ Te ₃ films by an MOCVD process. Journal of Materials Chemistry A, 2014, 2, 8215.	10.3	44
50	Surface Fermi arc connectivity in the type-II Weyl semimetal candidate WTe_2 . Physical Review B, 2016, 94, .	3.2	44
51	Giant Rashba Splitting in $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ (111) Topological Crystalline Insulator Films Controlled by Bi Doping in the Bulk. Advanced Materials, 2017, 29, 1604185.	21.0	44
52	Surface magnetism of Gd(0001) films: Evidence for an unexpected phase transition. Physical Review B, 1993, 48, 7731-7734.	3.2	43
53	Resonant photoemission of $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ at the Mn Ledge. Physical Review B, 2004, 69, .	3.2	42
54	Negative Longitudinal Magnetoresistance from the Anomalous $N=0$ Landau Level in Topological Materials. Physical Review Letters, 2017, 119, 106602.	7.8	42

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55	Highly spin-polarized Dirac fermions at the graphene/Co interface. <i>Physical Review B</i> , 2015, 91, .	3.2	41
56	Quantitative determination of spin-dependent quasiparticle lifetimes and electronic correlations in hcp cobalt. <i>Physical Review B</i> , 2010, 82, .	3.2	40
57	Spin splitting of Dirac fermions in aligned and rotated graphene on Ir(111). <i>Physical Review B</i> , 2013, 87, .	3.2	38
58	Electronic structure of Ga _{1-x} MnxAs studied by angle-resolved photoemission spectroscopy. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 10, 192-195.	2.7	36
59	Chemical vapour deposition of graphene on Ni(111) and Co(0001) and intercalation with Au to study Dirac-cone formation and Rashba splitting. <i>Diamond and Related Materials</i> , 2010, 19, 734-741.	3.9	36
60	Exchange-split electronic states of ultrathin Co layers on Cu(111). <i>Physical Review B</i> , 1994, 50, 17496-17501.	3.2	35
61	Correlation satellite driven by reduced dimensionality. <i>Europhysics Letters</i> , 1997, 39, 429-434.	2.0	35
62	Structure and quantum-size effects in a surface carbide: W(110)-C(15Å-3). <i>Physical Review B</i> , 2005, 72, .	3.2	34
63	Anisotropic effect of warping on the lifetime broadening of topological surface states in angle-resolved photoemission from Bi ₂ Te ₃ . <i>Physical Review B</i> , 2014, 90, .	3.2	34
64	Spin-resolved photoemission study of the clean and oxygen-covered Fe(110) surface. <i>Physical Review B</i> , 1993, 48, 285-288.	3.2	32
65	Spin-dependent electron scattering in ferromagnetic Co layers on Cu(111). <i>Physical Review B</i> , 1995, 52, 13497-13503.	3.2	32
66	Observation of Hubbard bands in \hat{t}^3 -manganese. <i>JETP Letters</i> , 2004, 80, 612-615.	1.4	31
67	Topological quantum phase transition from mirror to time reversal symmetry protected topological insulator. <i>Nature Communications</i> , 2017, 8, 968.	12.8	31
68	Topology of spin polarization of the 5d states on W(110) and Al/W(110) surfaces. <i>Physical Review B</i> , 2012, 86, .	3.2	30
69	Spin-polarized surface states of Fe(100). <i>Physical Review B</i> , 1993, 47, 13051-13054.	3.2	29
70	Atomic-orbital analysis of the Cu Fermi surface by two-dimensional photoelectron spectroscopy. <i>Physical Review B</i> , 2005, 72, .	3.2	29
71	Minigap isotropy and broken chirality in graphene with periodic corrugation enhanced by cluster superlattices. <i>Physical Review B</i> , 2012, 85, .	3.2	29
72	Structure and electron correlation of Mn on Ni(110). <i>Physical Review B</i> , 2001, 64, .	3.2	28

