Thomas Greber

List of Publications by Year
in descending order

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218 papers	11,111 citations	23544 58 h-index	36008 97 g-index
229 all docs	229 docs citations	229 times ranked	9189 citing authors

#	Article	IF	Citations
1	Synthesis of a magnetic Ï€-extended carbon nanosolenoid with Riemann surfaces. Nature Communications, 2022, 13, 1239.	5.8	20
2	Metamagnetic transition and a loss of magnetic hysteresis caused by electron trapping in monolayers of single-molecule magnet Tb₂@C₇₉N. Nanoscale, 2022, 14, 9877-9892.	2.8	6
3	(Invited) The Role of Gd in the Dy2GdN@C80 single Molecule Magnet. ECS Meeting Abstracts, 2021, MA2021-01, 630-630.	0.0	0
4	Ferromagnetic insulating epitaxially strained La2NiMnO6 thin films grown by sputter deposition. APL Materials, 2021, 9, .	2.2	8
5	Wafer-scale, epitaxial growth of single layer hexagonal boron nitride on Pt(111). JPhys Materials, 2021, 4, 044012.	1.8	5
6	Gadolinium as an accelerator for reaching thermal equilibrium and its influence on the ground state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Dy</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>80</mml:mn></mml:mrow></mml:math> single-molecule magnets. Physical Review B, 2021, 103, .	1.1	6
7	High-Quality Hexagonal Boron Nitride from 2D Distillation. ACS Nano, 2021, 15, 1351-1357.	7.3	7
8	Plasmonic Graphene Organic Hybrid Phase Modulator with 10 Âµm Length, >70 GHz Bandwidth and 4.5 dB Insertion Loss. , 2021, , .		1
9	Precise measurement of angles between two magnetic moments and their configurational stability in single-molecule magnets. Physical Review B, 2021, 104, .	1.1	5
10	Quasicrystals and their Approximants in 2D Ternary Oxides. Physica Status Solidi (B): Basic Research, 2020, 257, 1900624.	0.7	13
11	Singleâ€Molecule Magnets DyM₂N@C₈₀ and Dy₂MN@C₈₀ (M=Sc, Lu): The Impact of Diamagnetic Metals on Dy³⁺ Magnetic Anisotropy, Dyâ‹…â‹…â‹…Dy Coupling, and Mixing of Molecular and Lattice Vibrations. Chemistry - A European Journal, 2020, 26, 2436-2449.	1.7	23
12	Magnetic hysteresis and strong ferromagnetic coupling of sulfur-bridged Dy ions in clusterfullerene Dy₂S@C₈₂. Inorganic Chemistry Frontiers, 2020, 7, 3521-3532.	3.0	12
13	Sub-Kelvin hysteresis of the dilanthanide single-molecule magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Tb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>80</mml:mn></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	1.1	10
14	Laser-induced field emission from a tungsten nanotip by circularly polarized femtosecond laser pulses. Physical Review B, 2020, 101, .	1.1	8
15	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	2.0	333
16	The true corrugation of a h-BN nanomesh layer. 2D Materials, 2020, 7, 035006.	2.0	9
17	Catalyst Proximity-Induced Functionalization of h-BN with Quat Derivatives. Nano Letters, 2019, 19, 5998-6004.	4.5	7
18	Air-stable redox-active nanomagnets with lanthanide spins radical-bridged by a metalâ€“metal bond. Nature Communications, 2019, 10, 571.	5.8	112

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19	Magnetic dichroism and angular deviation in x-ray absorption spectra of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Dy</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo>@</mml:mo><mml:mi mathvariant="normal">C</mml:mi><mml:mn>80</mml:mn></mml:msub></mml:mrow></mml:math> single-molecule magnets on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>h</mml:mi><mml:mtext>â^’</mml:mtext><mml:mi>BN</mml:mi></mml:mrow></mml:math>. Physical Review Materials, 2019, 3, .	0.9	12
20	Remote doping of graphene on SiO2 with 5 keV x-rays in air. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2018, 36, 020603.	0.9	1
