

Eli Rotenberg

List of Publications by Year in descending order

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316
papers

25,251
citations

10389

72
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7348

152
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327
all docs

327
docs citations

327
times ranked

21660
citing authors

#	ARTICLE	IF	CITATIONS
19	Surface Fermi contours and phonon anomalies at the surface of the random alloy. <i>Journal of Physics Communications</i> , 2021, 5, 075008.	1.2	0
20	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
21	Pseudogap in a crystalline insulator doped by disordered metals. <i>Nature</i> , 2021, 596, 68-73.	27.8	8
22	Visualizing electron localization of WS ₂ /WSe ₂ moiré superlattices in momentum space. <i>Science Advances</i> , 2021, 7, eabf4387.	10.3	24
23	Tunable 2D Group-IV Metal Alloys. <i>Advanced Materials</i> , 2021, 33, e2104265.	21.0	14
24	Autonomous experimentation systems for materials development: A community perspective. <i>Matter</i> , 2021, 4, 2702-2726.	10.0	143
25	Momentum for Catalysis: How Surface Reactions Shape the RuO ₂ Flat Surface State. <i>ACS Catalysis</i> , 2021, 11, 1749-1757.	11.2	8
26	The Itinerant 2D Electron Gas of the Indium Oxide (111) Surface: Implications for Carbon and Energy Conversion Applications. <i>Small</i> , 2020, 16, e1903321.	10.0	17
27	Spectromicroscopic measurement of surface and bulk band structure interplay in a disordered topological insulator. <i>Nature Physics</i> , 2020, 16, 285-289.	16.7	8
28	Dirac fermions and flat bands in the ideal kagome metal FeSn. <i>Nature Materials</i> , 2020, 19, 163-169.	27.5	367
29	Two phase transitions driven by surface electron doping in WTe ₂ . <i>Physical Review B</i> , 2020, 102, .		
30	Pnictogens Allotropy and Phase Transformation during van der Waals Growth. <i>Nano Letters</i> , 2020, 20, 8258-8266.	9.1	7
31	Radial Spin Texture of the Weyl Fermions in Chiral Tellurium. <i>Physical Review Letters</i> , 2020, 125, 216402.	7.8	47
32	Observation of Topological Electronic Structure in Quasi-1D Superconductor TaSe ₃ . <i>Matter</i> , 2020, 3, 2055-2065.	10.0	26
33	Photophysics and Electronic Structure of Lateral Graphene/MoS ₂ and Metal/MoS ₂ Junctions. <i>ACS Nano</i> , 2020, 14, 16663-16671.	14.6	11
34	Topological flat bands in frustrated kagome lattice CoSn. <i>Nature Communications</i> , 2020, 11, 4004.	12.8	203
35	Light-Induced Renormalization of the Dirac Quasiparticles in the Nodal-Line Semimetal ZrSiSe. <i>Physical Review Letters</i> , 2020, 125, 076401.	7.8	26
36	Three interaction energy scales in the single-layer high-T _c cuprate HgBa ₂ CuO ₄ + δ . <i>Physical Review B</i> , 2020, 102, .	3.2	4

