Luca Petaccia

List of Publications by Year
in descending order

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157	5,133	117625	102487
papers	citations	34 h-index	66 g-index

158	158	158	7552
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediction and observation of an antiferromagnetic topological insulator. Nature, 2019, 576, 416-422.	27.8	701
2	In situ Observations of Catalyst Dynamics during Surface-Bound Carbon Nanotube Nucleation. Nano Letters, 2007, 7, 602-608.	9.1	662
3	Single-Wall Carbon Nanotube Interaction with Gases:Â Sample Contaminants and Environmental Monitoring. Journal of the American Chemical Society, 2003, 125, 11329-11333.	13.7	261
4	Metalâ˜'Organic Coordination Interactions in Feâ˜'Terephthalic Acid Networks on Cu(100). Journal of the American Chemical Society, 2008, 130, 2108-2113.	13.7	147
5	Tunable 3D/2D magnetism in the (MnBi2Te4)(Bi2Te3)m topological insulators family. Npj Quantum Materials, 2020, 5, .	5.2	138
6	Observation of a universal donor-dependent vibrational mode in graphene. Nature Communications, 2014, 5, 3257.	12.8	114
7	Microscopic Origin of Electron Accumulation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>In</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2013, 110, 056803.	7.8	103
8	Silicene on Ag(111): A honeycomb lattice without Dirac bands. Physical Review B, 2014, 89, .	3.2	102
9	Evolution of the Fermi surface of a doped topological insulator with carrier concentration. Physical Review B, 2013, 88, .	3.2	92
10	BaD ElPh: A 4m normal-incidence monochromator beamline at Elettra. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 606, 780-784.	1.6	85
11	Atomic oxygen functionalization of double walled C nanotubes. Carbon, 2009, 47, 2579-2589.	10.3	79
12	Sensing gases with carbon nanotubes: a review of the actual situation. Journal of Physics Condensed Matter, 2010, 22, 013001.	1.8	79
13	Spinâ€"Orbit Coupling Induced Gap in Graphene on Pt(111) with Intercalated Pb Monolayer. ACS Nano, 2017, 11, 368-374.	14.6	78
14	Making Graphene Nanoribbons Photoluminescent. Nano Letters, 2017, 17, 4029-4037.	9.1	73
15	Insulating Ground State ofSn/Si(111)â˜'(3Ã—3)R30Â°. Physical Review Letters, 2007, 98, 126401.	7.8	70
16	Quasiparticles at the Mott Transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>: Wave Vector Dependence and Surface Attenuation. Physical Review Letters, 2009, 102, 066805.	7.8	55
17	Tuning electronic properties of carbon nanotubes by nitrogen grafting: Chemistry and chemical stability. Carbon, 2015, 83, 118-127.	10.3	54
18	Spectroscopic characterization of contaminants and interaction with gases in single-walled carbon nanotubes. Carbon, 2004, 42, 2099-2112.	10.3	51

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19	Direct observation of a dispersionless impurity band in hydrogenated graphene. Physical Review B, 2011, 83, .	3.2	49
20	Band dispersion in the deep 1s core level ofÂgraphene. Nature Physics, 2010, 6, 345-349.	16.7	48
21	Spectroscopic observation of oxygen dissociation on nitrogen-doped graphene. Scientific Reports, 2017, 7, 7960.	3.3	47
22	Radial Spin Texture of the Weyl Fermions in Chiral Tellurium. Physical Review Letters, 2020, 125, 216402.	7.8	47
23	Highly under-coordinated atoms at Rh surfaces: interplay of strain and coordination effects on core level shift. New Journal of Physics, 2007, 9, 143-143.	2.9	45
24	Electronic States of Silicene Allotropes on Ag(111). ACS Nano, 2017, 11, 975-982.	14.6	45
25	Electronic structure and molecular orientation of a Zn-tetra-phenyl porphyrin multilayer on Si(111). Surface Science, 2006, 600, 4013-4017.	1.9	44
26	Evolution of electronic structure of few-layer phosphorene from angle-resolved photoemission spectroscopy of black phosphorous. Physical Review B, 2016, 94, .	3.2	44