21	Parallel and antiparallel angular momentum transfer of circularly polarized light to photoelectrons and Auger electrons at the Ni L3 absorption threshold. Physical Review B, 2018, 97, .	1.1	4
22	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>4</mml:mn><mml:mi>Ï€</mml:mi><mml:mspace width="0.16em" /><mml:msub><mml:mi>k</mml:mi><mml:mi>z</mml:mi></mml:msub></mml:mrow></mml:math> periodicity in photoemission from graphite. Physical Review B, 2018, 97, .	1.1	23
23	Centimeter-Sized Single-Orientation Monolayer Hexagonal Boron Nitride With or Without Nanovoids. Nano Letters, 2018, 18, 1205-1212.	4.5	40
24	Flattening and manipulation of the electronic structure of h-BN/Rh(111) nanomesh upon Sn intercalation. Surface Science, 2018, 672-673, 33-38.	0.8	2
25	Electronic Properties of Transferable Atomically Thin MoSe₂/h-BN Heterostructures Grown on Rh(111). ACS Nano, 2018, 12, 11161-11168.	7.3	17
26	Electrostatic Interaction across a Single-Layer Carbon Shell. Journal of Physical Chemistry Letters, 2018, 9, 3586-3590.	2.1	6
27	Upstanding molecule reveals orbital wavefunction. Nature, 2018, 558, 525-526.	13.7	1
28	Strong carbon cage influence on the single molecule magnetism in Dyâ€“Sc nitride clusterfullerenes. Chemical Communications, 2018, 54, 9730-9733.	2.2	23
29	An electron acceptor molecule in a nanomesh: F4TCNQ on h-BN/Rh(111). Surface Science, 2018, 678, 183-188.	0.8	8
30	Mononuclear Clusterfullerene Singleâ€Molecule Magnet Containing Strained Fusedâ€Pentagons Stabilized by a Nearly Linear Metal Cyanide Cluster. Angewandte Chemie, 2017, 129, 1856-1860.	1.6	21
31	Mononuclear Clusterfullerene Singleâ€Molecule Magnet Containing Strained Fusedâ€Pentagons Stabilized by a Nearly Linear Metal Cyanide Cluster. Angewandte Chemie - International Edition, 2017, 56, 1830-1834.	7.2	64
32	Reading and writing single-atom magnets. Nature, 2017, 543, 226-228.	13.7	319
33	Surface science at the PEARL beamline of the Swiss Light Source. Journal of Synchrotron Radiation, 2017, 24, 354-366.	1.0	66
34	Fermi surface map of large-scale single-orientation graphene on SiO₂. Journal of Physics Condensed Matter, 2017, 29, 475001.	0.7	5
35	Switching Molecular Conformation with the Torque on a Single Magnetic Moment. Physical Review Letters, 2017, 119, 237202.	2.9	16
36	Tau Zero: In the cockpit of a Bussard ramjet. American Journal of Physics, 2017, 85, 915-920.	0.3	4

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37	Single molecule magnet with an unpaired electron trapped between two lanthanide ions inside a fullerene. Nature Communications, 2017, 8, 16098.	5.8	189
38	Selective arc-discharge synthesis of Dy₂S-clusterfullerenes and their isomer-dependent single molecule magnetism. Chemical Science, 2017, 8, 6451-6465.	3.7	58
39	Characterization of a cold cathode Penning ion source for the implantation of noble gases beneath 2D monolayers on metals: Ions and neutrals. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	0.9	9
40	Some Like It Flat: Decoupled h-BN Monolayer Substrates for Aligned Graphene Growth. ACS Nano, 2016, 10, 11187-11195.	7.3	20
41	Self-assembly of nanoscale lateral segregation profiles. Physical Review B, 2016, 93, .	1.1	7
42	Triangular Monometallic Cyanide Cluster Entrapped in Carbon Cage with Geometry-Dependent Molecular Magnetism. Journal of the American Chemical Society, 2016, 138, 14764-14771.	6.6	85
43	Switching stiction and adhesion of a liquid on a solid. Nature, 2016, 534, 676-679.	13.7	65
44	Circular Dichroism in Cu Resonant Auger Electron Diffraction. Zeitschrift Fur Physikalische Chemie, 2016, 230, 519-535.	1.4	5
45	Microscopic origin of chiral shape induction in achiral crystals. Nature Chemistry, 2016, 8, 326-330.	6.6	68
46	Methane as a Selectivity Booster in the Arcâ€Discharge Synthesis of Endohedral Fullerenes: Selective Synthesis of the Singleâ€Molecule Magnet Dy₂TiC@C₈₀ and Its Congener Dy₂TiC₂@C₈₀. Angewandte Chemie - International Edition, 2015, 54, 13411-13415.	7.2	74
