Rainer H Fink

List of Publications by Year
in descending order

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177 papers	5,993 citations	66343 42 h-index	85541 71 g-index
180 all docs	180 docs citations	180 times ranked	7176 citing authors

#	Article	IF	Citations
1	Exploring the Preparation Dependence of Crystalline 2D-Extended Ultrathin C8-BTBT-C8 Films. ACS Applied Materials & Interfaces, 2022, 14, 16830-16838.	8.0	6
2	Seeing structural evolution of organic molecular nano-crystallites using 4D scanning confocal electron diffractionÂ(4D-SCED). Nature Communications, 2022, 13, .	12.8	6
3	X-ray microscopy reveals the outstanding craftsmanship of Siberian Iron Age textile dyers. Scientific Reports, 2021, 11, 5141.	3.3	7
4	Medieval nanotechnology: Thickness determination of Zwischgold samples. Journal of Cultural Heritage, 2021, 49, 211-221.	3.3	4
5	Tailored Solutionâ€Based N â€heterotriangulene Thin Films: Unravelling the Selfâ€Assembly. ChemPhysChem, 2021, 22, 1079-1087.	2.1	1
6	Structural characterization of Î±,Ï‰-DH6T monolayer films grown at the liquidâ€“liquid interface. Soft Matter, 2021, 17, 9765-9771.	2.7	3
7	Nanolithographic Topâ€Down Patterning of Polyoxovanadateâ€Based Nanostructures with Switchable Electrical Resistivity. ChemNanoMat, 2020, 6, 1620-1624.	2.8	1
8	From 2D STXM to 3D Imaging: Soft X-ray Laminography of Thin Specimens. Nano Letters, 2020, 20, 1305-1314.	9.1	40
9	Soft x-ray microscopy with 7 nm resolution. Optica, 2020, 7, 1602.	9.3	31
10	Hot electron injection into semiconducting polymers in polymer based-perovskite solar cells and their fate. Nanoscale, 2019, 11, 23357-23365.	5.6	3
11	Complex Monolayer Growth Dynamics of a Highly Symmetric Molecule: NTCDA on Ag(111). Journal of Physical Chemistry C, 2019, 123, 8244-8255.	3.1	2
12	Influence of Substrate Bonding and Surface Morphology on Dynamic Organic Layer Growth: Perylenetetracarboxylic Dianhydride on Au(111). Langmuir, 2018, 34, 5444-5453.	3.5	3
13	In-situ spectroscopic analysis of the traditional dyeing pigment Turkey red inside textile matrix. Journal of Instrumentation, 2018, 13, C03007-C03007.	1.2	1
14	Exploiting atomic layer deposition for fabricating sub-10 nm X-ray lenses. Microelectronic Engineering, 2018, 191, 91-96.	2.4	21
15	Overcoming Microstructural Limitations in Water Processed Organic Solar Cells by Engineering Customized Nanoparticulate Inks. Advanced Energy Materials, 2018, 8, 1702857.	19.5	48
16	X-ray computed tomography study of the flight-adapted tracheal system in the blowfly Calliphora vicina analysing the ventilation mechanism and flow-directing valves. Journal of Experimental Biology, 2018, 221, .	1.7	12
17	Investigation of the foil structure and corrosion mechanisms of modern Zwischgold using advanced analysis techniques. Journal of Cultural Heritage, 2018, 31, 122-132.	3.3	8
18	Low Dose and Time Efficient Molar Fraction STXM Analysis for Binary Material Systems. Microscopy and Microanalysis, 2018, 24, 472-473.	0.4	0

