

# Eli Rotenberg

## List of Publications by Year in descending order

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316  
papers

25,251  
citations

10389

72  
h-index

7348

152  
g-index

327  
all docs

327  
docs citations

327  
times ranked

21660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the Electronic Structure of Bilayer Graphene. <i>Science</i> , 2006, 313, 951-954.	12.6	3,003
2	Towards wafer-size graphene layers by atmospheric pressure graphitization of silicon carbide. <i>Nature Materials</i> , 2009, 8, 203-207.	27.5	2,396
3	Novel $J\text{eff} > 1$ State Induced by Relativistic Spin-Orbit Coupling in $\text{SrIrO}_2$ . <i>Physical Review Letters</i> , 2008, 101, 076402.	7.8	1,332
4	Quasiparticle dynamics in graphene. <i>Nature Physics</i> , 2007, 3, 36-40.	16.7	1,035
5	Interlayer Interaction and Electronic Screening in Multilayer Graphene Investigated with Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2007, 98, 206802.	7.8	678
6	Massive Dirac fermions in a ferromagnetic kagome metal. <i>Nature</i> , 2018, 555, 638-642.	27.8	544
7	Instability and Charge Density Wave of Metallic Quantum Chains on a Silicon Surface. <i>Physical Review Letters</i> , 1999, 82, 4898-4901.	7.8	543
8	Giant Faraday rotation in single- and multilayer graphene. <i>Nature Physics</i> , 2011, 7, 48-51.	16.7	521
9	Friction and Dissipation in Epitaxial Graphene Films. <i>Physical Review Letters</i> , 2009, 102, 086102.	7.8	482
10	Fluorographene: A Wide Bandgap Semiconductor with Ultraviolet Luminescence. <i>ACS Nano</i> , 2011, 5, 1042-1046.	14.6	394
11	Observation of Plasmarons in Quasi-Freestanding Doped Graphene. <i>Science</i> , 2010, 328, 999-1002.	12.6	375
12	Dirac fermions and flat bands in the ideal kagome metal FeSn. <i>Nature Materials</i> , 2020, 19, 163-169.	27.5	367
13	Extended van Hove Singularity and Superconducting Instability in Doped Graphene. <i>Physical Review Letters</i> , 2010, 104, 136803.	7.8	294
14	Fermi arcs in a doped pseudospin-1/2 Heisenberg antiferromagnet. <i>Science</i> , 2014, 345, 187-190.	12.6	261
15	Scanning tunneling spectroscopy of inhomogeneous electronic structure in monolayer and bilayer graphene on SiC. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	238
16	Evidence for a Lifshitz transition in electron-doped iron arsenic superconductors at the onset of superconductivity. <i>Nature Physics</i> , 2010, 6, 419-423.	16.7	237
17	Tunable Polaronic Conduction in Anatase $\text{TiO}_2$ . <i>Physical Review Letters</i> , 2013, 110, 196403.	7.8	237
18	Fermi Surface and Quasiparticle Dynamics of $\text{Na}_0.7\text{CoO}_2$ Investigated by Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2004, 92, 246402.	7.8	214