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37	Enhanced tunability of two-dimensional electron gas on SrTiO ₃ through heterostructuring. <i>Current Applied Physics</i> , 2020, 20, 1268-1273.	2.4	3
38	Visualizing Orbital Content of Electronic Bands in Anisotropic 2D Semiconducting ReSe ₂ . <i>ACS Nano</i> , 2020, 14, 7880-7891.	14.6	19
39	Momentum-resolved view of highly tunable many-body effects in a graphene/hBN field-effect device. <i>Physical Review B</i> , 2020, 101, .	3.2	13
40	Atomically thin half-van der Waals metals enabled by confinement heteroepitaxy. <i>Nature Materials</i> , 2020, 19, 637-643.	27.5	114
41	Direct observation of minibands in a twisted graphene/WS ₂ bilayer. <i>Science Advances</i> , 2020, 6, eaay6104.	10.3	39
42	Metal-Insulator Transitions in IrO_2 -Cu V ₂ O ₅ Mediated by Polaron Oscillation and Cation Shuttling. <i>Matter</i> , 2020, 2, 1166-1186.	10.0	9
43	Black phosphorus as a bipolar pseudospin semiconductor. <i>Nature Materials</i> , 2020, 19, 277-281.	27.5	55
44	K-means-driven Gaussian Process data collection for angle-resolved photoemission spectroscopy. <i>Machine Learning: Science and Technology</i> , 2020, 1, 045015.	5.0	7
45	Two-dimensional electron systems in perovskite oxide heterostructures: Role of the polarity-induced substitutional defects. <i>Physical Review Materials</i> , 2020, 4, .	2.4	7
46	Topological surface states above the Fermi level in Hf ₂ Te ₂ P. <i>Physical Review B</i> , 2019, 100, .	3.2	4
47	Rigid Band Shifts in Two-Dimensional Semiconductors through External Dielectric Screening. <i>Physical Review Letters</i> , 2019, 123, 206403.	7.8	65
48	Tunable electronic structure in gallium chalcogenide van der Waals compounds. <i>Physical Review B</i> , 2019, 100, .	3.2	6
49	Imaging microscopic electronic contrasts at the interface of single-layer WS ₂ with oxide and boron nitride substrates. <i>Applied Physics Letters</i> , 2019, 114, 151601.	3.3	14
50	Orbital Fingerprint of Topological Fermi Arcs in the Weyl Semimetal TaP. <i>Physical Review Letters</i> , 2019, 122, 116402.	7.8	22
51	Millimetre-long transport of photogenerated carriers in topological insulators. <i>Nature Communications</i> , 2019, 10, 5723.	12.8	22
52	Polarization control at the microscopic and electronic structure observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 914, 156-164.	1.6	0
53	Effects of Defects on Band Structure and Excitons in WS ₂ Revealed by Nanoscale Photoemission Spectroscopy. <i>ACS Nano</i> , 2019, 13, 1284-1291.	14.6	64
54	Dirac nodal lines protected against spin-orbit interaction in IrO_2 . <i>Physical Review Materials</i> , 2019, 3, .	2.4	23

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55	The graphene/n-Ge(110) interface: structure, doping, and electronic properties. <i>Nanoscale</i> , 2018, 10, 6088-6098.	5.6	28
56	How to extract the surface potential profile from the ARPES signature of a 2DEG. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2018, 225, 16-22.	1.7	13
57	Giant spin-splitting and gap renormalization driven by trions in single-layer WS ₂ /h-BN heterostructures. <i>Nature Physics</i> , 2018, 14, 355-359.	16.7	83
58	Evidence for absence of metallic surface states in BiO ₂ -terminated BaBiO ₃ thin films. <i>Current Applied Physics</i> , 2018, 18, 658-662.	2.4	7
59	Massive Dirac fermions in a ferromagnetic kagome metal. <i>Nature</i> , 2018, 555, 638-642.	27.8	544
60	Evidence for Weyl fermions in a canonical heavy-fermion semimetal YbPtBi. <i>Nature Communications</i> , 2018, 9, 4622.	12.8	62
61	Dirac nodal lines and flat-band surface state in the functional oxide RuO_2 . <i>Physical Review B</i> , 2018, 98, .		
62	Microscopy of hydrogen and hydrogen-vacancy defect structures on graphene devices. <i>Physical Review B</i> , 2018, 98, .	3.2	5
63	Emergence of a Metal-Insulator Transition and High-Temperature Charge-Density Waves in VSe ₂ at the Monolayer Limit. <i>Nano Letters</i> , 2018, 18, 5432-5438.	9.1	170
64	Nano focusing of soft X-rays by a new capillary mirror optic. <i>Synchrotron Radiation News</i> , 2018, 31, 50-52.	0.8	34
65	Multimodal spectromicroscopy of monolayer WS ₂ enabled by ultra-clean van der Waals epitaxy. <i>2D Materials</i> , 2018, 5, 045010.	4.4	40
66	Electronic structure of exfoliated and epitaxial hexagonal boron nitride. <i>Physical Review Materials</i> , 2018, 2, .	2.4	19
67	Volatile two-dimensional electron gas in ultrathin BaTiO ₃ films. <i>Physical Review Materials</i> , 2018, 2, .		
68	Universal Mechanism of Band-Gap Engineering in Transition-Metal Dichalcogenides. <i>Nano Letters</i> , 2017, 17, 1610-1615.	9.1	157
69	Evidence for indirect band gap in BaSnO ₃ using angle-resolved photoemission spectroscopy. <i>Current Applied Physics</i> , 2017, 17, 595-599.	2.4	21
70	Hallmarks of Hund's coupling in the Mott insulator Ca ₂ RuO ₄ . <i>Nature Communications</i> , 2017, 8, 15176.	12.8	66
71	Quasiparticles and charge transfer at the two surfaces of the honeycomb iridate Na ₂ IrO ₃ . <i>Physical Review B</i> , 2017, 96, .		
72	Electronic Phase Separation and Dramatic Inverse Band Renormalization in the Mixed-Valence Cuprate LiCuO ₂ . <i>Physical Review Letters</i> , 2017, 118, 176404.	7.8	18