47	Surface Aligned Magnetic Moments and Hysteresis of an Endohedral Single-Molecule Magnet on a Metal. Physical Review Letters, 2015, 114, 087201.	2.9	62
48	Ar implantation beneath graphene on Ru(0001): Nanotents and â€œcan-openerâ€•effect. Surface Science, 2015, 634, 95-102.	0.8	19
49	High quality single atomic layer deposition of hexagonal boron nitride on single crystalline Rh(111) four-inch wafers. Review of Scientific Instruments, 2014, 85, 035101.	0.6	46
50	X-ray induced demagnetization of single-molecule magnets. Applied Physics Letters, 2014, 105, .	1.5	34
51	Low cost photoelectron yield setup for surface process monitoring. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2014, 32, 023202.	0.9	4
52	Two-Nanometer Voids in Single-Layer Hexagonal Boron Nitride: Formation via the â€œCan-Openerâ€• Effect and Annihilation by Self-Healing. ACS Nano, 2014, 8, 7423-7431.	7.3	31
53	The Metallofullerene Fieldâ€Induced Singleâ€Ion Magnet HoSc₂N@C₈₀. Chemistry - A European Journal, 2014, 20, 13536-13540.	1.7	65
54	Implantation Length and Thermal Stability of Interstitial Ar Atoms in Boron Nitride Nanotents. ACS Nano, 2014, 8, 1014-1021.	7.3	17

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55	Tunneling, remanence, and frustration in dysprosium-based endohedral single-molecule magnets. Physical Review B, 2014, 89, .	1.1	91
56	Cluster-size dependent internal dynamics and magnetic anisotropy of Ho ions in HoM₂N@C₈₀and Ho₂MN@C₈₀families (M = Sc, Lu, Y). Nanoscale, 2014, 6, 11431-11438.	2.8	25
57	Note: An ion source for alkali metal implantation beneath graphene and hexagonal boron nitride monolayers on transition metals. Review of Scientific Instruments, 2013, 84, 126104.	0.6	4
58	Trends in Adsorption Characteristics of Benzene on Transition Metal Surfaces: Role of Surface Chemistry and van der Waals Interactions. Journal of Physical Chemistry C, 2013, 117, 20572-20583.	1.5	147
59	MoirÃ© beatings in graphene on Ru(0001). Physical Review B, 2013, 88, .	1.1	38
60	Formation of one-dimensional self-assembled silicon nanoribbons on Au(110)-(2â€‰Ã—â€‰1). Applied Physics Letters, 2013, 102, .	1.5	116
61	Immobilizing Individual Atoms beneath a Corrugated Single Layer of Boron Nitride. Nano Letters, 2013, 13, 2098-2103.	4.5	57
62	Chemical Vapor Deposition and Characterization of Aligned and Incommensurate Graphene/Hexagonal Boron Nitride Heterostack on Cu(111). Nano Letters, 2013, 13, 2668-2675.	4.5	113
63	Electronic Structure of an Organic/Metal Interface: Pentacene/Cu(110). Journal of Physical Chemistry C, 2012, 116, 23465-23471.	1.5	49
64	Chiral Distortion of Confined Ice Oligomers (n = 5,6). Langmuir, 2012, 28, 15246-15250.	1.6	10
65	Adsorption of silicon on Au(110): An ordered two dimensional surface alloy. Applied Physics Letters, 2012, 101, .	1.5	34
66	An Endohedral Single-Molecule Magnet with Long Relaxation Times: DySc₂N@C₈₀. Journal of the American Chemical Society, 2012, 134, 9840-9843.	6.6	188
67	Resonant photoelectron diffraction with circularly polarized light. Physical Review B, 2011, 84, .	1.1	12
68	Synthesis of epitaxial graphene on rhodium from 3-pentanone. Surface Science, 2011, 605, L17-L19.	0.8	27
69	Energy Distribution Curves of Ultrafast Laser-Induced Field Emission and Their Implications for Electron Dynamics. Physical Review Letters, 2011, 107, 087601.	2.9	99
70	Corrugated single layer templates for molecules: From h-BN nanomesh to graphene based quantum dot arrays. Frontiers of Physics in China, 2010, 5, 387-392.	1.0	6
71	h-BN on Rh(111): Persistence of a commensurate 13-on-12 superstructure up to high temperatures. Surface Science, 2010, 604, L9-L11.	0.8	9