27	NEXAFS study and electrical properties of nitrogen-incorporated tetrahedral amorphous carbon films. Diamond and Related Materials, 2005, 14, 1057-1061.	3.9	43
28	Carbon Monoxide Dissociation on Rh Nanopyramids. Physical Review Letters, 2006, 97, 056103.	7.8	41
29	Core level shifts of undercoordinated Pt atoms. Journal of Chemical Physics, 2008, 128, 114706.	3.0	41
30	Mesoscopic Donorâ"Acceptor Multilayer by Ultrahigh-Vacuum Codeposition of Zn-Tetraphenyl-Porphyrin and C70. Journal of the American Chemical Society, 2009, 131, 644-652.	13.7	41
31	Anisotropic Eliashberg function and electron-phonon coupling in doped graphene. Physical Review B, 2013, 88, .	3.2	41
32	Rashba coupling amplification by a staggered crystal field. Nature Communications, 2016, 7, 11258.	12.8	41
33	Kinetic Isotope Effect in the Hydrogenation and Deuteration of Graphene. Advanced Functional Materials, 2013, 23, 1628-1635.	14.9	38
34	Experimental Study of Pristine and Alkali Metal Doped Picene Layers: Confirmation of the Insulating Phase in Multilayer Doped Compounds. Journal of Physical Chemistry C, 2012, 116, 19902-19908.	3.1	35
35	Direct observation of a surface resonance state and surface band inversion control in black phosphorus. Physical Review B, 2018, 97, .	3.2	33
36	The Role of Metal Contact in the Sensitivity of Single-Walled Carbon Nanotubes to NO₂. Journal of Physical Chemistry C, 2007, 111, 12169-12174.	3.1	30

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37	Interpretation of valence band photoemission spectra at organic-metal interfaces. Physical Review B, 2013, 87, .	3.2	30
38	Geometric and electronic structure of theNâˆ•Rh(100)system by core-level photoelectron spectroscopy: Experiment and theory. Physical Review B, 2006, 74, .	3.2	29
39	Impact of covalent functionalization by diazonium chemistry on the electronic properties of graphene on SiC. Nanoscale, 2020, 12, 9032-9037.	5.6	29
40	Origin of the Flat Band in Heavily Cs-Doped Graphene. ACS Nano, 2020, 14, 1055-1069.	14.6	28
41	Order-disorder character of the(3Ã—3)to(3Ã—3)R30Â°phase transition of Sn on Ge(111). Physical Review B, 2001, 64, .	3.2	27
42	Tuning nitrogen species to control the charge carrier concentration in highly doped graphene. 2D Materials, 2016, 3, 011001.	4.4	27
43	Free surfaces recast superconductivity in few-monolayer MgB2: Combined first-principles and ARPES demonstration. Scientific Reports, 2017, 7, 14458.	3.3	27
44	Determination of the(3Ã—3)âˆ’Sn/Ge(111)structure by photoelectron diffraction. Physical Review B, 2001, 63, .	3.2	26
45	Molecular orientations, electronic properties and charge transfer timescale in a Zn-porphyrin/C70 donorâ€“acceptor complex for solar cells. Surface Science, 2006, 600, 4018-4023.	1.9	26
46	Key role of rotated domains in oxygen intercalation at graphene on Ni(1â€‰×â€‰1). 2D Materials, 2017, 4, 025106.	4.4	26
47	Doping Graphene with Substitutional Mn. ACS Nano, 2021, 15, 5449-5458.	14.6	25
48	Epitaxial growth of MgB2(0001) thin films on magnesium single-crystals. Applied Physics Letters, 2004, 85, 976-978.	3.3	24
49	The electronic properties of carbon nanotubes studied by high resolution photoemission spectroscopy. Applied Surface Science, 2005, 248, 8-13.	6.1	24
50	Selective NH oxidation on (110) and (111) iridium surfaces. Journal of Catalysis, 2005, 235, 92-102.	6.2	24
51	Enhanced Chemical Reactivity of Under-Coordinated Atoms at Ptâˆ’Rh Bimetallic Surfaces: A Spectroscopic Characterization. Journal of Physical Chemistry C, 2011, 115, 3378-3384.	3.1	24
52	Probing Local Hydrogen Impurities in Quasi-Free-Standing Graphene. ACS Nano, 2012, 6, 10590-10597.	14.6	24
53	Atomically precise semiconductorâ€”graphene and hBN interfaces by Ge intercalation. Scientific Reports, 2015, 5, 17700.	3.3	24
54	Narrow photoluminescence and Raman peaks of epitaxial MoS ₂ on graphene/Ir(1â€‰×â€‰1). 2D Materials, 2019, 6, 011006.	4.4	23