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19	Focused Soft X-Ray Beam Induced Deposition: Recent Advances to a Novel Approach for Fabrication of Metallic Nanostructures. Microscopy and Microanalysis, 2018, 24, 116-117.	0.4	2
20	STXMdeconv - a MATLAB Script for the Deconvolution of STXM Images. Microscopy and Microanalysis, 2018, 24, 122-123.	0.4	2
21	Overcoming efficiency and stability limits in water-processing nanoparticular organic photovoltaics by minimizing microstructure defects. Nature Communications, 2018, 9, 5335.	12.8	91
22	In-operando soft X-ray microspectroscopy of organic electronics devices. Microscopy and Microanalysis, 2018, 24, 424-425.	0.4	0
23	Improved charge carrier dynamics in polymer/perovskite nanocrystal based hybrid ternary solar cells. Physical Chemistry Chemical Physics, 2018, 20, 23674-23683.	2.8	13
24	7 nm Spatial Resolution in Soft X-ray Microscopy. Microscopy and Microanalysis, 2018, 24, 272-273.	0.4	29
25	Robot-Based High-Throughput Engineering of Alcoholic Polymer: Fullerene Nanoparticle Inks for an Eco-Friendly Processing of Organic Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 23225-23234.	8.0	45
26	Exploring the fabrication of Co and Mn nanostructures with focused soft x-ray beam induced deposition. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2017, 35, 031601.	1.2	7
27	Suppression of Hysteresis Effects in Organohalide Perovskite Solar Cells. Advanced Materials Interfaces, 2017, 4, 1700007.	3.7	57
28	Crystallization of Sensitizers Controls Morphology and Performance in Si-/C-PCPDTBT-Sensitized P3HT:ICBA Ternary Blends. Macromolecules, 2017, 50, 2415-2423.	4.8	27
29	Microsphere Assisted Super-resolution Optical Imaging of Plasmonic Interaction between Gold Nanoparticles. Scientific Reports, 2017, 7, 13789.	3.3	20
30	A generic interface to reduce the efficiency-stability-cost gap of perovskite solar cells. Science, 2017, 358, 1192-1197.	12.6	554
31	Overcoming Interfacial Losses in Solutionâ€Processed Organic Multiâ€Junction Solar Cells. Advanced Energy Materials, 2017, 7, 1601959.	19.5	39
32	In-operando studies of Ag-TCNQ nanocrystals using Raman and soft x-ray microspectroscopy. Journal of Physics: Conference Series, 2017, 849, 012016.	0.4	0
33	Âμ-XRF Studies on the Colour Brilliance in Ancient Wool Carpets. Scanning, 2017, 2017, 1-7.	1.5	5
34	Matrix effects in the C 1s photoabsorption spectra of condensed naphthalene. Journal of Chemical Physics, 2016, 145, 234307.	3.0	4
35	Switching behaviour of individual Ag-TCNQ nanowires: anin situtransmission electron microscopy study. Nanotechnology, 2016, 27, 425703.	2.6	2
36	A single probe for imaging photons, electrons and physical forces. Nanotechnology, 2016, 27, 235705.	2.6	1

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37	On the magnetic properties of iron nanostructures fabricated via focused electron beam induced deposition and autocatalytic growth processes. Nanotechnology, 2016, 27, 355302.	2.6	10
38	Controlling additive behavior to reveal an alternative morphology formation mechanism in polymerâ€‰:â€‰fullerene bulk-heterojunctions. Journal of Materials Chemistry A, 2016, 4, 16136-16147.	10.3	22
39	Quantitative X-ray microscopic analysis of individual thermoresponsive microgel particles in aqueous solution. RSC Advances, 2016, 6, 98228-98233.	3.6	3
40	Additive fabrication of nanostructures with focused soft X-rays. RSC Advances, 2016, 6, 98344-98349.	3.6	8
41	Enhanced mechanical properties of PLA/PLAE blends via well-dispersed and compatilized nanostructures in the matrix. RSC Advances, 2016, 6, 25531-25540.	3.6	10
42	Reversible Photoswitching of a Spinâ€Crossover Molecular Complex in the Solid State at Room Temperature. Angewandte Chemie - International Edition, 2015, 54, 12976-12980.	13.8	112
43	A microspectroscopic insight into the resistivity switching of individual Agâ€“TCNQ nanocrystals. Physical Chemistry Chemical Physics, 2015, 17, 18278-18281.	2.8	5
44	Microspectroscopic soft X-ray analysis of keratin based biofibers. Micron, 2015, 70, 34-40.	2.2	4
45	Confocal soft X-ray scanning transmission microscopy: setup, alignment procedure and limitations. Journal of Synchrotron Radiation, 2015, 22, 113-118.	2.4	8
46	Nanomorphology in thin films of acetamide end-functionalised quaterthiophene. Thin Solid Films, 2015, 583, 108-114.	1.8	0
47	Direct observation of epitaxial organic film growth: temperature-dependent growth mechanisms and metastability. Physical Chemistry Chemical Physics, 2015, 17, 29150-29160.	2.8	21
48	Electron-beam induced deposition and autocatalytic decomposition of Co(CO)₃NO. Beilstein Journal of Nanotechnology, 2014, 5, 1175-1185.	2.8	23
49	Quantitative study of contrast enhancement in softÂX-ray micrographs of insect eyes by tissue selective mass loss. Journal of Synchrotron Radiation, 2014, 21, 1153-1159.	2.4	7
50	STXM goes 3D: Digital reconstruction of focal stacks as novel approach towards confocal soft x-ray microscopy. Ultramicroscopy, 2014, 144, 19-25.	1.9	30
51	Soft X-ray induced damage in PVA-based membranes in water environment monitored by X-ray absorption spectroscopy. Radiation Physics and Chemistry, 2014, 103, 84-88.	2.8	10
52	Dispersion and characterization of arc discharge single-walled carbon nanotubes â€“ towards conducting transparent films. Nanoscale, 2014, 6, 3695.	5.6	22
53	Morphology changes of ionic liquid encapsulating polymer microcontainers upon X-ray irradiation. RSC Advances, 2014, 4, 3272-3277.	3.6	9
54	Employing microspectroscopy to track charge trapping in operating pentacene OFETs. Organic Electronics, 2014, 15, 435-440.	2.6	13