#	ARTICLE	IF	CITATIONS
19	K-Doping Dependence of the Fermi Surface of the Iron-Arsenic $\text{BaFe}_2\text{As}_2$ Using Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2008, 101, 177005.	7.8	214
20	Quasiparticle Transformation during a Metal-Insulator Transition in Graphene. Physical Review Letters, 2009, 103, 056404.	7.8	208
21	Topological flat bands in frustrated kagome lattice CoSn. Nature Communications, 2020, 11, 4004.	12.8	203
22	Distinct spinon and holon dispersions in photoemission spectral functions from one-dimensional SrCuO <sub>2</sub> . Nature Physics, 2006, 2, 397-401.	16.7	193
23	Trace cache: a low latency approach to high bandwidth instruction fetching. , 0, , .		186
24	Evidence for Interlayer Coupling and Moiré Periodic Potentials in Twisted Bilayer Graphene. Physical Review Letters, 2012, 109, 186807.	7.8	179
25	Universal High Energy Anomaly in the Angle-Resolved Photoemission Spectra of High Temperature Superconductors: Possible Evidence of Spinon and Holon Branches. Physical Review Letters, 2007, 98, 067004.	7.8	177
26	Twofold van Hove singularity and origin of charge order in topological kagome superconductor CsV <sub>3</sub> Sb <sub>5</sub> . Nature Physics, 2022, 18, 301-308.	16.7	176
27	In situ doping control of the surface of high-temperature superconductors. Nature Physics, 2008, 4, 527-531.	16.7	175
28	Symmetry breaking in few layer graphene films. New Journal of Physics, 2007, 9, 385-385.	2.9	174
29	Epitaxial graphene: a new material. Physica Status Solidi (B): Basic Research, 2008, 245, 1436-1446.	1.5	173
30	The formation of an energy gap in graphene on ruthenium by controlling the interface. New Journal of Physics, 2010, 12, 033014.	2.9	171
31	Origin of the energy bandgap in epitaxial graphene. Nature Materials, 2008, 7, 258-259.	27.5	170
32	Emergence of a Metal-Insulator Transition and High-Temperature Charge-Density Waves in $\text{VSe}_2$ at the Monolayer Limit. Nano Letters, 2018, 18, 5432-5438.	9.1	170
33	Coexisting massive and massless Dirac fermions in symmetry-broken bilayer graphene. Nature Materials, 2013, 12, 887-892.	27.5	164
34	Giant Ambipolar Rashba Effect in the Semiconductor BiTeI. Physical Review Letters, 2012, 109, 096803.	7.8	157
35	Universal Mechanism of Band-Gap Engineering in Transition-Metal Dichalcogenides. Nano Letters, 2017, 17, 1610-1615.	9.1	157
36	Morphology of graphene thin film growth on SiC(0001). New Journal of Physics, 2008, 10, 023034.	2.9	156

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37	Electronic structure of graphene on single-crystal copper substrates. <i>Physical Review B</i> , 2011, 84, .	3.2	148
38	In-plane orientation effects on the electronic structure, stability, and Raman scattering of monolayer graphene on Ir(111). <i>Physical Review B</i> , 2011, 83, .	3.2	146
39	Complete photo-fragmentation of the deuterium molecule. <i>Nature</i> , 2004, 431, 437-440.	27.8	145
40	Autonomous experimentation systems for materials development: A community perspective. <i>Matter</i> , 2021, 4, 2702-2726.	10.0	143
41	Highly p-doped epitaxial graphene obtained by fluorine intercalation. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	141
42	Spin-Resolved Photoemission of Surface States of $W(110)\hat{a}^{\sim}(1\hat{A}-1)H$ . <i>Physical Review Letters</i> , 2002, 89, 216802.	7.8	139
43	Characterization of graphene through anisotropy of constant-energy maps in angle-resolved photoemission. <i>Physical Review B</i> , 2008, 77, .	3.2	139
44	Spin-Orbit Coupling Induced Surface Band Splitting in Li/W(110) and Li/Mo(110). <i>Physical Review Letters</i> , 1999, 82, 4066-4069.	7.8	132
45	Elemental Topological Insulator with Tunable Fermi Level: Strained $\hat{I}_{\pm}$ -Sn on InSb(001). <i>Physical Review Letters</i> , 2013, 111, 157205.	7.8	130
46	Mechanism of Gap Opening in a Triple-Band Peierls System: In Atomic Wires on Si. <i>Physical Review Letters</i> , 2004, 93, 106401.	7.8	128
47	Resonant X-Ray Emission Spectroscopy of Molecular Oxygen. <i>Physical Review Letters</i> , 1996, 76, 2448-2451.	7.8	125
48	Quantum-well states in copper thin films. <i>Nature</i> , 1999, 398, 132-134.	27.8	119
49	Atomically thin half-van der Waals metals enabled by confinement heteroepitaxy. <i>Nature Materials</i> , 2020, 19, 637-643.	27.5	114
50	Ratio of Cross Sections for Double to Single Ionization of He by $85\hat{e}^{-}$ 400 eV Photons. <i>Physical Review Letters</i> , 1996, 76, 2654-2657.	7.8	109
51	Indium $7\hat{A}-3$ on Si(111): A Nearly Free Electron Metal in Two Dimensions. <i>Physical Review Letters</i> , 2003, 91, 246404.	7.8	107
52	Growth from Below: Graphene Bilayers on Ir(111). <i>ACS Nano</i> , 2011, 5, 2298-2306.	14.6	105
53	Loss of nodal quasiparticle integrity in underdoped $YBa_2Cu_3O_{6+x}$ . <i>Nature Physics</i> , 2010, 6, 905-911.	16.7	103
54	Hallmarks of the Mott-metal crossover in the hole-doped pseudospin-1/2 Mott insulator $Sr_2IrO_4$ . <i>Nature Communications</i> , 2016, 7, 11367.	12.8	99