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73	How Indium Nitride Senses Water. Nano Letters, 2017, 17, 7339-7344.	9.1	18
74	Publisher's Note: Quasiparticles and charge transfer at the two surfaces of the honeycomb iridate Na ₂ IrO ₃ [Phys. Rev. B 96, 161116(R) (2017)]. Physical Review B, 2017, 96, .	3.2	0
75	NaSn ₂ As ₂ : An Exfoliatable Layered van der Waals Zintl Phase. ACS Nano, 2016, 10, 9500-9508.	14.6	39
76	Nature and topology of the low-energy states in ZrTe ₅ . Physical Review B, 2016, 94, .	3.2	50
77	Publisher's Note: Nature and topology of the low-energy states in $ZrTe_5$ [Phys. Rev. B 94, 081101(R) (2016)]. Physical Review B, 2016, 94, .		
78	Thickness-dependent electronic structure in ultrathin $LaNiO_3$ films under tensile strain. Physical Review B, 2016, 93, .	3.2	27
79	New family of graphene-based organic semiconductors: An investigation of photon-induced electronic structure manipulation in half-fluorinated graphene. Physical Review B, 2016, 93, .	3.2	5
80	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
81	Sublattice Interference as the Origin of Γ -Band Kinks in Graphene. Physical Review Letters, 2016, 116, 186802.	7.8	13
82	Depth-Resolved Composition and Electronic Structure of Buried Layers and Interfaces in a $LaNiO_3/SrTiO_3$ Superlattice from Soft- and Hard- X-ray Standing-Wave Angle-Resolved Photoemission. Journal of Electron Spectroscopy and Related Phenomena, 2016, 211, 70-81.	1.7	9
83	Hallmarks of the Mott-metal crossover in the hole-doped pseudospin-1/2 Mott insulator Sr ₂ IrO ₄ . Nature Communications, 2016, 7, 11367.	12.8	99
84	Spatially Resolved Electronic Properties of Single-Layer WS ₂ on Transition Metal Oxides. ACS Nano, 2016, 10, 10058-10067.	14.6	31
85	A novel quasi-one-dimensional topological insulator in bismuth iodide \hat{I}^2 -Bi ₄ I ₄ . Nature Materials, 2016, 15, 154-158.	27.5	90
86	Interlayer-state-driven superconductivity in CaC_6 by angle-resolved photoemission spectroscopy. Physical Review B, 2015, 92, .	3.2	8
87	Bulk and surface band structure of the new family of semiconductors BiTeX (X=I, Br, Cl). Journal of Electron Spectroscopy and Related Phenomena, 2015, 201, 115-120.	1.7	18
88	Latent instabilities in metallic $LaNiO_3$ films by strain control of Fermi-surface topology. Scientific Reports, 2015, 5, 8746.	3.3	34
89	Insulating-layer formation of metallic $LaNiO_3$ on Nb-doped $SrTiO_3$ substrate. Applied Physics Letters, 2015, 106, 121601.	3.3	10
90	Superlattice effects in graphene on SiC(0001) and Ir(111) probed by ARPES. Synthetic Metals, 2015, 210, 85-94.	3.9	11