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73	Large spin-orbit splitting in light quantum films: Al/W(110). Physical Review B, 2010, 82, .	3.2	28
74	Evidence for topological band inversion of the phase change material Ge ₂ Sb ₂ Te ₅ . Applied Physics Letters, 2013, 103, .	3.3	28
75	Rapid Surface Oxidation of Sb ₂ Te ₃ as Indication for a Universal Trend in the Chemical Reactivity of Tetradymite Topological Insulators. Chemistry of Materials, 2016, 28, 8916-8923.	6.7	27
76	Atomic structure of $\text{Bi}_{2\text{Te}}_{2\text{Te}}$ surfaces probed by photoelectron diffraction and holography. Physical Review B, 2015, 91, .	3.2	26
77	Spin-resolved-photoemission-spectroscopy study of the giant resonance in Gd overlayers on Fe(100). Physical Review B, 1992, 45, 7267-7271.	3.2	25
78	Temperature dependence of the magnetic circular dichroism of the $\text{c}(2\sqrt{2})\text{Mn}/\text{Ni}$ (100) surface alloy. Physical Review B, 1996, 54, 15352-15355.	3.2	25
79	Surface phonon and valence band dispersions in graphite overlayers formed by solid-state graphitization of $\text{6H}\sqrt{3}\times\sqrt{3}\text{SiC}$ (0001). Physical Review B, 2004, 70, .	3.2	25
80	Quantum well states in Ni/Cu/Ni spin valve structures. Applied Physics Letters, 1995, 67, 1151-1153.	3.3	24
81	Atmospheric stability and doping protection of noble-metal intercalated graphene on Ni(111). Applied Physics Letters, 2011, 98, 122111.	3.3	24
82	Rashba splitting of 100 meV in Au-intercalated graphene on SiC. Applied Physics Letters, 2016, 108, .	3.3	24
83	One-Dimensional Spin-Polarized Quantum-Wire States in Au on Ni(110). Physical Review Letters, 2000, 85, 2561-2564.	7.8	23
84	Magnetization-dependent Rashba splitting of quantum well states at the Co/W interface. Physical Review B, 2015, 91, .	3.2	23
85	Laser-induced persistent photovoltage on the surface of a ternary topological insulator at room temperature. Applied Physics Letters, 2017, 110, .	3.3	23
86	Correlated Electrons Step by Step: Itinerant-to-Localized Transition of Fe Impurities in Free-Electron Metal Hosts. Physical Review Letters, 2010, 104, 117601.	7.8	22
87	Spin splitting of Dirac fermions in graphene on Ni intercalated with alloy of Bi and Au. Carbon, 2015, 93, 984-996.	10.3	22
88	Spin-polarized photoemission from quantum well and interface states (invited). Journal of Applied Physics, 1994, 76, 6966-6971.	2.5	21
89	Electronic Structure of Carbon Nanostripes. Physical Review Letters, 2003, 90, 256803.	7.8	21
90	Nanostructural origin of giant Rashba effect in intercalated graphene. 2D Materials, 2017, 4, 035010.	4.4	21

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91	Two-dimensional spin-polarized states of Ag on Fe(100). Physical Review B, 1995, 51, 12418-12424.	3.2	20
92	The role of the covalent interaction in the formation of the electronic structure of Au- and Cu-intercalated graphene on Ni(111). Physics of the Solid State, 2011, 53, 2539-2544.	0.6	19
93	Tilted Dirac cone on W(110) protected by mirror symmetry. Physical Review B, 2017, 95, .	3.2	19
94	Angle-resolved-photoemission study of the electronic structure of Gd(0001). Physical Review B, 1993, 47, 13899-13902.	3.2	18
95	Imaging Buried Molecules: Fullerenes Under Graphene. Advanced Materials, 2010, 22, 3307-3310.	21.0	18
96	Intact Dirac cone of Bi ₂ Te ₃ covered with a monolayer Fe. Physica Status Solidi - Rapid Research Letters, 2013, 7, 139-141.	2.4	18
97	Exchange splittings of Mn- and Sb-derived states by spin-resolved valence-band photoemission of MnSb. Physical Review B, 1998, 57, R689-R692.	3.2	17