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55	A scanning transmission x-ray microscope for materials science spectromicroscopy at the advanced light source. Review of Scientific Instruments, 1998, 69, 2964-2973.	1.3	96
56	Vibrationally resolved O1s core-excitation spectra of CO and NO. Physical Review A, 1999, 59, 3415-3423.	2.5	96
57	Quasicrystalline valence bands in decagonal AlNiCo. Nature, 2000, 406, 602-605.	27.8	93
58	Visualization of the flat electronic band in twisted bilayer graphene near the magic angle twist. Nature Physics, 2021, 17, 184-188.	16.7	93
59	Band Structure of SnTe Studied by Photoemission Spectroscopy. Physical Review Letters, 2010, 105, 086404.	7.8	90
60	A novel quasi-one-dimensional topological insulator in bismuth iodide $\hat{I}^2$ -Bi <sub>4</sub> I <sub>4</sub> . Nature Materials, 2016, 15, 154-158.	27.5	90
61	Effective screening and the plasmaron bands in graphene. Physical Review B, 2011, 84, .	3.2	85
62	Giant spin-splitting and gap renormalization driven by trions in single-layer WS <sub>2</sub> /h-BN heterostructures. Nature Physics, 2018, 14, 355-359.	16.7	83
63	Electronic Quasiparticle Renormalization on the Spin Wave Energy Scale. Physical Review Letters, 2004, 92, 097205.	7.8	80
64	Evolution of Fermi Level Crossings versus H Coverage on W(110). Physical Review Letters, 1998, 80, 2905-2908.	7.8	78
65	Extraordinary epitaxial alignment of graphene islands on Au(111). New Journal of Physics, 2012, 14, 053008.	2.9	78
66	Structure and correlation effects in semiconducting $\text{SrTiO}_3$ doped with $\text{Ca}$ and $\text{Fe}$ . Physical Review B, 2010, 81, 114411.	3.2	77
67	Crystal field splitting in the perovskite parent compounds $\text{BaFe}_2\text{As}_2$ and $\text{CaFe}_2\text{As}_2$ . Physical Review B, 2010, 81, 114412.	3.2	76
68	The structure of oxygen on Cu(100) at low and high coverages. Surface Science, 2001, 470, 311-324.	1.9	75
69	Experimental studies of the electronic structure of graphene. Progress in Surface Science, 2009, 84, 380-413.	8.3	75
70	Fully Differential Cross Sections for Photo-Double-Ionization of $\text{D}_2$ . Physical Review Letters, 2004, 92, 163001.	7.8	74
71	Three- to Two-Dimensional Transition of the Electronic Structure in $\text{CaFe}_2\text{As}_2$ : A Parent Compound for an Iron Arsenic High-Temperature Superconductor. Physical Review Letters, 2009, 102, 167004.	7.8	74
72	Observation of the two-hole satellite in Cr and Fe metal by resonant photoemission at the absorption energy. Physical Review B, 2000, 61, 12582-12585.	3.2	73