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55	Surface-enhanced charge-density-wave instability in underdoped Bi2Sr2-xLaxCuO6+Î´. Nature Communications, 2013, 4, 1977.	12.8	21
56	First-principles and angle-resolved photoemission study of lithium doped metallic black phosphorous. 2D Materials, 2016, 3, 025031.	4.4	21
57	NH3 adsorption and decomposition on Ir(110): A combined temperature programmed desorption and high resolution fast x-ray photoelectron spectroscopy study. Journal of Chemical Physics, 2005, 122, 184705.	3.0	20
58	Transition from one-dimensional to three-dimensional behavior induced by lithium doping in single wall carbon nanotubes. Physical Review B, 2005, 71, .	3.2	20
59	Plasma fluorination of vertically aligned carbon nanotubes: functionalization and thermal stability. Beilstein Journal of Nanotechnology, 2015, 6, 2263-2271.	2.8	20
60	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:mspace width="0.2em" /><mml:mn>1</mml:mn><mml:mi>s</mml:mi></mml:mrow></mml:math>photoemission spectrum in graphite(0001). Physical Review B, 2007, 76, .	3.2	19
61	Valence band photoemission from the Zn-phthalocyanine/Ag(110) interface: Charge transfer and scattering of substrate photoelectrons. Physical Review B, 2010, 82, .	3.2	17
62	Electronic properties of hydrogenated quasiâ€freeâ€standing graphene. Physica Status Solidi (B): Basic Research, 2011, 248, 2639-2643.	1.5	17
63	Reinvestigating the surface and bulk electronic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cd</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>As₂. Physical Review B, 2018, 97, .	3.2	17
64	Topologization of Î²-antimonene on Bi2Se3 via proximity effects. Scientific Reports, 2020, 10, 14619.	3.3	17
65	Structural and electronic properties of the pure and stable elemental 3D topological Dirac semimetal Î±-Sn. APL Materials, 2020, 8, .	5.1	17
66	Electronic properties of clean and Li-doped single-walled carbon nanotubes. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 793-797.	1.7	16
67	Reversible Phase Transformation and Doubly Charged Anions at the Surface of Simple Cubic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>RbC</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 236403.	7.8	16
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73	Charge density wave and weak Kondo effect in a Dirac semimetal CeSbTe. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	16
74	Mechanism of the short range ordering in a 2D binary alloy. Surface Science, 2002, 501, L171-L176.	1.9	15
75	Vibrational and electronic properties of hydrogen adsorbed on single-wall carbon nanotubes. Physical Review B, 2004, 69, .	3.2	15
76	The Ni₃Al(111) surface structure: experiment and theory. Journal of Physics Condensed Matter, 2008, 20, 195223.	1.8	15
77	Intrinsic ultrasmall nanoscale silicon turns n-/p-type with SiO₂/Si₃N₄-coating. Beilstein Journal of Nanotechnology, 2018, 9, 2255-2264.	2.8	15
78	High-temperature phase transitions at the Ge(110) surface. Surface Science, 2000, 444, 156-162.	1.9	14
79	Structural and electronic properties of the Sn/Si(111)-(2âˆš3Ã—2âˆš3)R30Â° surface revised. Surface Science, 2004, 554, 109-118.	1.9	14
80	Synchrotron XPS and desorption study of the NO chemistry on a stepped Pt surface. Surface Science, 2006, 600, 1991-2001.	1.9	14
81	Characterization of high-quality MgB2(0001) epitaxial films on Mg(0001). New Journal of Physics, 2006, 8, 12-12.	2.9	14
82	The structure of Sb(111) determined by photoelectron diffraction. Surface Science, 2007, 601, 2908-2911.	1.9	14
83	Excitation Spectra of Transition-Metal Atoms on the Ag (100) Surface Controlled by Hundâ€™s Exchange. Physical Review Letters, 2013, 110, 186404.	7.8	14
84	Environmental control of electronâ€“phonon coupling in barium doped graphene. 2D Materials, 2016, 3, 045003.	4.4	14