72	Supramolecular Assemblies Formed on an Epitaxial Graphene Superstructure. Angewandte Chemie - International Edition, 2010, 49, 1794-1799.	7.2	108

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73	Nanotexture Switching of Singleâ€Layer Hexagonal Boron Nitride on Rhodium by Intercalation of Hydrogen Atoms. Angewandte Chemie - International Edition, 2010, 49, 6120-6124.	7.2	65
74	h-BN/Ru(0001) nanomesh: A 14-on-13 superstructure with 3.5nm periodicity. Surface Science, 2010, 604, L16-L19.	0.8	19
75	Strong3p-T1uhybridization inAr@C60. Physical Review A, 2010, 82, .	1.0	14
76	LUMO photoemission lineshape in quasi-one-dimensionalC60chains. Physical Review B, 2010, 81, .	1.1	0
77	Rare-Earth Surface Alloying: A New Phase for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>GdAu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2010, 105, 016101.	2.9	22
78	Comment on â€œPotential Energy Landscape for Hot Electrons in Periodically Nanostructured Grapheneâ€. Physical Review Letters, 2010, 105, 219701; author reply 219702.	2.9	9
79	Laser-induced field emission from a tungsten tip: Optical control of emission sites and the emission process. Physical Review B, 2010, 81, .	1.1	55
80	Nanoâ€ice on Boron Nitride Nanomesh: Accessing Proton Disorder. ChemPhysChem, 2010, 11, 399-403.	1.0	34
81	Graphene on Ru(0001): a corrugated and chiral structure. New Journal of Physics, 2010, 12, 043028.	1.2	86
82	Graphene based quantum dots. Journal of Physics Condensed Matter, 2010, 22, 302001.	0.7	36
83	Structure Determination of the Coincidence Phase of Graphene on Ru(0001). Physical Review Letters, 2010, 104, 136102.	2.9	185
84	Graphene and Hexagonal Boron Nitride Layers: Nanostructures with 3 bond hierarchy levels. E-Journal of Surface Science and Nanotechnology, 2010, 8, 62-64.	0.1	7
85	Looking inside an endohedral fullerene: Inter- and intramolecular ordering of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Dy</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msu xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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91	Optical Control of Field-Emission Sites by Femtosecond Laser Pulses. Physical Review Letters, 2009, 103, 257603.	2.9	86
92	Direct observation of space charge dynamics by picosecond low-energy electron scattering. Europhysics Letters, 2009, 85, 17010.	0.7	12
93	Charge-transfer dynamics in one-dimensional C60 chains. Surface Science, 2008, 602, 1928-1932.	0.8	2
94	Living on the edge: A nanographene molecule adsorbed across gold step edges. Surface Science, 2008, 602, L84-L88.	0.8	18
95	Graphene on Ru(0001): A<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>25</mml:mn><mml:mo>Ã—</mml:mo><mml:mn>25</mml:mn></mml:math>Supercell. Physical Review Letters, 2008, 101, 126102.	2.9	273
96	Comparative electron diffraction study of the diamond nucleation layer on Ir(001). Diamond and Related Materials, 2008, 17, 1029-1034.	1.8	25
97	Surface Trapping of Atoms and Molecules with Dipole Rings. Science, 2008, 319, 1824-1826.	6.0	163
98	Growth of twin-free heteroepitaxial diamond on Ir/YSZ/Si(111). Journal of Applied Physics, 2008, 104, .	1.1	22
99	Hidden surface states on pristine and H-passivated Ni(111): Angle-resolved photoemission and density-functional calculations. Physical Review B, 2008, 77, .	1.1	18
100	Photoemission momentum mapping and wave function analysis of surface and bulk states on flat Cu(111) and stepped Cu(443) surfaces: A two-photon photoemission study. Physical Review B, 2008, 77, .	1.1	34
101	Electronic structure at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>/metal interface: An angle-resolved photoemission and first-principles study. Physical Review B, 2008, 77, .	1.1	59
102	Probing Enantioselectivity with X-Ray Photoelectron Spectroscopy and Density Functional Theory. Physical Review Letters, 2007, 98, 136102.	2.9	58