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55	The role of solvation effects in the growth of TCNQ-based charge-transfer salts. Journal of Crystal Growth, 2013, 380, 34-38.	1.5	6
56	Oxidation-driven self-assembly gives access to high-nuclearity molecular copper vanadium oxide clusters. Chemical Science, 2013, 4, 418-424.	7.4	57
57	Nanostructure characterization by a combined x-ray absorption/scanning force microscopy system. Nanotechnology, 2012, 23, 475708.	2.6	30
58	Polarized X-ray scattering reveals non-crystalline orientational ordering in organic films. Nature Materials, 2012, 11, 536-543.	27.5	281
59	Structure, morphology and interface properties of ultrathin SnTTBPP(OH)2-films adsorbed on Ag(100). Physical Chemistry Chemical Physics, 2011, 13, 9839.	2.8	4
60	Structural Investigation on Thermoresponsive PVA/Poly(methacrylate-co-N-isopropylacrylamide) Microgels across the Volume Phase Transition. Macromolecules, 2011, 44, 4470-4478.	4.8	19
61	NanoXASâ€"The in situ Combination of Scanning Transmission X-ray and Scanning Probe Microscopy. , 2011, , .		2
62	New set-up for high-quality soft-X-ray absorption spectroscopy of large organic molecules in the gas phase. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 452-456.	1.7	8
63	In Situ Synchrotron Radiation Xâ€Ray Microspectroscopy of Polymer Microcontainers. ChemPhysChem, 2011, 12, 3503-3509.	2.1	7
64	Electron-vibron coupling in halogenated acenaphthenequinone upon O K-edge soft x-ray absorption. Journal of Chemical Physics, 2011, 135, 144301.	3.0	7
65	Double aberration correction in a low-energy electron microscope. Ultramicroscopy, 2010, 110, 1358-1361.	1.9	78
66	Water-dispersible PVA-based dry microballoons with potential for biomedical applications. Materials Science and Engineering C, 2010, 30, 412-416.	7.3	18
67	Microspectroscopic Analysis of the X-Ray-induced Photoreduction in Fe- and Mn-containing SMMs. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 390-398.	0.7	10
68	Surface sensitivity in scanning transmission x-ray microspectroscopy using secondary electron detection. Review of Scientific Instruments, 2010, 81, 033704.	1.3	23
69	Assignment of near-edge x-ray absorption fine structure spectra of metalloporphyrins by means of time-dependent density-functional calculations. Journal of Chemical Physics, 2010, 133, 054703.	3.0	59
70	In situ STXM investigations of pentacene-based OFETs during operation. Journal of Materials Chemistry, 2010, 20, 4884.	6.7	26
71	Disordering of an Organic Overlayer on a Metal Surface Upon Cooling. Science, 2010, 329, 303-305.	12.6	55
72	Novel Characterization Techniques of Microballoons. , 2010, , 109-127.		3