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91	microARPES and nanoARPES at diffraction-limited light sources: opportunities and performance gains. Journal of Synchrotron Radiation, 2014, 21, 1048-1056.	2.4	69
92	Impact of vacancy clusters on characteristic resistance change of nonstoichiometric strontium titanate nano-film. Applied Physics Letters, 2014, 104, .	3.3	15
93	Consequences of Broken Translational Symmetry in FeSexTe_{1-x} . Physical Review Letters, 2014, 112, .	7.8	17
94	Publisher's Note: Elemental Topological Insulator with Tunable Fermi Level: Strained InSb on $\text{InSb}(001)$ [Phys. Rev. Lett. 111, 157205 (2013)]. Physical Review Letters, 2014, 112, .	7.8	2
95	Bilayer splitting and wave functions symmetry in $\text{Sr}_3\text{Mn}_2\text{S}_8$. Physical Review B, 2014, 89, .	12.2	1
96	Angle-Resolved Photoemission Spectroscopy of Tetragonal CuO: Evidence for Intralayer Coupling Between Cupratelike Sublattices. Physical Review Letters, 2014, 113, 187001.	7.8	21
97	Luminescence, Patterned Metallic Regions, and Photon-Mediated Electronic Changes in Single-Sided Fluorinated Graphene Sheets. ACS Nano, 2014, 8, 7801-7808.	14.6	28
98	The electronic structure of the high-symmetry perovskite iridate Ba_2IrO_4 . New Journal of Physics, 2014, 16, 013008.	2.9	35
99	Fermi arcs in a doped pseudospin-1/2 Heisenberg antiferromagnet. Science, 2014, 345, 187-190.	12.6	261
100	Correlation between micrometer-scale ripple alignment and atomic-scale crystallographic orientation of monolayer graphene. Scientific Reports, 2014, 4, 7263.	3.3	21
101	Coexisting massive and massless Dirac fermions in symmetry-broken bilayer graphene. Nature Materials, 2013, 12, 887-892.	27.5	164
102	Elemental Topological Insulator with Tunable Fermi Level: Strained InSb on $\text{InSb}(001)$. Physical Review Letters, 2013, 111, 157205.	7.8	130
103	Role of preferential weak hybridization between the surface-state of a metal and the oxygen atom in the chemical adsorption mechanism. Physical Chemistry Chemical Physics, 2013, 15, 19019.	2.8	8
104	Minority-spin t_2g states and the degree of spin polarization in ferromagnetic metallic $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ ($x = 0.38$). Scientific Reports, 2013, 3, 3167.	3.3	12
105	Magnetic order in a frustrated two-dimensional atom lattice at a semiconductor surface. Nature Communications, 2013, 4, 1620.	12.8	57
106	Tunable Polaronic Conduction in Anatase TiO_2 . Physical Review Letters, 2013, 110, 196403.	7.8	237
107	Role of Transition Metal in Fast Oxidation Reaction on the $\text{Pt}_3\text{TM}(111)$ (TM = Ni, Co) Surfaces. Advanced Energy Materials, 2013, 3, 1257-1261.	19.5	36
108	Momentum-resolved electronic structure at a buried interface from soft X-ray standing-wave angle-resolved photoemission. Europhysics Letters, 2013, 104, 17004.	2.0	35