103	Energetics and dynamics of unoccupied electronic states at thehâ^'BNâ^•Ni(111)interface. Physical Review B, 2007, 75, .	1.1	17
104	Self-Assembly of a Hexagonal Boron Nitride Nanomesh on Ru(0001). Langmuir, 2007, 23, 2928-2931.	1.6	216
105	Boron Nitride Nanomesh: Functionality from a Corrugated Monolayer. Angewandte Chemie - International Edition, 2007, 46, 5115-5119.	7.2	209
106	Buckybowls on Metal Surfaces: Symmetry Mismatch and Enantiomorphism of Corannulene on Cu(110). Angewandte Chemie - International Edition, 2007, 46, 8258-8261.	7.2	81
107	Surface X-ray diffraction study of boron-nitride nanomesh in air. Surface Science, 2007, 601, L7-L10.	0.8	51
108	Electrolytic in situ STM investigation of h-BN-Nanomesh. Electrochemistry Communications, 2007, 9, 2484-2488.	2.3	25

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109	Tunable self-assembly of one-dimensional nanostructures with orthogonal directions. Nanoscale Research Letters, 2007, 2, 94-99.	3.1	42
110	Single layer hexagonal boron nitride films on Ni(110). E-Journal of Surface Science and Nanotechnology, 2006, 4, 410-413.	0.1	41
111	Photoelectron Diffraction for a Look inside Nanostructures. Chimia, 2006, 60, 795-799.	0.3	7
112	Formation of single layer h-BN on Pd(111). Surface Science, 2006, 600, 3280-3284.	0.8	148
113	Electronâ€“Photon Pulse Correlator Based on Space-Charge Effects in a Metal Pinhole. Japanese Journal of Applied Physics, 2006, 45, 285-291.	0.8	7
114	Chiral Recognition of Organic Molecules by Atomic Kinks on Surfaces. Physical Review Letters, 2006, 96, 056103.	2.9	120
115	Large dispersion of incoherent spectral features in highly orderedC60chains. Physical Review B, 2006, 74, .	1.1	16
116	h-BN on Pd(110): a tunable system for self-assembled nanostructures?. Surface Science, 2005, 577, L78-L84.	0.8	79
117	Doping-induced reorientation ofC60molecules on Ag(111). Physical Review B, 2005, 72, .	1.1	23
118	Rocking-motion-induced charging ofC60onhâ^'BNâ^•Ni(111). Physical Review B, 2005, 71, .	1.1	33
119	Step-Lattice-Induced Band-Gap Opening at the Fermi Level. Physical Review Letters, 2004, 92, 016803.	2.9	39
120	Electron Coherence in a Melting Lead Monolayer. Science, 2004, 306, 2221-2224.	6.0	20
121	One-dimensional chains of C60 molecules on Cu(221). Surface Science, 2004, 566-568, 633-637.	0.8	25
122	Determination of the Absolute Chirality of Adsorbed Molecules. Angewandte Chemie - International Edition, 2004, 43, 2853-2856.	7.2	61
123	Boron Nitride Nanomesh.. ChemInform, 2004, 35, no.	0.1	2
124	Synthesis of One Monolayer of Hexagonal Boron Nitride on Ni(111) from B-Trichloroborazine (ClBNH)3.. ChemInform, 2004, 35, no.	0.1	1
125	Spin- and angle-resolved photoemission spectroscopy study of the Au(111) Shockley surface state. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 119-123.	0.8	21
126	On the Dissociation of N2O after Electron Attachmentâ€. Journal of Physical Chemistry B, 2004, 108, 14511-14517.	1.2	21

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127	Boron Nitride Nanomesh. Science, 2004, 303, 217-220.	6.0	864
128	Localization of Surface States in Disordered Step Lattices. Physical Review Letters, 2004, 92, 196805.	2.9	48
129	Spin structure of the Shockley surface state onAu(111). Physical Review B, 2004, 69, .	1.1	281
130	Synthesis of One Monolayer of Hexagonal Boron Nitride on Ni(111) from B-Trichloroborazine (ClBNH)3. Chemistry of Materials, 2004, 16, 343-345.	3.2	220
131	Defect lines and two-domain structure of hexagonal boron nitride films on Ni(111). Surface Science, 2003, 545, L735-L740.	0.8	158
132	Cell spreading on quartz crystal microbalance elicits positive frequency shifts indicative of viscosity changes. Analytical and Bioanalytical Chemistry, 2003, 377, 578-586.	1.9	73