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73	Coupling Between Adsorbate Vibrations and an Electronic Surface State. Physical Review Letters, 2000, 84, 2925-2928.	7.8	73
74	Photoelectron Diffraction Imaging for C <sub>2</sub> H <sub>2</sub> and C <sub>2</sub> H <sub>4</sub> Chemisorbed on Si(100) Reveals a New Bonding Configuration. Physical Review Letters, 2000, 84, 939-942.	7.8	73
75	A large, fast instruction window for tolerating cache misses. , 0, , .		72
76	Interface properties of magnetic tunnel junction $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{La} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0.7 \langle \text{mml:mtext} \rangle$ Physical Review B, 2010, 82, .	3.2	71
77	microARPES and nanoARPES at diffraction-limited light sources: opportunities and performance gains. Journal of Synchrotron Radiation, 2014, 21, 1048-1056.	2.4	69
78	DIFFRACTION AND HOLOGRAPHY WITH PHOTOELECTRONS AND FLUORESCENT X-RAYS. Progress in Surface Science, 1997, 54, 341-386.	8.3	68
79	Resonant photoemission in f-electron systems: $\text{Pu}$ and $\text{Gd}$ . Physical Review B, 2003, 68, .	3.2	68
80	Renormalization of graphene bands by many-body interactions. Solid State Communications, 2007, 143, 63-71.	1.9	67
81	Hallmarks of Hund's coupling in the Mott insulator Ca <sub>2</sub> RuO <sub>4</sub> . Nature Communications, 2017, 8, 15176.	12.8	66
82	Enhanced electron-phonon coupling at metal surfaces. Progress in Surface Science, 2003, 74, 251-268.	8.3	65
83	Fermi surface and electron correlation effects of ferromagnetic iron. Physical Review B, 2005, 72, .	3.2	65
84	Rigid Band Shifts in Two-Dimensional Semiconductors through External Dielectric Screening. Physical Review Letters, 2019, 123, 206403.	7.8	65
85	Effects of Defects on Band Structure and Excitons in WS <sub>2</sub> Revealed by Nanoscale Photoemission Spectroscopy. ACS Nano, 2019, 13, 1284-1291.	14.6	64
86	Growth kinetics of CaF <sub>2</sub> /Si(111) heteroepitaxy: An x-ray photoelectron diffraction study. Physical Review B, 1995, 51, 5352-5365.	3.2	62
87	High-Temperature Symmetry Breaking in the Electronic Band Structure of the Quasi-One-Dimensional Solid NbSe <sub>3</sub> . Physical Review Letters, 2001, 87, 196403.	7.8	62
88	Evidence for Weyl fermions in a canonical heavy-fermion semimetal YbPtBi. Nature Communications, 2018, 9, 4622.	12.8	62
89	The development of electron spectromicroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1995, 75, 309-332.	1.7	61
90	Determination of the Magnetic Coupling in the Co/Cu/Co(100) System with Momentum-Resolved Quantum Well States. Physical Review Letters, 1999, 82, 4098-4101.	7.8	60

