Frank Stefan Tautz

List of Publications by Year
in descending order

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165	6,691	61984	69250
papers	citations	43 h-index	77 g-index

173	173	173	4802
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoscale tip positioning with a multi-tip scanning tunneling microscope using topography images. Review of Scientific Instruments, 2022, 93, 013702.	1.3	1
2	Hexacene on Cu(110) and Ag(110): Influence of the Substrate on Molecular Orientation and Interfacial Charge Transfer. Journal of Physical Chemistry C, 2022, 126, 5036-5045.	3.1	7
3	Design Principles for Metastable Standing Molecules. Journal of Physical Chemistry C, 2022, 126, 6880-6891.	3.1	2
4	Boron nitride on SiC(0001). Physical Review Materials, 2022, 6, .	2.4	1
5	Chargeâ€Promoted Selfâ€Metalation of Porphyrins on an Oxide Surface. Angewandte Chemie - International Edition, 2021, 60, 5078-5082.	13.8	17
6	LadungsunterstÃ¼tzte Selbstmetallierung von Porphyrinen auf OxidoberflÃchen. Angewandte Chemie, 2021, 133, 5138-5142.	2.0	3
7	Going beyond Pentacene: Photoemission Tomography of a Heptacene Monolayer on Ag(110). Journal of Physical Chemistry C, 2021, 125, 2918-2925.	3.1	7
8	Tracing orbital images on ultrafast time scales. Science, 2021, 371, 1056-1059.	12.6	42
9	kMap.py: A Python program for simulation and data analysis in photoemission tomography. Computer Physics Communications, 2021, 263, 107905.	7.5	13
10	A millikelvin scanning tunneling microscope in ultra-high vacuum with adiabatic demagnetization refrigeration. Review of Scientific Instruments, 2021, 92, 063701.	1.3	8
11	Resolving Ambiguity of the Kondo Temperature Determination in Mechanically Tunable Single-Molecule Kondo Systems. Journal of Physical Chemistry Letters, 2021, 12, 6320-6325.	4.6	14
12	Vertical position of Sr dopants in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:mi>x</mml superconductor. Physical Review B, 2021, 104, .	3.2	5
13	Lifting the Spinâ€Momentum Locking in Ultraâ€Thin Topological Insulator Films. Advanced Quantum Technologies, 2021, 4, 2100083.	3.9	6
14	A standing molecule as a coherent single-electron field emitter. , 2021, , .		0
15	The stabilization potential of a standing molecule. Science Advances, 2021, 7, eabj9751.	10.3	5
16	Controlling the electronic and physical coupling on dielectric thin films. Beilstein Journal of Nanotechnology, 2020, 11, 1492-1503.	2.8	6
17	Kekulene: On-Surface Synthesis, Orbital Structure, and Aromatic Stabilization. ACS Nano, 2020, 14, 15766-15775.	14.6	30
18	Surfactant-Mediated Epitaxial Growth of Single-Layer Graphene in an Unconventional Orientation on SiC. Physical Review Letters, 2020, 125, 106102.	7.8	13

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19	Autonomous robotic nanofabrication with reinforcement learning. Science Advances, 2020, 6, .	10.3	40
20	Parasitic conduction channels in topological insulator thin films. Physical Review B, 2020, 101, .	3.2	5
21	Inelastic electron tunneling spectroscopy for probing strongly correlated many-body systems by scanning tunneling microscopy. Physical Review B, 2020, 101, .	3.2	7
22	Room temperature in-situ measurement of the spin voltage of a BiSbTe3 thin film. Scientific Reports, 2020, 10, 2816.	3.3	9
23	Torricelli: A software to determine atomic spatial distributions from normal incidence x-ray standing wave data. Computer Physics Communications, 2019, 235, 502-513.	7.5	17
24	Can photoemission tomography be useful for small, strongly-interacting adsorbate systems?. New Journal of Physics, 2019, 21, 043003.	2.9	9
25	Identifying surface reaction intermediates with photoemission tomography. Nature Communications, 2019, 10, 3189.	12.8	18
26	The theory of scanning quantum dot microscopy. Journal of Physics Condensed Matter, 2019, 31, 475901.	1.8	5
27	Coverage-dependent anisotropy of the NTCDA/Ag(111) interface state dispersion. Physical Review B, 2019, 100, .	3.2	11
28	Coexisting Charge States in a Unary Organic Monolayer Film on a Metal. Journal of Physical Chemistry Letters, 2019, 10, 6438-6445.	4.6	18
29	Quantitative imaging of electric surface potentials with single-atom sensitivity. Nature Materials, 2019, 18, 853-859.	27.5	31
30	Quantitative analysis of the electronic decoupling of an organic semiconductor molecule at a metal interface by a monolayer of hexagonal boron nitride. Physical Review B, 2019, 99, .	3.2	9
31	In-situ four-tip STM investigation of the transition from 2D to 3D charge transport in SrTiO3. Scientific Reports, 2019, 9, 2476.	3.3	9
32	Momentum microscopy on the micrometer scale: photoemission micro-tomography applied to single molecular domains. Journal of Physics Condensed Matter, 2019, 31, 114003.	1.8	5
33	Surface structures of tellurium on Si(111)â€“(7Ã—7) studied by low-energy electron diffraction and scanning tunneling microscopy. Surface Science, 2019, 681, 130-133.	1.9	4
34	Role of the Central Metal Atom in Substrate-Mediated Molecular Interactions in Phthalocyanine-Based Heteromolecular Monolayers. Journal of Physical Chemistry C, 2018, 122, 8491-8504.	3.1	9
35	Non-dipolar effects in photoelectron-based normal incidence X-ray standing wave experiments. Journal of Electron Spectroscopy and Related Phenomena, 2018, 222, 106-116.	1.7	22
36	In situ disentangling surface state transport channels of a topological insulator thin film by gating. Npj Quantum Materials, 2018, 3, .	5.2	14