133	The electronic structure of a surfactant layer: Pb/Cu(111). Surface Science, 2003, 532-535, 82-86.	0.8	19
134	Density functional theory investigation of the geometric and spintronic structure ofh-BN/Ni(111) in view of photoemission and STM experiments. Physical Review B, 2003, 68, .	1.1	179
135	Optical Recognition of Atomic Steps on Surfaces. Physical Review Letters, 2003, 90, 177402.	2.9	16
136	Reinvestigation of the band structure of theSi(111)5Ã—2-Au surface. Physical Review B, 2003, 68, .	1.1	27
137	Quenching of Majority-Channel Quasiparticle Excitations in Cobalt. Physical Review Letters, 2002, 88, 236402.	2.9	38
138	Tailoring Confining Barriers for Surface States by Step Decoration: CO/Vicinal Cu(111). Physical Review Letters, 2002, 88, 237601.	2.9	33
139	THE FERMI SURFACE IN A MAGNETIC METALâ€“INSULATOR INTERFACE. Surface Review and Letters, 2002, 09, 1243-1250.	0.5	22
140	Spin-polarized Fermi surface mapping. Journal of Electron Spectroscopy and Related Phenomena, 2002, 124, 263-279.	0.8	133
141	Co on h -BN/Ni(111): from island to island-chain formation and Co intercalation. Surface Science, 2002, 511, 379-386.	0.8	43
142	High-resolution photoemission study of the discommensurate(5.55Ã—5.55)Cu/Si(111) surface layer. Physical Review B, 2001, 64, .	1.1	33
143	Determining adsorbate structures from substrate emission X-ray photoelectron diffraction. Surface Science, 2001, 472, 125-132.	0.8	56
144	Influence of an Atomic Grating on a Magnetic Fermi Surface. , 2001, , 411-417.		1

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145	Imaging atom sites with near node photoelectron holography. Europhysics News, 2001, 32, 172-175.	0.1	2
146	Surface States on Clean and Adsorbate-Covered Metal Surfaces. , 2001, , 245-255.		0
147	The photoemission Fermi edge as a sample thermometer?. Journal of Electron Spectroscopy and Related Phenomena, 2001, 113, 241-251.	0.8	11
148	Coexisting inequivalent orientations ofC60on Ag(001). Physical Review B, 2001, 63, .	1.1	35
149	Probing the Electronic States of Band Ferromagnets with Photoemission. Lecture Notes in Physics, 2001, , 94-110.	0.3	2
150	Exploiting the photoelectron source wave with near-node photoelectron holography. Journal of Physics Condensed Matter, 2001, 13, 10561-10576.	0.7	14
151	Fermi surfaces of the two-dimensional surface states on vicinal Cu(111). Physical Review B, 2001, 64, .	1.1	58
152	Orientation of chiral heptahelicene C30H18 on copper surfaces: An x-ray photoelectron diffraction study. Journal of Chemical Physics, 2001, 115, 1020-1027.	1.2	78
153	Design of a miniature picosecond low-energy electron gun for time-resolved scattering experiments. Review of Scientific Instruments, 2001, 72, 4404-4407.	0.6	14
154	Binding and ordering of C60 on Pd(110): Investigations at the local and mesoscopic scale. Journal of Chemical Physics, 2001, 115, 9001-9009.	1.2	63
155	Atomically Resolved Images from Near Node Photoelectron Holography Experiments on Al(111). Physical Review Letters, 2001, 86, 2337-2340.	2.9	46
156	Full hemispherical photoelectron diffraction and Fermi surface mapping. Progress in Surface Science, 2000, 64, 65-87.	3.8	27
157	Doping-dependent electronic structure of cuprates studied using angle-scanned photoemission. European Physical Journal B, 2000, 18, 215-225.	0.6	24
158	Angle-resolved photoemission study of clean and hydrogen-saturated Mo(110). Physical Review B, 2000, 61, 14146-14156.	1.1	21
159	Step-induced one-dimensional surface state on Cu(332). Physical Review B, 2000, 62, 15431-15434.	1.1	32
160	Electronic structure of K doped C60 monolayers on Ag(001). Surface Science, 2000, 454-456, 467-471.	0.8	28
161	Fermi surface contours of p(2Ã—2)O/Mo(110): an angle-resolved photoelectron spectroscopy study. Surface Science, 2000, 459, 173-182.	0.8	9