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91	Differential Photoelectron Holography: A New Approach for Three-Dimensional Atomic Imaging. Physical Review Letters, 2002, 88, 055504.	7.8	60
92	Path-based next trace prediction. , 0, , .		59
93	Fermi surface, charge-density-wave gap, and kinks in $2H\bar{1}TaSe_2$ . Physical Review B, 2005, 72, .	3.2	59
94	Unusual Spectral Behavior of Charge-Density Waves with Imperfect Nesting in a Quasi-One-Dimensional Metal. Physical Review Letters, 2003, 91, 066401.	7.8	58
95	Magnetic order in a frustrated two-dimensional atom lattice at a semiconductor surface. Nature Communications, 2013, 4, 1620.	12.8	57
96	Angle-resolved photoemission and quasiparticle calculation of ZnO: The need for $d$ band shift in oxide semiconductors. Physical Review B, 2012, 86, .	3.2	56
97	Black phosphorus as a bipolar pseudospin semiconductor. Nature Materials, 2020, 19, 277-281.	27.5	55
98	Van Hove singularity and apparent anisotropy in the electron-phonon interaction in graphene. Physical Review B, 2008, 77, .	3.2	50
99	Nature and topology of the low-energy states in $ZrTe_5$ . Physical Review B, 2016, 94, .	3.2	50
100	First results from the SpectroMicroscopy Beamline at the Advanced Light Source. Review of Scientific Instruments, 1995, 66, 1342-1345.	1.3	49
101	Direct Spectroscopic Observation of the Energy Gap Formation in the Spin Density Wave Phase Transition at the Cr(110) Surface. Physical Review Letters, 1999, 83, 2069-2072.	7.8	49
102	Coupled Pb Chains on Si(557): Origin of One-Dimensional Conductance. Physical Review Letters, 2008, 100, 076802.	7.8	47
103	Radial Spin Texture of the Weyl Fermions in Chiral Tellurium. Physical Review Letters, 2020, 125, 216402.	7.8	47
104	Observation of the Quantum Well Interference in Magnetic Nanostructures by Photoemission. Physical Review Letters, 1998, 80, 1754-1757.	7.8	46
105	Holographic atomic images from surface and bulk W(110) photoelectron diffraction data. Physical Review B, 1999, 59, 5857-5870.	3.2	45
106	Electron states and the spin density wave phase diagram in Cr(100) films. New Journal of Physics, 2005, 7, 114-114.	2.9	45
107	Layer-by-Layer Evolution of a Two-Dimensional Electron Gas Near an Oxide Interface. Physical Review Letters, 2013, 111, 126401.	7.8	45
108	A study of control independence in superscalar processors. , 1999, , .		44

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109	Electronic structure of dense Pb overlayers on Si(111) investigated using angle-resolved photoemission. <i>Physical Review B</i> , 2007, 75, .	3.2	44
110	Gaussian processes for autonomous data acquisition at large-scale synchrotron and neutron facilities. <i>Nature Reviews Physics</i> , 2021, 3, 685-697.	26.6	44
111	5f Resonant photoemission from plutonium. <i>Surface Science</i> , 2002, 499, L141-L147.	1.9	43
112	Atomic-scale structure of the fivefold surface of an AlPdMn quasicrystal: A quantitative x-ray photoelectron diffraction analysis. <i>Physical Review B</i> , 2004, 69, .	3.2	43
113	Renormalization of Bulk Magnetic Electron States at High Binding Energies. <i>Physical Review Letters</i> , 2009, 102, 187204.	7.8	43
114	Multimodal spectromicroscopy of monolayer WS <sub>2</sub> enabled by ultra-clean van der Waals epitaxy. <i>2D Materials</i> , 2018, 5, 045010.	4.4	40
115	Preferential occupation of interface bands in $\text{LaMnO}_3/\text{SrTiO}_3$ heterostructure. <i>Physical Review B</i> , 2010, 82, .	3.2	39
116	NaSn <sub>2</sub> As <sub>2</sub> : An Exfoliatable Layered van der Waals Zintl Phase. <i>ACS Nano</i> , 2016, 10, 9500-9508.	14.6	39
117	Direct observation of minibands in a twisted graphene/WS <sub>2</sub> bilayer. <i>Science Advances</i> , 2020, 6, eaay6104.	10.3	39
118	Two-dimensional electron gas formed on the indium-adsorbed Si(111) $\sqrt{3}\times\sqrt{3}$ surface. <i>Physical Review B</i> , 2009, 80, .	3.2	38
119	Local-field effects on photoemission of C <sub>60</sub> . <i>Physical Review B</i> , 1996, 54, R5279-R5282.	3.2	37
120	Strictly one-dimensional electron system in Au chains on Ge(001) revealed by photoelectron $k$ -space mapping. <i>Physical Review B</i> , 2011, 83, .	3.2	37
121	Zooming in on Electronic Structure: NanoARPES at SOLEIL and ALS. <i>Synchrotron Radiation News</i> , 2012, 25, 19-25.	0.8	36
122	Role of Transition Metal in Fast Oxidation Reaction on the Pt <sub>3</sub> TM (111) (TM = Ni, Co) Surfaces. <i>Advanced Energy Materials</i> , 2013, 3, 1257-1261.	19.5	36
123	Momentum-resolved electronic structure at a buried interface from soft X-ray standing-wave angle-resolved photoemission. <i>Europhysics Letters</i> , 2013, 104, 17004.	2.0	35
124	The electronic structure of the high-symmetry perovskite iridate Ba <sub>2</sub> IrO <sub>4</sub> . <i>New Journal of Physics</i> , 2014, 16, 013008.	2.9	35
125	High-resolution photoemission spectroscopy study of the single-domain Si(110) $\sqrt{16}\times\sqrt{2}$ surface. <i>Physical Review B</i> , 2007, 75, .	3.2	34
126	Latent instabilities in metallic LaNiO <sub>3</sub> films by strain control of Fermi-surface topology. <i>Scientific Reports</i> , 2015, 5, 8746.	3.3	34