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37	Lateral scattering potential of the PTCDA/Ag(111) interface state. Physical Review B, 2018, 98, .	3.2	13
38	Molecular Model of a Quantum Dot Beyond the Constant Interaction Approximation. Physical Review Letters, 2018, 120, 206801.	7.8	14
39	Adsorption of 3,4,9,10-Perylenetetracarboxylic Acid Dianhydride on the Cu₃Au(111) Surface Studied by Normal-Incidence X-ray Standing Waves. Journal of Physical Chemistry C, 2018, 122, 10904-10917.	3.1	2
40	A standing molecule as a single-electron field emitter. Nature, 2018, 558, 573-576.	27.8	41
41	On the decoupling of molecules at metal surfaces. Chemical Communications, 2018, 54, 9039-9042.	4.1	22
42	Dependence of the adsorption height of graphenelike adsorbates on their dimensionality. Physical Review B, 2018, 98, .	3.2	3
43	Two-degree-of-freedom control combining machine learning and extremum seeking for fast scanning quantum dot microscopy. , 2018, , .		8
44	Quantum interference effects in molecular spin hybrids. Physical Review B, 2017, 95, .	3.2	11
45	Low vibration laboratory with a single-stage vibration isolation for microscopy applications. Review of Scientific Instruments, 2017, 88, 023703.	1.3	19
46	Electron energy loss spectroscopy with parallel readout of energy and momentum. Review of Scientific Instruments, 2017, 88, 033903.	1.3	14
47	Charge Transfer and Orbital Level Alignment at Inorganic/Organic Interfaces: The Role of Dielectric Interlayers. ACS Nano, 2017, 11, 6252-6260.	14.6	80
48	Controlling the growth of multiple ordered heteromolecular phases by utilizing intermolecular repulsion. Nature Materials, 2017, 16, 628-633.	27.5	22
49	Energy Ordering of Molecular Orbitals. Journal of Physical Chemistry Letters, 2017, 8, 208-213.	4.6	38
50	Determination of the adsorption geometry of PTCDA on the Cu(100) surface. Physical Review B, 2017, 96, .	3.2	13
51	Adsorption-induced symmetry reduction of metal-phthalocyanines studied by vibrational spectroscopy. Physical Review B, 2017, 96, .	3.2	3
52	Long Vertical Distance Bonding of the Hexagonal Boron Nitride Monolayer on the Cu(111) Surface. Journal of Physical Chemistry C, 2017, 121, 23964-23973.	3.1	29
53	Understanding the photoemission distribution of strongly interacting two-dimensional overlayers. Physical Review B, 2017, 96, .	3.2	25
54	Perspectives of Molecular Manipulation and Fabrication. Advances in Atom and Single Molecule Machines, 2017, , 253-319.	0.0	2