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109	Evolution of the electronic structure in MoRe alloys. New Journal of Physics, 2013, 15, 093010.	2.9	12
110	Au-induced quantum chains on $\text{Ge}(001)$ symmetries, long-range order and the conduction path. Journal of Physics Condensed Matter, 2013, 25, 014015.	1.8	14
111	Small scale rotational disorder observed in epitaxial graphene on $\text{SiC}(0001)$. New Journal of Physics, 2013, 15, 023019.	2.9	8
112	Uniaxial strain induced band splitting in semiconducting SrTiO_3 . Physical Review B, 2013, 87, .	3.2	16
113	Visualizing Atomic-Scale Negative Differential Resistance in Bilayer Graphene. Physical Review Letters, 2013, 110, 036804.	7.8	23
114	Layer-by-Layer Evolution of a Two-Dimensional Electron Gas Near an Oxide Interface. Physical Review Letters, 2013, 111, 126401.	7.8	45
115	Symmetry-broken electronic structure and uniaxial Fermi surface nesting of untwinned CaFe_2As_2 . Physical Review B, 2013, 88, .	3.2	10
116	Electronic Instability in a Zero-Gap Semiconductor: The Charge-Density Wave in TaSe_4 . Physical Review Letters, 2013, 110, 236401.	7.8	31
117	Two-foci bendable mirrors for the ALS MAESTRO beamline: design and metrology characterization and optimal tuning of the mirror benders. Proceedings of SPIE, 2013, .	0.8	2
118	Nonmonotonic Fermi surface evolution and its correlation with stripe ordering in bilayer manganites. Physical Review B, 2012, 86, .	3.2	3
119	Evidence for Interlayer Coupling and Moiré Periodic Potentials in Twisted Bilayer Graphene. Physical Review Letters, 2012, 109, 186807.	7.8	179
120	Diamondoid coating enables disruptive approach for chemical and magnetic imaging with 10 nm spatial resolution. Applied Physics Letters, 2012, 101, .	3.3	17
121	The State-of-the-ARPES. Synchrotron Radiation News, 2012, 25, 2-5.	0.8	0
122	Giant Ambipolar Rashba Effect in the Semiconductor BiTeI . Physical Review Letters, 2012, 109, 096803.	7.8	157
123	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
124	Extraordinary epitaxial alignment of graphene islands on $\text{Au}(111)$. New Journal of Physics, 2012, 14, 053008.	2.9	78
125	Zooming in on Electronic Structure: NanoARPES at SOLEIL and ALS. Synchrotron Radiation News, 2012, 25, 19-25.	0.8	36
126	Quantum Well States and Oscillatory Magnetic Anisotropy in Ultrathin Fe Films. IEEE Transactions on Magnetics, 2011, 47, 1603-1609.	2.1	11

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127	Effective screening and the plasmaron bands in graphene. Physical Review B, 2011, 84, .	3.2	85
128	Do Two-Dimensional "Noble Gas Atoms" Produce Molecular Honeycombs at a Metal Surface?. Nano Letters, 2011, 11, 2944-2948.	9.1	33
129	Highly p-doped epitaxial graphene obtained by fluorine intercalation. Applied Physics Letters, 2011, 98, .	3.3	141
130	Growth from Below: Graphene Bilayers on Ir(111). ACS Nano, 2011, 5, 2298-2306.	14.6	105
131	Electronic structure of graphene on single-crystal copper substrates. Physical Review B, 2011, 84, .	3.2	148
132	Fluorographene: A Wide Bandgap Semiconductor with Ultraviolet Luminescence. ACS Nano, 2011, 5, 1042-1046.	14.6	394
133	Giant Faraday rotation in single- and multilayer graphene. Nature Physics, 2011, 7, 48-51.	16.7	521
134	The dirt on topology. Nature Physics, 2011, 7, 8-10.	16.7	8
135	The interaction of Xe and Xe+K with graphene. Journal of Electron Spectroscopy and Related Phenomena, 2011, 183, 118-124.	1.7	3
136	Strictly one-dimensional electron system in Au chains on Ge(001) revealed by photoelectron spectroscopy. Physical Review B, 2011, 83, .	3.2	37
137	Influence of crystallite size and temperature on the antiferromagnetic helices of terbium and holmium metal. Physical Review B, 2011, 83, .	3.2	7
138	In-plane orientation effects on the electronic structure, stability, and Raman scattering of monolayer graphene on Ir(111). Physical Review B, 2011, 83, .	3.2	146
139	Evidence for a Lifshitz transition in electron-doped iron arsenic superconductors at the onset of superconductivity. Nature Physics, 2010, 6, 419-423.	16.7	237
140	Loss of nodal quasiparticle integrity in underdoped YBa ₂ Cu ₃ O _{6+x} . Nature Physics, 2010, 6, 905-911.	16.7	103
141	Change of the Fermi surface of Gd metal upon magnetic ordering as seen via angle-resolved photoelectron spectroscopy. Physical Review B, 2010, 81, .	3.2	18
142	Fermi-Surface Topology and Helical Antiferromagnetism in Heavy Lanthanide Metals. Physical Review Letters, 2010, 104, 246401.	7.8	27
143	Interface properties of magnetic tunnel junction $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_2/\text{MgO}/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_2$. Physical Review B, 2010, 82, .	3.2	71
144	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