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73	Advanced X-ray diffractive optics. Journal of Physics: Conference Series, 2009, 186, 012078.	0.4	7
74	Advanced thin film technology for ultrahigh resolution X-ray microscopy. Ultramicroscopy, 2009, 109, 1360-1364.	1.9	111
75	Soft X-ray induced modifications of PVA-based microbubbles in aqueous environment: a microspectroscopy study. Physical Chemistry Chemical Physics, 2009, 11, 1098.	2.8	14
76	First differential phase contrast results from PolLux. Journal of Physics: Conference Series, 2009, 186, 012012.	0.4	0
77	Zone-Plate Based Nanospectroscopy with Soft X-Rays at the SLS. Acta Physica Polonica A, 2009, 115, 462-466.	0.5	4
78	The commensurate-to-incommensurate phase transition of an organic monolayer: A high resolution LEED analysis of the superstructures of NTCDA on Ag(111). Surface Science, 2008, 602, 2427-2434.	1.9	31
79	Soft X-ray spectromicroscopy of phase-change microcapsules. Micron, 2008, 39, 275-279.	2.2	15
80	Temperature-dependent X-ray microspectroscopy of phase-change coreâ€“shell microcapsules. Scripta Materialia, 2008, 59, 348-351.	5.2	7
81	In situ characterization of gas-filled microballoons using soft X-ray microspectroscopy. Soft Matter, 2008, 4, 510.	2.7	47
82	Quantitative Analysis of Scanning Transmission X-ray Microscopy Images of Gas-Filled PVA-Based Microballoons. Langmuir, 2008, 24, 13677-13682.	3.5	18
83	Electronic relaxation effects in condensed polyacenes: A high-resolution photoemission study. Journal of Chemical Physics, 2008, 129, 074702.	3.0	54
84	PolLux: A new facility for soft x-ray spectromicroscopy at the Swiss Light Source. Review of Scientific Instruments, 2008, 79, 113704.	1.3	222
85	The PolLux Microspectroscopy Beam line at the Swiss Light Source. AIP Conference Proceedings, 2007, , .	0.4	36
86	An energy-dispersive VUV beamline for NEXAFS and other CFS/CIS studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 470-475.	1.6	14
87	Influence of sample preparation and processing on observed glass transition temperatures of polymer nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 2270-2276.	2.1	28
88	Molecular adsorption and growth of naphthalene films on Ag(100). Surface Science, 2007, 601, 2089-2094.	1.9	14
89	Chemical bonding of PTCDA on Ag surfaces and the formation of interface states. Surface Science, 2006, 600, 1240-1251.	1.9	257
90	Influence of substrate morphology on organic layer growth: PTCDA on Ag(111). Chemical Physics, 2006, 325, 178-184.	1.9	70