85	Dispersion and Intrinsic Width of Image Resonances Measured by Resonant Inelastic Electron Scattering: TheÎ±phase of Pb/Ge(111). Physical Review Letters, 1999, 82, 386-389.	7.8	13
86	Electronic and vibrational excitations in carbon nanotubes. Carbon, 2003, 41, 985-992.	10.3	13
87	The role of Oad in the decomposition of NH3 adsorbed on Ir(110): a combined TPD and high-energy resolution fast XPS study. Physical Chemistry Chemical Physics, 2005, 7, 2629.	2.8	13
88	NO2 decomposition on Rh clusters supported on single-walled carbon nanotubes. Applied Physics Letters, 2006, 88, 243111.	3.3	13
89	The attenuation length of low energy electrons in Yb. Journal of Physics Condensed Matter, 2010, 22, 305002.	1.8	13
90	Splitting of the Ti-3d bands of TiSe2 in the charge-density wave phase. Applied Surface Science, 2017, 396, 1649-1656.	6.1	13

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91	Link between superconductivity and a Lifshitz transition in intercalated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Se</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 103, .	3.2	13
92	PHOTOELECTRON DIFFRACTION STUDY OF THE (3Ã—3)-Sn/Ge(111) STRUCTURE. Surface Review and Letters, 1999, 06, 1091-1096.	1.1	12
93	The (1Ã—1)â†'hexagonal structural transition on Pt(100) studied by high-energy resolution core level photoemission. Journal of Chemical Physics, 2007, 127, 164702.	3.0	12
94	Molecular Lifting, Twisting, and Curling during Metal-Assisted Polycyclic Hydrocarbon Dehydrogenation. Journal of the American Chemical Society, 2016, 138, 3395-3402.	13.7	12
95	Formation of a quasi-free-standing graphene with a band gap at the dirac point by Pb atoms intercalation under graphene on Re(0001). Journal of Experimental and Theoretical Physics, 2017, 125, 762-767.	0.9	12
96	Synthesis and spectroscopic characterization of alkaliâ€“metal intercalated ZrSe₂. Dalton Transactions, 2018, 47, 2986-2991.	3.3	12
97	Direct observation of strain-induced orbital valence band splitting in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>HfSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> by sodium intercalation. Physical Review B, 2018, 97, .	3.2	12
98	Interface Chemistry of Graphene/Cu Grafted By 3,4,5-Tri-Methoxyphenyl. Scientific Reports, 2020, 10, 4114.	3.3	12
99	High-temperature phase transitions on the Si(100) surface monitored by photoemission spectroscopy. Surface Science, 2001, 474, L217-L221.	1.9	11
100	Charge transfer from core-excited argon adsorbed on clean and hydrogenated Si(100): ultrashort timescales and energetic structure. New Journal of Physics, 2009, 11, 053005.	2.9	11
101	High-quality graphene on single crystal Ir(1 1 1) films on Si(1 1 1) wafers: Synthesis and multi-spectroscopic characterization. Carbon, 2015, 81, 167-173.	10.3	11
102	Spectroscopic characterization of Nâ€‰=â€‰9 armchair graphene nanoribbons. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700157.	2.4	11
103	Hidden phase in parent Fe-pnictide superconductors. Physical Review B, 2018, 97, .	3.2	11
104	Spectral Functions of Isolated Ce Adatoms on Paramagnetic Surfaces. Physical Review Letters, 2011, 107, 026801.	7.8	10
105	Dirac cone intensity asymmetry and surface magnetic field in V-doped and pristine topological insulators generated by synchrotron and laser radiation. Scientific Reports, 2018, 8, 6544.	3.3	10
106	Electronic Structure Shift of Deeply Nanoscale Silicon by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Si</mml:mi><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math> versus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi>Si</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi	3.8	10
107	Probing the Electronic Structure of Hybrid Perovskites in the Orientationally Disordered Cubic Phase. Journal of Physical Chemistry Letters, 2020, 11, 5719-5727.	4.6	10