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145	The interaction of quasi-particles in graphene with chemical dopants. New Journal of Physics, 2010, 12, 125014.	2.9	10
146	Band Structure of SnTe Studied by Photoemission Spectroscopy. Physical Review Letters, 2010, 105, 086404.	7.8	90
147	Unexpected Fermi-surface nesting in the prototypical parent compounds BaFe_2As_2 and CaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	76
148	Imaging the electron density in solids by using multi-Brillouin-zone angle resolved photoelectron spectroscopy. Physical Review B, 2010, 82, .	3.2	9
149	Extended van Hove Singularity and Superconducting Instability in Doped Graphene. Physical Review Letters, 2010, 104, 136803.	7.8	294
150	Observation of Plasmarons in Quasi-Freestanding Doped Graphene. Science, 2010, 328, 999-1002.	12.6	375
151	Preferential occupation of interface bands in La_2CuO_4 . Physical Review B, 2010, 82, .	3.2	39
152	The formation of an energy gap in graphene on ruthenium by controlling the interface. New Journal of Physics, 2010, 12, 033014.	2.9	171
153	Structure and correlation effects in semiconducting SrTiO_3 . Physical Review B, 2010, 81, .	3.2	77
154	Effect of inserting Ni and Co layers on the quantum well states of a thin Cu film grown on Co/Cu(001). Physical Review B, 2009, 80, .	3.2	2
155	High-resolution angle-resolved photoemission studies of quasiparticle dynamics in graphite. Physical Review B, 2009, 79, .	3.2	14
156	Renormalization of Bulk Magnetic Electron States at High Binding Energies. Physical Review Letters, 2009, 102, 187204.	7.8	43
157	Bilayer splitting and c-axis coupling in bilayer manganites showing colossal magnetoresistance. Physical Review B, 2009, 80, .	3.2	7
158	Friction and Dissipation in Epitaxial Graphene Films. Physical Review Letters, 2009, 102, 086102.	7.8	482
159	Electronic properties of iron arsenic high temperature superconductors revealed by angle resolved photoemission spectroscopy (ARPES). Physica C: Superconductivity and Its Applications, 2009, 469, 491-497.	1.2	25
160	Towards wafer-size graphene layers by atmospheric pressure graphitization of silicon carbide. Nature Materials, 2009, 8, 203-207.	27.5	2,396
161	Experimental studies of the electronic structure of graphene. Progress in Surface Science, 2009, 84, 380-413.	8.3	75
162	Quasiparticle Transformation during a Metal-Insulator Transition in Graphene. Physical Review Letters, 2009, 103, 056404.	7.8	208