98	Photoemission from Stepped W(110): Initial or Final State Effect?. Physical Review Letters, 2004, 93, 146802.	7.8	17
99	Valence-band splitting in Mg _W on W(110): Neither spin-orbit nor parity effect. Physical Review B, 2007, 76, .	3.2	17
100	Induced Rashba splitting of electronic states in monolayers of Au, Cu on a W(110) substrate. New Journal of Physics, 2013, 15, 095005.	2.9	17
101	High-temperature quantum oscillations of the Hall resistance in bulk Bi ₂ Se ₃ . Scientific Reports, 2018, 8, 485.	3.3	17
102	Absence of a giant Rashba effect in the valence band of lead halide perovskites. Physical Review B, 2020, 102, .	3.2	17
103	Evolution of the electronic structure in epitaxial Co, Ni, and Cu films. Physical Review B, 2001, 63, .	3.2	16
104	Mapping the band structure of GeSbTe phase change alloys around the Fermi level. Communications Physics, 2018, 1, .	5.3	16
105	Quantum oscillations and Dirac dispersion in the BaZnBi ₂ semimetal guaranteed by local Zn vacancy order. Physical Review B, 2018, 97, .	3.2	16
106	Anomalous behavior of the electronic structure of (Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td) across the quantum phase transition from topological to triv. Physical Review B, 2018, 98, .	3.2	16
107	Investigation of hole-doped insulating La _{1-x} Sr _x CrO ₃ by soft-x-ray absorption spectroscopy. Physical Review B, 1996, 53, 13369-13373.	3.2	15
108	Origin of Au nanostructures on tungsten surface carbides. Physical Review B, 2008, 77, .	3.2	15

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109	Atomic and Electronic Structure of a Multidomain GeTe Crystal. ACS Nano, 2020, 14, 16576-16589.	14.6	15
110	Giant Magnetic Band Gap in the Rashba-Split Surface State of Vanadium-Doped BiTeI: A Combined Photoemission and Ab Initio Study. Scientific Reports, 2017, 7, 3353.	3.3	14
111	Contrast Reversal in Scanning Tunneling Microscopy and Its Implications for the Topological Classification of SmB_6 . Advanced Materials, 2020, 32, e1906725.	21.0	14
112	QUANTUM-WELL STATES OF sp AND d CHARACTER IN ULTRATHIN EPITAXIAL Ag AND Au FILMS ON W(110). Surface Review and Letters, 2002, 09, 1375-1378.	1.1	12
113	Substrate-induced spin-orbit splitting of quantum-well and interface states in Au, Ag, and Cu layers of different thicknesses on W(110) and Mo(110) surfaces. Physics of the Solid State, 2010, 52, 1515-1525.	0.6	12
114	Theoretical limitations to the determination of bandwidth and electron mass renormalization: the case of ferromagnetic iron. New Journal of Physics, 2010, 12, 013007.	2.9	12
115	Structure Inversion Asymmetry and Rashba Effect in Quantum Confined Topological Crystalline Insulator Heterostructures. Advanced Functional Materials, 2021, 31, 2008885.	14.9	12
116	Parallel, antiparallel and no magnetic coupling in submonolayer Mn on Fe(110). Europhysics Letters, 1999, 46, 231-237.	2.0	11
117	An Elastic "Sieve" to Probe Momentum Space: Gd Chains on W(110). Physical Review Letters, 2004, 93, 256802.	7.8	11
118	Identification of extrinsic Mn contributions in $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ by field-dependent magnetic circular X-ray dichroism. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 789-792.	1.7	11
119	Spin-resolved photoemission and <i>ab initio</i> theory of graphene/SiC. Physical Review B, 2013, 88, .	3.2	11
120	Effect of structural modulation and thickness of a graphene overlayer on the binding energy of the Rashba-type surface state of Ir(111). New Journal of Physics, 2013, 15, 115009.	2.9	11