108	Final-state screening dynamics in resonant Auger decay at the2pedge of vanadium. Physical Review B, 2005, 71, .	3.2	9

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109	O- and H-induced surface core level shifts on Ru(0001): prevalence of the additivity rule. Journal of Physics Condensed Matter, 2009, 21, 134009.	1.8	9
110	Probing band parity inversion in the topological insulator GeBi2Te4 by linear dichroism in ARPES. Journal of Electron Spectroscopy and Related Phenomena, 2018, 225, 23-27.	1.7	9
111	Temperature dependence of the photoemission spectra of Si(110) between 300 and 1630 K. Surface Science, 2001, 474, 55-63.	1.9	8
112	Photoelectron diffraction study of the6Hâ^'SiC(0001)3Ã—3R30Â°reconstruction. Physical Review B, 2005, 72, .	3.2	8
113	Electronic structure of hydrogenated diamond: Microscopical insight into surface conductivity. Physical Review B, 2016, 94, .	3.2	8
114	MassiveÂand massless charge carriers in an epitaxially strained alkali metal quantum well on graphene. Nature Communications, 2020, 11, 1340.	12.8	8
115	Experimental and Theoretical Surface Core Level Shift Study of the S-Rh(100) Local Environment. Journal of Physical Chemistry C, 2007, 111, 4003-4013.	3.1	7
116	A Spectroscopic and ab Initio Study of the Formation of Graphite and Carbon Nanotubes from Thermal Decomposition of Silicon Carbide. Nano Letters, 2008, 8, 4335-4341.	9.1	7
117	Controlled thermodynamics for tunable electron doping of graphene on Ir(111). Physical Review B, 2016, 94, .	3.2	7
118	Opposite dispersion bands at the Fermi level in ZrSe2. Applied Physics Letters, 2018, 112, .	3.3	7
119	Turning Low-Nanoscale Intrinsic Silicon Highly Electron-Conductive by SiO2 Coating. ACS Applied Materials & Interfaces, 2021, 13, 20479-20488.	8.0	7
120	Electronic surface reconstruction and correlation in the fcc and dimer phases ofRbC60. Physical Review B, 2007, 75, .	3.2	6
121	Self-organised synthesis of Rh nanostructures with tunable chemical reactivity. Nanoscale Research Letters, 2007, 2, 251-264.	5.7	6
122	Thermal Annealing of Graphene Implanted with Mn at Ultralow Energies: From Disordered and Contaminated to Nearly Pristine Graphene. Journal of Physical Chemistry C, 2022, 126, 10494-10505.	3.1	6
123	Clarifying the apparent flattening of the graphene band near the van Hove singularity. Physical Review B, 2022, 105, .	3.2	6
124	Spectroscopic characterization of contaminants and interaction with gases in single-walled carbon nanotubes. Carbon, 2004, 42, 2099-2099.	10.3	5
125	Evidence for bandlike dispersion inK6C60(110)films. Physical Review B, 2006, 74, .	3.2	5
126	Metallization of the C60/Rh(100) interface revealed by valence photoelectron spectroscopy and density functional theory calculations. Journal of Chemical Physics, 2010, 132, 234710.	3.0	5

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127	Opening of the superconducting gap in the hole pockets of Ba(Fe1â^'xCox)2As2as seen via angle-resolved photoelectron spectroscopy. Physical Review B, 2012, 85, .	3.2	5
128	Effective attenuation lengths of low energy electrons in MgO thin films. Journal of Electron Spectroscopy and Related Phenomena, 2019, 233, 1-4.	1.7	5
129	High-temperature photoemission spectroscopy of the Ge(110) surface and high-temperature surface orderâ€"disorder phase transitions. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 423-427.	1.7	4
130	Layer-by-layer growth of lead on Ge(111) at low temperatures. Surface Science, 2004, 562, 7-14.	1.9	4
131	A new approach for synthesis of epitaxial nano-thin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si24.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">Pt</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">Gd</mml:mi></mml:mrow></mml:math> alloy via intercalation underneath a graphene. Applied Surface Science, 2020, 526, 146687.	6.1	4