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163	Three-to Two-Dimensional Transition of the Electronic Structure in CaFe_2As_2 : A Parent Compound for an Iron Arsenic High-Temperature Superconductor. Physical Review Letters, 2009, 102, 167004.	7.8	1,332
164	Two-dimensional electron gas formed on the indium-adsorbed $\text{Si}(111)3\sqrt{3}\times\sqrt{3}$ surface. Physical Review B, 2009, 80, .	3.2	38
165	Epitaxial graphene: a new material. Physica Status Solidi (B): Basic Research, 2008, 245, 1436-1446.	1.5	173
166	Origin of the energy bandgap in epitaxial graphene. Nature Materials, 2008, 7, 258-259.	27.5	170
167	In situ doping control of the surface of high-temperature superconductors. Nature Physics, 2008, 4, 527-531.	16.7	175
168	Novel $J\text{-}K\text{-}J\text{-}K$ State Induced by Relativistic Spin-Orbit Coupling in Sr_2IrO_7 . Physical Review Letters, 2008, 101, 076402.	7.8	1,332
169	Characterization of graphene through anisotropy of constant-energy maps in angle-resolved photoemission. Physical Review B, 2008, 77, .	3.2	139
170	K-Doping Dependence of the Fermi Surface of the Iron-Arsenic BaFe_2As_2 . Physical Review Letters, 2008, 101, 177005.	7.8	214
171	Surface states and spin density wave periodicity in $\text{Cr}(110)$ films. New Journal of Physics, 2008, 10, 023003.	2.9	23
172	Retrieving the energy band of Cu thin films using quantum well states. Journal of Physics Condensed Matter, 2008, 20, 035213.	1.8	2
173	Morphology of graphene thin film growth on $\text{SiC}(0001)$. New Journal of Physics, 2008, 10, 023034.	2.9	156
174	Van Hove singularity and apparent anisotropy in the electron-phonon interaction in graphene. Physical Review B, 2008, 77, .	3.2	50
175	Origins of large critical temperature variations in single-layer cuprates. Physical Review B, 2008, 78, .	3.2	10
176	Quantum well and resonance-band split off in a K monolayer on $\text{Cu}(111)$. Physical Review B, 2008, 77, .	3.2	16
177	Direct observation of a Fermi surface and superconducting gap in LuNi_2B_4 . Physical Review B, 2008, 77, .	3.2	14
178	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
179	Coupled Pb Chains on $\text{Si}(557)$: Origin of One-Dimensional Conductance. Physical Review Letters, 2008, 100, 076802.	7.8	47
180	Photoemission Studies of Graphene on SiC: Growth, Interface, and Electronic Structure. , 2008, , 159-170.		24

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181	Fermi surface and quantum well states of V(110) films on W(110). Journal of Physics Condensed Matter, 2007, 19, 355005.	1.8	3
182	Electronic structure of dense Pb overlayers on Si(111) investigated using angle-resolved photoemission. Physical Review B, 2007, 75, .	3.2	44
183	Dual Character of the Electronic Structure of YBa ₂ Cu ₄ O ₈ : The Conduction Bands of CuO ₂ Planes and CuO Chains. Physical Review Letters, 2007, 98, 157002.	7.8	17
184	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
185	Electronic band structure and Fermi surface of ferromagnetic Tb: Experiment and theory. Physical Review B, 2007, 76, .	3.2	23
186	High-resolution photoemission spectroscopy study of the single-domain Si(110) $\sqrt{16}\times\sqrt{2}$ surface. Physical Review B, 2007, 75, .	3.2	34
187	Controlling the Magnetic Ground State in Cr _{1-x} V _x Films. Physical Review Letters, 2007, 99, 147200.	7.8	11
188	Atomic structure determination of the 3C-SiC(001) $\sqrt{4}\times\sqrt{2}$ surface reconstruction: Experiment and theory. Physical Review B, 2007, 75, .	3.2	14
189	Spin-polarized standing waves at an electronically matched interface detected by Fermi-surface photoemission. Physical Review B, 2007, 75, .	3.2	6
190	Symmetry breaking in few layer graphene films. New Journal of Physics, 2007, 9, 385-385.	2.9	174
191	Scanning tunneling spectroscopy of inhomogeneous electronic structure in monolayer and bilayer graphene on SiC. Applied Physics Letters, 2007, 91, .	3.3	238
192	Interlayer Interaction and Electronic Screening in Multilayer Graphene Investigated with Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2007, 98, 206802.	7.8	678
193	Renormalization of graphene bands by many-body interactions. Solid State Communications, 2007, 143, 63-71.	1.9	67
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195	Band structure and many body effects in graphene. European Physical Journal: Special Topics, 2007, 148, 5-13.	2.6	32
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