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127	Nano focusing of soft X-rays by a new capillary mirror optic. Synchrotron Radiation News, 2018, 31, 50-52.	0.8	34
128	Resonant excitation x-ray fluorescence from C <sub>60</sub> . Physical Review B, 1995, 52, 10681-10684.	3.2	33
129	The coverage dependence of the local structure of C on Ni(100): a structural precursor to adsorbate-induced reconstruction. Surface Science, 2000, 446, 301-313.	1.9	33
130	Do Two-Dimensional "Noble Gas Atoms" Produce Molecular Honeycombs at a Metal Surface?. Nano Letters, 2011, 11, 2944-2948.	9.1	33
131	Band structure and many body effects in graphene. European Physical Journal: Special Topics, 2007, 148, 5-13.	2.6	32
132	Electronic Instability in a Zero-Gap Semiconductor: The Charge-Density Wave in $\text{TaSe}_4\text{I}$ (Tj ETQ stretchy="false") $\text{TaSe}_4\text{I}$ . Physical Review Letters, 2013, 110, 236401.		
133	Spatially Resolved Electronic Properties of Single-Layer $\text{WS}_2$ on Transition Metal Oxides. ACS Nano, 2016, 10, 10058-10067.	14.6	31
134	Structure determination of the $\sqrt{3}\times\sqrt{3}$ boron phase on the Si(111) surface using photoelectron diffraction. Physical Review B, 1999, 59, 13014-13019.	3.2	30
135	The study of oxygen molecules on Pt (111) surface with high resolution x-ray photoemission spectroscopy. Journal of Chemical Physics, 2010, 133, 034501.	3.0	30
136	Variable growth modes of $\text{CaF}_2$ on Si(111) determined by x-ray photoelectron diffraction. Applied Physics Letters, 1993, 62, 2057-2059.	3.3	29
137	Effect of Linear Density of States on the Quasiparticle Dynamics and Small Electron-Phonon Coupling in Graphite. Physical Review Letters, 2008, 100, 016802.	7.8	29
138	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
139	Luminescence, Patterned Metallic Regions, and Photon-Mediated Electronic Changes in Single-Sided Fluorinated Graphene Sheets. ACS Nano, 2014, 8, 7801-7808.	14.6	28
140	The graphene/n-Ge(110) interface: structure, doping, and electronic properties. Nanoscale, 2018, 10, 6088-6098.	5.6	28
141	Synthesis, Magnetic Properties, and Electronic Structure of Magnetic Topological Insulator $\text{MnBi}_2\text{Se}_4$ . Nano Letters, 2021, 21, 5083-5090.	9.1	28
142	Layer-by-layer resolved core-level shifts in $\text{CaF}_2$ and $\text{SrF}_2$ on Si(111): Theory and experiment. Physical Review B, 1994, 50, 11052-11069.	3.2	27
143	Development of scanning X-ray microscopes for materials science spectromicroscopy at the Advanced Light Source. Journal of Synchrotron Radiation, 1998, 5, 1090-1092.	2.4	27
144	Fermi-Surface Topology and Helical Antiferromagnetism in Heavy Lanthanide Metals. Physical Review Letters, 2010, 104, 246401.	7.8	27