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55	Compact extreme ultraviolet source for laboratory-based photoemission spectromicroscopy. Applied Physics Letters, 2016, 108, .	3.3	8
56	A chemically driven quantum phase transition in a two-molecule Kondo system. Nature Physics, 2016, 12, 867-873.	16.7	49
57	Adsorption geometry and interface states: Relaxed and compressed phases of NTCDA/Ag(111). Physical Review B, 2016, 94, .	3.2	13
58	Charge transfer and symmetry reduction at the CuPc/Ag(110) interface studied by photoemission tomography. Physical Review B, 2016, 94, .	3.2	25
59	Control on a molecular scale: A perspective. , 2016, , .		7
60	Manipulation on a molecular level: towards controlled molecular 3D printing. , 2016, , .		0
61	Elektronenorbitale in 3D. Physik in Unserer Zeit, 2016, 47, 192-198.	0.0	0
62	Au enrichment and vertical relaxation of theCu3Au(111)surface studied by normal-incidence x-ray standing waves. Physical Review B, 2016, 93, .	3.2	8
63	Scanning quantum dot microscopy: A quantitative method to measure local electrostatic potential near surfaces. Japanese Journal of Applied Physics, 2016, 55, 08NA04.	1.5	8
64	Transformation of metallic boron into substitutional dopants in graphene on6Hâ˜SiC(0001). Physical Review B, 2016, 93, .	3.2	5
65	Structural and Electronic Properties of Nitrogen-Doped Graphene. Physical Review Letters, 2016, 116, 126805.	7.8	64
66	Hand Controlled Manipulation of Single Molecules via a Scanning Probe Microscope with a 3D Virtual Reality Interface. Journal of Visualized Experiments, 2016, , .	0.3	3
67	Switching orientation of adsorbed molecules: Reverse domino on a metal surface. Surface Science, 2016, 643, 98-107.	1.9	17
68	Transfering spin into an extended<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ï€</mml:mi></mml:math>orbital of a large molecule. Physical Review B, 2015, 91, .	3.2	24
69	Modification of the PTCDA-Ag bond by forming a heteromolecular bilayer film. Physical Review B, 2015, 91, .	3.2	24
70	Quantitative Prediction of Molecular Adsorption: Structure and Binding of Benzene on Coinage Metals. Physical Review Letters, 2015, 115, 036104.	7.8	89
71	Virtual reality visual feedback for hand-controlled scanning probe microscopy manipulation of single molecules. Beilstein Journal of Nanotechnology, 2015, 6, 2148-2153.	2.8	18
72	Approaching Truly Freestanding Graphene: The Structure of Hydrogen-Intercalated Graphene on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mn>6</mml:mn><mml:mi>H</mml:mi></mml:mrow><mml:mtext>-SiC</mml:mtext><mml:mrow mathvariant="bold">(</mml:mo><mml:mn>0001</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 47 Td (mathvariant="bold"	14	

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73	Electron Energy Loss of Terrylene Deposited on Au(111): Vibrational and Electronic Spectroscopy. Journal of Physical Chemistry C, 2015, 119, 277-283.	3.1	15
74	Scanning Quantum Dot Microscopy. Physical Review Letters, 2015, 115, 026101.	7.8	80
75	Tailoring metalâ€“organic hybrid interfaces: heteromolecular structures with varying stoichiometry on Ag(111). New Journal of Physics, 2015, 17, 023046.	2.9	15
76	Exploring three-dimensional orbital imaging with energy-dependent photoemission tomography. Nature Communications, 2015, 6, 8287.	12.8	76
77	Coverage-driven dissociation of azobenzene on Cu(111): a route towards defined surface functionalization. Chemical Communications, 2015, 51, 15324-15327.	4.1	13
78	The interplay between interface structure, energy level alignment and chemical bonding strength at organicâ€“metal interfaces. Physical Chemistry Chemical Physics, 2015, 17, 1530-1548.	2.8	100
79	Scanning Tunnelling Microscopy with Single Molecule Force Sensors. Nanoscience and Technology, 2015, , 275-301.	1.5	1
80	Patterning a hydrogen-bonded molecular monolayer with a hand-controlled scanning probe microscope. Beilstein Journal of Nanotechnology, 2014, 5, 1926-1932.	2.8	23
81	The role of surface corrugation and tip oscillation in single-molecule manipulation with a non-contact atomic force microscope. Beilstein Journal of Nanotechnology, 2014, 5, 202-209.	2.8	12
82	Non-additivity of molecule-surface van der Waals potentials from force measurements. Nature Communications, 2014, 5, 5568.	12.8	65
83	Adsorption height alignment at heteromolecular hybrid interfaces. Physical Review B, 2014, 89, .	3.2	19
84	Origin of High-Resolution IETS-STM Images of Organic Molecules with Functionalized Tips. Physical Review Letters, 2014, 113, 226101.	7.8	165
85	Imaging the wave functions of adsorbed molecules. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 605-610.	7.1	75
86	Mechanism of high-resolution STM/AFM imaging with functionalized tips. Physical Review B, 2014, 90, .	3.2	438
87	Direct Evidence of the Temperature-Induced Molecular Reorientation in Tetracene Thin Films on AlO_x/Ni₃Al(111). Journal of Physical Chemistry C, 2014, 118, 22678-22682.	3.1	3
88	Unexpected interplay of bonding height and energy level alignment at heteromolecular hybrid interfaces. Nature Communications, 2014, 5, 3685.	12.8	79
89	X-ray standing wave simulations based on Fourier vector analysis as a method to retrieve complex molecular adsorption geometries. Frontiers in Physics, 2014, 2, .	2.1	9
90	Focal-Series Reconstruction in Low-Energy Electron Microscopy. Microscopy and Microanalysis, 2014, 20, 968-973.	0.4	6