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91	Resonant inelastic soft x-ray scattering of Be chalcogenides. Physical Review B, 2006, 73, .	3.2	29
92	Isotope effects in high-resolution NEXAFS spectra of naphthalene. Chemical Physics Letters, 2005, 415, 188-192.	2.6	17
93	A comparison of fine structures in high-resolution x-ray-absorption spectra of various condensed organic molecules. Journal of Chemical Physics, 2005, 123, 044509.	3.0	46
94	Configuration interaction simulation of the NEXAFS photoabsorption spectrum of naphthalene. Journal of the Brazilian Chemical Society, 2005, 16, .	0.6	12
95	Systematics of the4fenergies in a series of rare-earth organic complexes determined by resonant photoemission. Physical Review B, 2004, 70, .	3.2	7
96	Electron-Vibron Coupling in High-Resolution X-Ray Absorption Spectra of Organic Materials: NTCDA on Ag(111). Physical Review Letters, 2004, 93, 146406.	7.8	44
97	Structural and optical investigations of SiO2â€“CdS coreâ€“shell particles. Journal of Colloid and Interface Science, 2004, 278, 107-114.	9.4	32
98	Anharmonicity of the core-excited state potential of an organic molecule from NEXAFS vibronic fine structure. Chemical Physics Letters, 2004, 392, 297-302.	2.6	13
99	High-Resolution Photoemission Study of Different NTCDA Monolayers on Ag(111):Â Bonding and Screening Influences on the Line Shapesâ€. Journal of Physical Chemistry B, 2004, 108, 14741-14748.	2.6	57
100	Occupied and unoccupied states of the organic infrared emitters Yb- and Er-tris(8-hydroxyquinoline) studied by photoemission and X-ray absorption. Synthetic Metals, 2004, 142, 293-298.	3.9	13
101	Line shapes and satellites in high-resolution x-ray photoelectron spectra of large ï€-conjugated organic molecules. Journal of Chemical Physics, 2004, 121, 10260-10267.	3.0	117
102	4f energies in an organic-rare earth guest-host system: the rare earth tris-8-hydroxyquinolines. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 105, 41-43.	3.5	11
103	Towards a detailed understanding of the NEXAFS spectra of bulk polyethylene copolymers and related alkanes. Chemical Physics Letters, 2003, 370, 834-841.	2.6	67
104	Energy calibration and intensity normalization in high-resolution NEXAFS spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2003, 129, 1-8.	1.7	70
105	Characterisation of thin films of the organic infra-red emitters Yb- and Er-tris(8-hydroxyquinoline) by X-ray photoemission spectroscopy. Synthetic Metals, 2003, 139, 207-213.	3.9	20
106	Enhancement of photoluminescence in manganese-doped ZnS nanoparticles due to a silica shell. Journal of Chemical Physics, 2003, 118, 8945-8953.	3.0	78
107	Influence of As passivation on the electronic level alignment at BeTe/Si(111) interfaces. Physical Review B, 2003, 67, .	3.2	8
108	XPEEM WITH ENERGY-FILTERING: ADVANTAGES AND FIRST RESULTS FROM THE SMART PROJECT. Surface Review and Letters, 2002, 09, 223-232.	1.1	94

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109	Influence of step-induced anti-phase boundaries on the surface morphology of zincblende-type semiconductors. Europhysics Letters, 2002, 59, 552-558.	2.0	6
110	Energy level alignment at zinc blende Cd(Mn)Se/ZnTe/InAs(100) interfaces. Applied Physics Letters, 2002, 81, 3813-3815.	3.3	12
111	Investigations on chemically capped CdS, ZnS and ZnCdS nanoparticles. Applied Surface Science, 2001, 169-170, 438-446.	6.1	112
112	Semi-quantitative and non-destructive analysis of impurities at a buried interface: Na and the CdS/Cu(In,Ga)Se2 heterojunction. Surface and Interface Analysis, 2000, 30, 459-463.	1.8	12
113	Photoemission investigation of MBE-grown HgSe/CdSe heterostructures. Applied Surface Science, 2000, 166, 12-16.	6.1	6
114	Self-limitation of Na content at the CdS/Cu(In,Ga)Se 2 solar cell heterojunction. Thin Solid Films, 2000, 361-362, 360-363.	1.8	10
115	Lateral inhomogeneities of Cu(In,Ga)Se 2 absorber films. Thin Solid Films, 2000, 361-362, 258-262.	1.8	41
116	Electronic structure of HgSe(001) investigated by direct and inverse photoemission. Physical Review B, 2000, 61, 12666-12669.	3.2	11
117	Orientation and bonding of thiophene and 2,2â€²-bithiophene on Ag(111): a combined near edge extended X-ray absorption fine structure and XÎ± scattered-wave study. Surface Science, 2000, 452, 20-32.	1.9	73
118	Near Edge X-ray Absorption Fine Structure Resonances of Quinoide Molecules. Langmuir, 2000, 16, 6674-6681.	3.5	21
119	Photoemission study of the Na/ZnSe(100) interface. Physical Review B, 1999, 60, 8915-8923.	3.2	7
120	Substrate-dependent lateral order in naphthalene-tetracarboxylic-dianhydride monolayers. Physical Review B, 1999, 60, 2818-2826.	3.2	33
121	Localization of Na impurities at the buried CdS/Cu(In,â€ŠGa)Se2 heterojunction. Applied Physics Letters, 1999, 75, 2082-2084.	3.3	34
122	Detailed investigation of CdS nanoparticle surfaces by high-resolution photoelectron spectroscopy. Chemical Physics Letters, 1999, 306, 95-102.	2.6	91
123	Thermal Behaviour of CdS Nanoparticles Investigated by High Resolution Photoelectron Spectroscopy. Physica Status Solidi A, 1999, 173, 253-259.	1.7	32
124	Observation of intermixing at the buried CdS/Cu(In,â€ŠGa)Se2 thin film solar cell heterojunction. Applied Physics Letters, 1999, 74, 1451-1453.	3.3	131
125	Argon plasma-induced modifications at the surface of polycarbonate thin films. Applied Surface Science, 1998, 125, 273-286.	6.1	40
126	Aluminium metallisation of argon and oxygen plasma-modified polycarbonate thin film surfaces. Applied Surface Science, 1998, 136, 280-297.	6.1	15