121	Is There a Polaron Signature in Angle-Resolved Photoemission of CsPbBr_3 ? Physical Review Letters, 2022, 128, 176405.	7.8	11
122	Magnetism and interlayer coupling in fcc Fe/Co films. Physical Review B, 2001, 63, .	3.2	10
123	Quantization of electronic states in a rare-earth film: $\text{Gd}/\text{W}(110)$. Physical Review B, 2001, 64, .	3.2	10
124	Spin-dependent avoided-crossing effect on quantum-well states in Al/W(110). Physical Review B, 2012, 85, .	3.2	10
125	Photoemission spectroscopy of diluted Mn in and on solids. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 21-30.	1.7	9
126	Suppression of electron scattering resonances in graphene by quantum dots. Applied Physics Letters, 2017, 111, 161605.	3.3	9

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127	Spin-resolved core-level and valence-band photoemission spectroscopy of ferromagnetic MnAs. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 383-387.	1.7	8
128	Self-organization of one-dimensional Au nanowires on a surface carbide and lateral electron quantization. Physical Review B, 2005, 72, .	3.2	8
129	Interference of spin states in resonant photoemission induced by circularly polarized light from magnetized Gd. Physical Review B, 2006, 74, .	3.2	8
130	Observation of hidden atomic order at the interface between Fe and topological insulator Bi ₂ Te ₃ . Physical Chemistry Chemical Physics, 2017, 19, 30520-30532.	2.8	8
131	Spin- and angle-resolved photoemission spectroscopy of ferromagnetic MnAs. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 207-212.	1.7	7
132	Spin-polarized surface state of MnSb(0001). New Journal of Physics, 2005, 7, 111-111.	2.9	7
133	Magnetism of Fe films grown on Co(100) studied by spin-resolved Fe 3s photoemission. Physical Review B, 2006, 73, .	3.2	7
134	Photoemission of Ga _{1-x} Mn _x As with high Curie temperature and transformation into MnAs of zincblende structure. Physica Status Solidi (B): Basic Research, 2009, 246, 1435-1439.	1.5	7
135	Magic numbers in two-dimensional self-organization of C ₆₀ molecules. Physical Review B, 2006, 73, .	3.2	6
136	Fabrication of patterned Au films as supporting templates for one-dimensional magnetic nanostructures. Physical Review B, 2006, 74, .	3.2	6
137	Magnetization relaxation and search for the magnetic gap in bulk-insulating V-doped (Bi, Sb) ₂ Te ₃ . Applied Physics Letters, 2021, 119, .	3.3	6
138	Topological band crossings in epitaxial strained SnTe. Physical Review Materials, 2019, 3, .	2.4	6
139	Exchange splitting in ultrathin Fe films deposited on Ag(100). Solid State Communications, 1995, 94, 751-755.	1.9	5
140	Spin-polarized photoemission from shallow core levels in localized materials. Physical Review B, 1997, 56, R11403-R11406.	3.2	5
141	Quantum-well states in Ag/W(100) and their symmetric evolution in the atomic limit of thickness. Surface Science, 2006, 600, 2681-2687.	1.9	5
142	Apparent three-dimensional Fermi surface of transition-metal monolayers. Physical Review B, 2009, 79, .	3.2	5
143	Size effects in ultrathin Mg/W(110) films: Quantum electronic states. Physics of the Solid State, 2009, 51, 179-188.	0.6	5
144	Giant magneto-optical Faraday effect of graphene on Co in the soft x-ray range. Physical Review B, 2018, 98, .	3.2	5

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145	Search for enhanced magnetism at the interface between Bi_2Te_3 and EuSe . <i>Physical Review B</i> , 2021, 103.		