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91	Adsorption height determination of nonequivalent C and O species of PTCDA on Ag(110) using x-ray standing waves. Physical Review B, 2013, 87, .	3.2	51
92	Spontaneous Change in Molecular Orientation at Orderâ€“Disorder Transition of Tetracene on Ag(111). Journal of Physical Chemistry C, 2013, 117, 9212-9222.	3.1	9
93	Energy offsets within a molecular monolayer: the influence of the molecular environment. New Journal of Physics, 2013, 15, 033017.	2.9	35
94	Tuning and probing interfacial bonding channels for a functionalized organic molecule by surface modification. Physical Review B, 2013, 87, .	3.2	8
95	Calibrating atomic-scale force sensors installed at the tip apex of a scanning tunneling microscope. Physical Review B, 2013, 87, .	3.2	21
96	Quantification of finite-temperature effects on adsorption geometries of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï€</mml:mi></mml:math>-conjugated molecules: Azobenzene/Ag(111). Physical Review B, 2013, 88, .	3.2	43
97	Spectral properties of a molecular wire in the Kondo regime. Physica Status Solidi (B): Basic Research, 2013, 250, 2386-2393.	1.5	11
98	Commensurate Registry and Chemisorption at a Hetero-organic Interface. Physical Review Letters, 2012, 108, 106103.	7.8	43
99	Role of functional groups in surface bonding of planar<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï€</mml:mi></mml:math>-conjugated molecules. Physical Review B, 2012, 86, .	3.2	66
100	Orbital tomography for highly symmetric adsorbate systems. Europhysics Letters, 2012, 100, 26008.	2.0	45
101	Measurement of the Binding Energies of the Organic-Metal Perylene-Teracarboxylic-Dianhydride/Au(111) Bonds by Molecular Manipulation Using an Atomic Force Microscope. Physical Review Letters, 2012, 109, 076102.	7.8	72
102	Single Molecule and Single Atom Sensors for Atomic Resolution Imaging of Chemically Complex Surfaces. Journal of the American Chemical Society, 2011, 133, 16847-16851.	13.7	104
103	Dynamical bistability of single-molecule junctions: A combined experimental and theoretical study of PTCDA on Ag(111). Physical Review B, 2011, 84, .	3.2	12
104	Ab initiostudy of a mechanically gated molecule: From weak to strong correlation. Physical Review B, 2011, 84, .	3.2	26
105	Structure and growth of tetracene on Ag(111). Physical Review B, 2011, 84, .	3.2	27
106	Orbital tomography: Deconvoluting photoemission spectra of organic molecules. Physical Review B, 2011, 84, .	3.2	99
107	Electrical transport through a mechanically gated molecular wire. Physical Review B, 2011, 83, .	3.2	37
108	Force-controlled lifting of molecular wires. Physical Review B, 2011, 84, .	3.2	59