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145	Thickness-dependent electronic structure in ultrathin $\text{LaNiO}_3$ films under tensile strain. <i>Physical Review B</i> , 2016, 93, .	3.2	27
146	Photoelectron diffraction study of the Si-rich $\text{SiC}(001)$ structure. <i>Physical Review B</i> , 2004, 70, .	3.2	26
147	Observation of Topological Electronic Structure in Quasi-1D Superconductor $\text{TaSe}_3$ . <i>Matter</i> , 2020, 3, 2055-2065.	10.0	26
148	Light-Induced Renormalization of the Dirac Quasiparticles in the Nodal-Line Semimetal $\text{ZrSiSe}$ . <i>Physical Review Letters</i> , 2020, 125, 076401.	7.8	26
149	Dispersion of quantum well states in $\text{Cu/Co/Cu}(001)$ . <i>Physical Review B</i> , 2002, 66, .	3.2	25
150	Random registry shifts in quasi-one-dimensional adsorbate systems. <i>Physical Review B</i> , 2003, 67, .	3.2	25
151	Electronic properties of iron arsenic high temperature superconductors revealed by angle resolved photoemission spectroscopy (ARPES). <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 491-497.	1.2	25
152	Dirac nodal lines and flat-band surface state in the functional oxide $\text{RuO}_2$ . <i>Physical Review B</i> , 2018, 98, .		
153	High-resolution photoemission study of acetylene adsorption and reaction with the $\text{Si}(100)2 \times 1$ surface. <i>Physical Review B</i> , 1999, 60, 11586-11592.	3.2	24
154	Continuous Tuning of Electronic Correlations by Alkali Adsorption on Layered $\text{TaS}_2$ . <i>Physical Review Letters</i> , 2005, 95, 126403.	7.8	24
155	Visualizing electron localization of $\text{WS}_2/\text{WSe}_2$ moiré superlattices in momentum space. <i>Science Advances</i> , 2021, 7, eabf4387.	10.3	24
156	Photoemission Studies of Graphene on $\text{SiC}$ : Growth, Interface, and Electronic Structure. , 2008, , 159-170.		24
157	$\text{CaF}_2$ - $\text{Si}(111)$ as a model ionic-covalent system: Transition from chemisorption to epitaxy. <i>Physical Review B</i> , 1993, 48, 5716-5719.	3.2	23
158	Electronic band structure and Fermi surface of ferromagnetic Tb: Experiment and theory. <i>Physical Review B</i> , 2007, 76, .	3.2	23
159	Surface states and spin density wave periodicity in $\text{Cr}(110)$ films. <i>New Journal of Physics</i> , 2008, 10, 023003.	2.9	23
160	Visualizing Atomic-Scale Negative Differential Resistance in Bilayer Graphene. <i>Physical Review Letters</i> , 2013, 110, 036804.	7.8	23
161	Dirac nodal lines protected against spin-orbit interaction in $\text{IrO}_2$ . <i>Physical Review Materials</i> , 2019, 3, .		
162	Orbital Fingerprint of Topological Fermi Arcs in the Weyl Semimetal $\text{TaP}$ . <i>Physical Review Letters</i> , 2019, 122, 116402.	7.8	22

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163	Millimetre-long transport of photogenerated carriers in topological insulators. Nature Communications, 2019, 10, 5723.	12.8	22
164	Dual nature of a charge-density-wave transition on In/Cu(001). Physical Review B, 2003, 67, .	3.2	21
165	Angle-Resolved Photoemission Spectroscopy of Tetragonal CuO: Evidence for Intralayer Coupling Between Cupratelike Sublattices. Physical Review Letters, 2014, 113, 187001.	7.8	21
166	Correlation between micrometer-scale ripple alignment and atomic-scale crystallographic orientation of monolayer graphene. Scientific Reports, 2014, 4, 7263.	3.3	21
167	Evidence for indirect band gap in BaSnO <sub>3</sub> using angle-resolved photoemission spectroscopy. Current Applied Physics, 2017, 17, 595-599.	2.4	21
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