146	Enhanced surface state protection and band gap in the topological insulator $\text{PbBi}_4\text{Te}_4\text{S}_3$. <i>Physical Review Materials</i> , 2018, 2, .	2.4	5
147	Robust behavior and spin-texture stability of the topological surface state in Bi_2Se_3 upon deposition of gold. <i>Npj Quantum Materials</i> , 2022, 7, .	5.2	5
148	Growth and magnetic behavior of Pd on $\text{Fe}(100)$. <i>Surface Science</i> , 1993, 287-288, 736-740.	1.9	4
149	Quantum-well states and lateral superlattice effect in Ag and Au stripes on stepped $\text{W}(110)$. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 341-343.	1.7	4
150	Quantum-well states in a thin Ag film on a $\text{Ni}(111)$ substrate. <i>Physics of the Solid State</i> , 2006, 48, 1974-1980.	0.6	4
151	Angle-resolved photoelectron spectroscopy of geometrically nonuniform surfaces. <i>Physics of the Solid State</i> , 2007, 49, 949-957.	0.6	4
152	Quantum-size effects in the electronic structure of low-dimensional metallic systems. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 94, 449-453.	2.3	4
153	Graphene morphology on Ni single-crystal surfaces: Experimental and theoretical investigation. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009, 73, 679-682.	0.6	4
154	X-ray natural birefringence in reflection from graphene. <i>Physical Review B</i> , 2016, 94, .	3.2	4
155	Spin- and angle-resolved photoemission of face-centered tetragonal $\text{Fe/Co}(001)$. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998, 92, 45-47.	1.7	3
156	Graphene: Synthesis and features of electronic structure. <i>Nanotechnologies in Russia</i> , 2011, 6, 625-632.	0.7	3
157	Electrical Transport Properties of Vanadium-Doped $\text{Bi}_2\text{Te}_3\text{Se}_0.6$. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000088.	1.5	3
158	Surface preparation and spin-resolved photoemission of epitaxial $\text{MnSb}(0001)$ films on $\text{GaAs}(111)$. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998, 88-91, 225-228.	1.7	2
159	Oscillatory interlayer coupling mediated by $\text{fcc-Fe/Co}(100)$ films. <i>Applied Surface Science</i> , 2001, 182, 302-307.	6.1	2
160	Photoemission from surface-localized structures on vicinal surfaces: Initial- or final-state superlattice effect?. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 625-628.	1.7	2
161	Low-dimensional structures on carbon-terminated $\text{W}(110)$: from metallic nanowires to molecular chains. <i>Journal of Physics: Conference Series</i> , 2007, 61, 1221-1224.	0.4	2
162	Angle-Resolved Photoemission of Topological Matter: Examples from Magnetism, Electron Correlation, and Phase Transitions. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000371.	1.5	2

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163	Oxidation of Au on vicinal W(110): Role of step edges and facets. Physical Review B, 2007, 75, .	3.2	1
164	Analysis of the possibility of the spin-orbit origin of surface state splitting in thin Mg(0001) layers on W(110) and Mo(110). Physics of the Solid State, 2009, 51, 608-619.	0.6	1
165	Formation of spectra of quantum well states in thin Al layers on W(110). Journal of Surface Investigation, 2010, 4, 401-404.	0.5	1
166	Carbon phases on nickel surfaces. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 24-27.	0.6	1
167	Magneto-optical reflection spectroscopy on graphene/Co in the soft x-ray range. Journal of Physics: Conference Series, 2017, 903, 012025.	0.4	1
168	Origin of the band gap in Bi-intercalated graphene on Ir(111). 2D Materials, 2021, 8, 035007.	4.4	1
169	Effective mass enhancement and ultrafast electron dynamics of Au(111) surface state coupled to a quantum well. Physical Review Research, 2020, 2, .	3.6	1
170	On the problem of Dirac cones in fullerenes on gold. Nanoscale, 2022, 14, 9124-9133.	5.6	1
171	DIRECT AND RESONANT PHOTOEMISSION STUDY OF ULTRATHIN Gd ON W(110). Surface Review and Letters, 2002, 09, 1113-1116.	1.1	0
172	Publisher's Note: Correlated Electrons Step by Step: Itinerant-to-Localized Transition of Fe Impurities in Free-Electron Metal Hosts [Phys. Rev. Lett. 104 (2010), 117601]. Physical Review Letters, 2010, 104, .	7.8	0
173	PHOENEXS: System for Angle- and Spin-Resolved Photoemission at BESSY II. Journal of Large-scale Research Facilities JLSRF, 0, 4, A131.	0.0	0