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109	Modeling intermolecular interactions of physisorbed organic molecules using pair potential calculations. Journal of Chemical Physics, 2011, 135, 234703.	3.0	28
110	Imaging Pauli Repulsion in Scanning Tunneling Microscopy. Physical Review Letters, 2010, 105, 086103.	7.8	135
111	Bulky spacer groups â€“ A valid strategy to control the coupling of functional molecules to surfaces?. Chemical Physics Letters, 2010, 499, 247-249.	2.6	24
112	Normal-incidence x-ray standing-wave determination of the adsorption geometry of PTCDA on Ag(111): Comparison of the ordered room-temperature and disordered low-temperature phases. Physical Review B, 2010, 81, .	3.2	77
113	Structure and Energetics of Azobenzene on Ag(111): Benchmarking Semiempirical Dispersion Correction Approaches. Physical Review Letters, 2010, 104, 036102.	7.8	222
114	Direct Imaging of Intermolecular Bonds in Scanning Tunneling Microscopy. Journal of the American Chemical Society, 2010, 132, 11864-11865.	13.7	106
115	Site-Specific Polarization Screening in Organic Thin Films. Physical Review Letters, 2009, 102, 177405.	7.8	27
116	A Comparative Study of a Triphenylene Tricarbonyl Chromium Complex and Its Uncoordinated Arene Ligand on the Ag(111) Surface: Influence of the Complexation on the Adsorption. Journal of Physical Chemistry C, 2009, 113, 6014-6021.	3.1	2
117	Quantum transport through STM-lifted single PTCDA molecules. Applied Physics A: Materials Science and Processing, 2008, 93, 335-343.	2.3	18
118	Fundamental interface properties in OFETs: Bonding, structure and function of molecular adsorbate layers on solid surfaces. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 511-525.	1.8	9
119	A novel method achieving ultra-high geometrical resolution in scanning tunnelling microscopy. New Journal of Physics, 2008, 10, 053012.	2.9	158
120	Kondo effect by controlled cleavage of a single-molecule contact. Nanotechnology, 2008, 19, 065401.	2.6	114
121	Bonding and vibrational dynamics of a large Ï€-conjugated molecule on a metal surface. Journal of Physics Condensed Matter, 2008, 20, 224010.	1.8	6
122	Role of Intermolecular Interactions on the Electronic and Geometric Structure of a Large<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï€</mml:mi></mml:math>-Conjugated Molecule Adsorbed on a Metal Surface. Physical Review Letters, 2008, 100, 136103.	7.8	147
123	Comment on â€œElectron Core-Hole Interaction and Its Induced Ionic Structural Relaxation in Molecular Systems under X-Ray Irradiationâ€• Physical Review Letters, 2007, 99, 059601; discussion 059602.	7.8	4
124	Adsorption structure and scanning tunneling data of a prototype organic-inorganic interface: PTCDA on Ag(111). Physical Review B, 2007, 76, .	3.2	136
125	Growth of pentacene on Ag(111) surface: A NEXAFS study. Applied Surface Science, 2007, 254, 103-107.	6.1	28
126	Structure and bonding of large aromatic molecules on noble metal surfaces: The example of PTCDA. Progress in Surface Science, 2007, 82, 479-520.	8.3	349

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127	Vertical bonding distances of PTCDA on Au(111) and Ag(111): Relation to the bonding type. Surface Science, 2007, 601, 1566-1573.	1.9	145
128	Molecular Flexibility as a Factor Affecting the Surface Ordering of Organic Adsorbates on Metal Substrates. Langmuir, 2006, 22, 9572-9579.	3.5	4
129	Structure and Bonding of the Multifunctional Amino Acidl-DOPA on Au(110). Journal of Physical Chemistry B, 2006, 110, 23756-23769.	2.6	58
130	Free-electron-like dispersion in an organic monolayer film on a metal substrate. Nature, 2006, 444, 350-353.	27.8	247
131	Strong dispersion of the surface optical phonon of silicon carbide in the near vicinity of the surface Brillouin zone center. Surface Science, 2006, 600, 2886-2893.	1.9	15
132	Surface phonons of clean, hydrogen- and deuterium-terminated Si(001) surfaces. Surface Science, 2006, 600, 3446-3455.	1.9	9
133	The interplay between molecular orientation, film morphology and luminescence properties of tetracene thin films on epitaxial AlOx/Ni3Al(111). Surface Science, 2006, 600, 4679-4689.	1.9	11
134	Lateral adsorption geometry and site-specific electronic structure of a large organic chemisorbate on a metal surface. Physical Review B, 2006, 74, .	3.2	126
135	Surface phonons of clean and hydrogen terminated Si(1 1 0) surfaces. Surface Science, 2005, 582, 159-172.	1.9	12
136	Formation of molecular order on a disordered interface layer: Pentacene/Ag(111). Physical Review B, 2005, 72, .	3.2	65
137	Molecular Distortions and Chemical Bonding of a Largeï€-Conjugated Molecule on a Metal Surface. Physical Review Letters, 2005, 94, 036106.	7.8	258
138	HauschildetÂal.Reply:. Physical Review Letters, 2005, 95, .	7.8	62
139	Structure, bonding, and growth at a metalâ€“organic interface in the weak chemisorption regime: Peryleneâ€“Ag(111). Journal of Materials Research, 2004, 19, 2028-2039.	2.6	28
140	Polycyclic aromates on close-packed metal surfaces: functionalization, molecular chemisorption and organic epitaxy. New Journal of Physics, 2004, 6, 4-4.	2.9	52
141	Understanding and tuning the epitaxy of large aromatic adsorbates by molecular design. Nature, 2003, 425, 602-605.	27.8	234
142	Strong electron-phonon coupling at a metal/organic interface: PTCDA/Ag(111). Physical Review B, 2002, 65, .	3.2	92
143	A comparison of the chemisorption behaviour of PTCDA on different Ag surfaces. Surface Science, 2002, 502-503, 176-184.	1.9	41
144	Strong K-induced changes in perylene-tetracarboxylic-dianhydride films on Ag(110) studied by HREELS and LEED. Surface Science, 2001, 482-485, 1241-1248.	1.9	33