162	Controlled underdoping of cuprates using ultraviolet radiation. Applied Physics Letters, 1999, 74, 1877-1879.	1.5	0

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163	Deposition of Ti:sapphire thin films by reactive pulsed laser ablation using liquid metals and oxygen. Applied Physics A: Materials Science and Processing, 1999, 69, S865-S867.	1.1	7
164	XPD and STM investigation of hexagonal boron nitride on Ni(111). Surface Science, 1999, 429, 229-236.	0.8	215
165	Interaction of gas-phase oriented N2O with lithium metal: evidence for an Eleyâ€“Rideal mechanism. Surface Science, 1999, 439, 49-58.	0.8	23
166	Production and characterization of Ti:sapphire thin films grown by reactive laser ablation with elemental precursors. Optics Letters, 1999, 24, 1581.	1.7	10
167	Complete k-space mappings of cuprates at different doping levels. Journal of Physics and Chemistry of Solids, 1998, 59, 1929-1931.	1.9	1
168	Probing harpooning and dissociation in gas-surface reactions by exoemission. Applied Physics A: Materials Science and Processing, 1998, 67, 701-704.	1.1	10
169	Nonadiabatic gas surface reactions. Current Opinion in Solid State and Materials Science, 1998, 3, 446-450.	5.6	6
170	State- and orientation-dependent N2 emission in the N2O+Cs reaction. Surface Science, 1998, 402-404, 160-164.	0.8	14
171	High-resolution photoemission study of hcp-Co(0001). Surface Science, 1998, 402-404, 551-555.	0.8	16
172	Direct observation of subsurface oxygen on Rh(111). Surface Science, 1998, 417, 301-310.	0.8	62
173	Electroless Deposition of Metal Nanoislands on Aminothiolate-Functionalized Au(111) Electrodes. Journal of Physical Chemistry B, 1998, 102, 7582-7589.	1.2	72
174	X-Ray Photoelectron Diffraction in the Backscattering Geometry: A Key to Adsorption Sites and Bond Lengths at Surfaces. Physical Review Letters, 1998, 81, 1654-1657.	2.9	34
175	Temperature-dependent electronic structure of nickel metal. Physical Review B, 1998, 58, 1300-1317.	1.1	74
176	The Role of Molecular State and Orientation in Harpooning Reactions:N2Oon Cs/Pt(111). Physical Review Letters, 1998, 81, 2376-2379.	2.9	37
177	A photoelectron spectrometer for k-space mapping above the Fermi level. Review of Scientific Instruments, 1997, 68, 4549-4554.	0.6	114
178	Photoemission above the Fermi Level: The Top of the MinoritydBand in Nickel. Physical Review Letters, 1997, 79, 4465-4468.	2.9	121
179	Charge-transfer induced particle emission in gas surface reactions. Surface Science Reports, 1997, 28, 1-64.	3.8	130
180	The formation of a NO-NH3 coadsorption complex on a Pt(l11) surface: a NEXAFS study. Catalysis Letters, 1996, 38, 165-170.	1.4	40

#	Article	IF	Citations
181	Near node photoelectron holography. Chemical Physics Letters, 1996, 256, 653-656.	1.2	15
182	Suppressed forward scattering in photoelectron holography. Progress in Surface Science, 1996, 53, 163-169.	3.8	4
183	Final-state scattering in angle-resolved ultraviolet photoemission from copper. Physical Review B, 1996, 53, 10209-10216.	1.1	47
184	Accuracy of alloy partial densities of states as determined by valence-band photoelectron diffraction. Physical Review B, 1995, 51, 9497-9507.	1.1	5
185	ON THE DISSOCIATION OF O2 ON ALKALI METALS. Surface Review and Letters, 1995, 02, 273-277.	0.5	14
186	Substrate mediated autoionization of benzene on graphite. Surface Science, 1995, 343, L1187-L1191.	0.8	11
187	Nonadiabatic processes during the oxidation of Li layers. Physical Review B, 1994, 50, 8755-8762.	1.1	37
188	Singlet-to-triplet conversion of metastable He atoms at alkali-metal overlayers. Physical Review B, 1994, 49, 10607-10612.	1.1	37
189	Emission of exoelectrons during oxidation of Cs via thermal activation of a metastableO2â^'surface species. Physical Review Letters, 1994, 72, 578-581.	2.9	42