132	Surface Zn enrichment induced by excimer laser annealing in ZnO nanorods. Applied Surface Science, 2022, 587, 152313.	6.1	4
133	The LUMO-derived band of the phases. Journal of Physics Condensed Matter, 1996, 8, 7221-7232.	1.8	3
134	Image states on Pb/Ge(111) observed through electron scattering. Surface Science, 2000, 454-456, 472-476.	1.9	3
135	TESTING THE CHARGED ADATOM MODEL ONTO THE ${m Sn}_{1-x}{m Si}_x/{m Si}(111) (sqrt{3}imes) Tj ETQq1 1 0.784314 rgBT /Ov and Letters, 2002, 09, 675-679.	1.1	3
136	Ultra-high-vacuum epitaxial growth of MgB2(0001) thin films on Mg(0001) via molecular beam epitaxy. Journal of Physics Condensed Matter, 2004, 16, S3451-S3458.	1.8	3
137	Temperature dependent photoemission spectroscopy on lightly-doped sodium tungsten bronze. Solid State Communications, 2012, 152, 493-496.	1.9	3
138	Ubiquitous suppression of the nodal coherent spectral weight in Bi-based cuprates. Physical Review B, 2021, 103, .	3.2	3
139	Modification of the Electronic Structure of Quasi-Free-Standing Graphene by the Adsorption and Intercalation of Mn Atoms. Journal of Experimental and Theoretical Physics, 2021, 132, 906-916.	0.9	3
140	Electron-phonon coupling origin of the graphene Ï€* -band kink via isotope effect. Physical Review B, 2021, 103, .	3.2	3
141	Anomalies at the Dirac Point in Graphene and Its Hole-Doped Compositions. Physical Review Letters, 2022, 128, 166401.	7.8	3
142	A high temperature X-ray absorption and valence band spectroscopy study of the Si(100) surface. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 471-475.	1.7	2
143	Sn/Ge() Î±-phase: characterization of image resonances by specular electron reflection and selective electron scattering. Surface Science, 2003, 530, 161-169.	1.9	2
144	Comment on â€œMomentum-Dependent Energy Losses in Core Level Photoemission Spectra of Poorly Conducting Metalsâ€• Physical Review Letters, 2005, 94, 209703; author reply 209704.	7.8	2

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145	Revisiting the Yb electronic structure with low-energy photoemission spectroscopy. Physical Review B, 2012, 85, .	3.2	2
146	Probing the interaction between 2,2â€²-bithiophene-5-carboxylic acid and TiO2 by photoelectron spectroscopy: A joint experimental and theoretical study. Journal of Chemical Physics, 2017, 147, 244704.	3.0	2
147	Observation of Dirac-like surface state bands on the top surface of BiSe. Europhysics Letters, 2021, 134, 27001.	2.0	2
148	Orbital Mapping of Semiconducting Perylenes on Cu(111). Journal of Physical Chemistry C, 2021, 125, 24477-24486.	3.1	2
149	Non-monotonic variation of the Kramers point band gap with increasing magnetic doping in BiTeI. Scientific Reports, 2021, 11, 23332.	3.3	2
150	Coupling to zone-center optical phonons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mrow><mml:mi>Se</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub enhanced by charge density waves. Physical Review B, 2021, 104, .	3.2	2
151	Interaction of Single-Wall Carbon Nanotubes with Gas Phase Molecules. AIP Conference Proceedings, 2003, , .	0.4	1
152	Reply to â€œComment on â€˜Spinâ€“Orbit Coupling Induced Gap in Graphene on Pt(111) with Intercalated Pb Monolayerâ€™â€•. ACS Nano, 2017, 11, 10630-10632.	14.6	1
153	Spin-polarized hybrid states in epitaxially-aligned and rotated graphene on cobalt. Carbon, 2022, 198, 188-194.	10.3	1
154	Band-like dispersion in the valence band photoemission spectra of K6C60(110) films. AIP Conference Proceedings, 2005, , .	0.4	0
155	UV response of a transition metal oxide diode. , 2010, , .		0
156	Metallic picene/<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>heterojunctions and the effect of potassium doping. Physical Review B, 2014, 90, .	3.2	0
157	Topological properties and self-energy effects in elemental Yb. Physical Review B, 2021, 104, .	3.2	0