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145	Polarity, Morphology and Reactivity of Epitaxial GaN Films on Al2O3(0001). Physica Status Solidi A, 2000, 177, 5-14.	1.7	13
146	Substrate influence on the ordering of organic submonolayers: a comparative study of PTCDA on Ag(110) and Ag(111) using HREELS. Applied Surface Science, 2000, 166, 363-369.	6.1	26
147	Vibrational properties of ultrathin PTCDA films on Ag(110). Physical Review B, 2000, 61, 16933-16947.	3.2	67
148	Differences in vibronic and electronic excitations of PTCDA on Ag(111) and Ag(110). Surface Science, 2000, 454-456, 60-66.	1.9	43
149	Reassessment of core-level photoemission spectra of reconstructed SiC(0001) surfaces. Surface Science, 2000, 470, L25-L31.	1.9	22
150	Reactivity and morphology of $(10overline{12})$-faceted and (3 Ã— 3)-reconstructed GaN(0001bar) epilayers grown on sapphire(0001). Journal of Physics Condensed Matter, 1999, 11, 8035-8048.	1.8	7
151	Surface state-derived electronic transitions of SiC(001). Surface Science, 1999, 420, 87-94.	1.9	8
152	Structural, vibrational and electronic properties of faceted GaN (0001Ì„) surfaces. Surface Science, 1999, 427-428, 250-256.	1.9	15
153	Photoelectron spectroscopy at clean and hydrogenated c(2 Ã— 2)-SiC(100) surfaces. Applied Surface Science, 1998, 123-124, 17-21.	6.1	14
154	Ultimate resolution electron energy loss spectroscopy at H/Si(100) surfaces. Journal of Applied Physics, 1998, 84, 6636-6643.	2.5	54
155	Collective Surface Excitations in 3C-SiC(100). Materials Science Forum, 1998, 264-268, 347-350.	0.3	6
156	Surface plasmons at MOCVD-grown GaN. Semiconductor Science and Technology, 1998, 13, 1396-1400.	2.0	19
157	Hydrogen On Semiconductor Surfaces. Materials Research Society Symposia Proceedings, 1998, 513, 3.	0.1	3
158	Investigation of modified 3C SiC(100) surfaces by surface-sensitive techniques. Diamond and Related Materials, 1997, 6, 1353-1357.	3.9	12
159	Neutron-diffraction study of antiferromagnetic order in U(Pt, Pd)3. Physica B: Condensed Matter, 1997, 230-232, 49-52.	2.7	17
160	The magnetic phase diagram of UPt3 alloyed with Pd. Physica B: Condensed Matter, 1996, 223-224, 178-180.	2.7	2
161	The nature of elementary excitations below and above the metamagnetic transition in CeRu2Si2. Physica B: Condensed Matter, 1995, 206-207, 29-32.	2.7	51
162	Low energy excitations of highly correlated electron systems. Journal of Low Temperature Physics, 1994, 95, 39-43.	1.4	1

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163	Quantum oscillation measurements of band magnetism in UPt3 and CeRu2Si2. Physica B: Condensed Matter, 1994, 199-200, 63-66.	2.7	33
164	Landau theory revisited. Ferroelectrics, 1992, 128, 255-264.	0.6	13
165	Fundamental Interface Properties in OFETs: Bonding, Structure and Function of Molecular Adsorbate Layers on Solid Surfaces. , 0, , 235-262.		0