190	Chemical hole diving. Chemical Physics Letters, 1994, 222, 292-296.	1.2	31
191	Exoelectron emission at Cs surfaces by accelerated O2 molecules. Chemical Physics Letters, 1994, 231, 119-122.	1.2	27
192	Dynamics of the interaction of O2 with Li surfaces. Surface Science, 1994, 313, L806-L810.	0.8	32
193	Negative particle emission from Cs/Ru(0001) surface during exposure to NO and NO2. Chemical Physics Letters, 1993, 208, 404-408.	1.2	25
194	Exoelectron emission during the oxidation of Na films. Surface Science, 1993, 280, 170-178.	0.8	23
195	Full-hemispherical photoelectron-diffraction data from Cu(001): Energy dependence and comparison with single-scattering-cluster simulations. Physical Review B, 1993, 47, 7462-7479.	1.1	99
196	Oâ^'escape during the oxidation of cesium. Physical Review Letters, 1993, 70, 1331-1334.	2.9	64
197	Symmetry breaking in photon-induced A1LVVAuger decays. Physical Review B, 1992, 45, 4540-4543.	1.1	24
198	Auger electron and photoelectron angular distributions from surfaces: Importance of the electron source wave. Physical Review Letters, 1992, 69, 1947-1950.	2.9	59

#	Article	IF	Citations
199	Holographic inversion of photoelectron diffraction patterns from Cu(001). Surface Science, 1992, 264, 380-390.	0.8	35
200	Comments on the correction of holographic images from forward-scattering diffraction patterns. Surface Science, 1992, 274, 441-448.	0.8	17
201	Submonolayer films of Au on Cu(001) studied by photoelectron diffraction. Surface Science, 1992, 269-270, 719-723.	0.8	32
202	X-ray photoelectron diffraction studies of Bi2Sr2CaCu2O8+x. Physica C: Superconductivity and Its Applications, 1992, 196, 236-240.	0.6	9
203	Enhanced plasmon-loss emission along Al[011] chains upon heating. Physical Review B, 1991, 44, 8958-8961.	1.1	9
204	Osterwalderet al. reply. Physical Review Letters, 1991, 66, 2835-2835.	2.9	1
205	Experimental full-solid-angle substrate photoelectron-diffraction data at 1-keV energies: Implications for photoelectron holography. Physical Review B, 1991, 44, 13764-13767.	1.1	112
206	Growth of Yb layers on Pd, PdHx and Al studied by 3d core level spectroscopy using SiKÎ± radiation. Vacuum, 1990, 41, 556-557.	1.6	1
207	On the growth of a metallic Ce film on SiO2. Vacuum, 1990, 41, 1439-1440.	1.6	6
208	Partial densities of states of alloys measured with x-ray-photoelectron diffraction:AuCu3(001). Physical Review Letters, 1990, 65, 3029-3032.	2.9	26
209	X-ray photoelectron diffraction from a free-electron-metal valence band: Evidence for hole-state localization. Physical Review Letters, 1990, 64, 2683-2686.	2.9	64
210	Interpretation of substrate photoelectron diffraction. Physical Review B, 1990, 42, 7350-7357.	1.1	43
211	Photoelectron diffraction from core levels and plasmon-loss peaks of aluminum. Physical Review B, 1990, 41, 12495-12501.	1.1	66
212	Aberration and Doppler shift: The cosmic background radiation and its rest frame. American Journal of Physics, 1990, 58, 942-945.	0.3	6
213	Material dependence of multiple-scattering effects associated with photoelectron and Auger electron diffraction along atomic chains. Surface Science, 1990, 239, 261-264.	0.8	46
214	Yb on Al: Substrate- and adsorbate-induced Yb contraction. Physical Review B, 1989, 40, 9948-9951.	1.1	4
215	Hydrogen from Water Vapor on a Ce-Pd Interface*. Zeitschrift Fur Physikalische Chemie, 1989, 164, 1213-1218.	1.4	5
216	Aberration and Doppler shift: An uncommon way to relativity. American Journal of Physics, 1988, 56, 333-338.	0.3	7

#	Article	IF	Citations
217	3 d Core Level Photoemission Spectra of Heavy Lanthanides: YbP. Europhysics Letters, 1987, 4, 755-759.	0.7	26
218	Yb 3d CORE-LEVEL PHOTOEMISSION OF YbN, YbP AND YbAs. Journal De Physique Colloque, 1987, 48, C9-943-C9-946.	0.2	8