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127	Characterization of high-quality NTCDA films on metal substrates. Journal of Electron Spectroscopy and Related Phenomena, 1998, 96, 11-17.	1.7	29
128	Coverage-dependent superstructures in chemisorbed NTCDA monolayers: a combined LEED and STM study. Surface Science, 1998, 414, 423-434.	1.9	55
129	Analysis of the x-ray absorption spectra of linear saturated hydrocarbons using the XÎ± scattered-wave method. Journal of Chemical Physics, 1998, 108, 3313-3320.	3.0	68
130	â€œManipulation" of molecular orientation in ultrathin organic films: NTCDA on Ag(111). Europhysics Letters, 1998, 41, 231-236.	2.0	47
131	SMART: An Aberration-Corrected XPEEM/LEEM with Energy Filter. Surface Review and Letters, 1998, 05, 1249-1256.	1.1	88
132	Termination, surface structure and morphology of the molecular beam epitaxially grown HgTe(001) surface. Applied Physics Letters, 1998, 73, 3205-3207.	3.3	14
133	Simulation of resonantly and off-resonantly excited x-ray emission spectra: An application for theXÎ±scattered-wave method. Physical Review A, 1998, 57, 4275-4278.	2.5	4
134	Influence of Na and H2O on the surface properties of Cu(In,Ga)Se2 thin films. Journal of Applied Physics, 1997, 82, 2411-2420.	2.5	43
135	Surface core-level shifts of the polar semiconductor Cd(Zn)Te(100). Physical Review B, 1997, 56, 2070-2078.	3.2	12
136	Formation of the Zn/CdTe(100) interface: Interdiffusion, segregation, and Cd-Zn exchange studied by photoemission. Physical Review B, 1997, 56, 13335-13345.	3.2	3
137	Segregation and interdiffusion effects during the formation of the Mn/Cd(Zn)Te(100) interface. Physical Review B, 1997, 56, 2085-2093.	3.2	4
138	Preparation and termination of well-defined CdTe(100) and Cd(Zn)Te(100) surfaces. Applied Physics Letters, 1997, 70, 1022-1024.	3.3	29
139	SMART: a planned ultrahigh-resolution spectromicroscope for BESSY II. Journal of Electron Spectroscopy and Related Phenomena, 1997, 84, 231-250.	1.7	149
140	PISAM: a photon-induced scanning Auger microscope. Journal of Electron Spectroscopy and Related Phenomena, 1997, 84, 9-28.	1.7	9
141	New insight into the optical properties of thin organic films by epitaxial preparation. Chemical Physics Letters, 1997, 266, 177-183.	2.6	52
142	Cobalt/copper multilayers studied by perturbed Î³-Î³ angular correlation spectroscopy. Surface Science, 1996, 355, 47-62.	1.9	5
143	Substrate-interaction, long-range order, and epitaxy of large organic adsorbates. Applied Physics A: Materials Science and Processing, 1996, 63, 565-576.	2.3	149
144	High-resolution luminescence of epitaxial organic films: quaterthiophene on Ag(111). Synthetic Metals, 1996, 83, 227-230.	3.9	14

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145	NEXAFS investigations of highly-ordered ultrathin films of DME-DCNQI on Ag(111). Thin Solid Films, 1996, 284-285, 234-237.	1.8	12
146	Naâ€innduced effects on the electronic structure and composition of Cu(In,Ga)Se2 thinâ€ffilm surfaces. Applied Physics Letters, 1996, 68, 3431-3433.	3.3	84
147	Adsorption-Induced Bending of a Triatomic Molecule: Near-Edge X-Ray Absorption Fine-Structure Spectroscopy Investigation ofN2O Adsorbed on Different Ni(111) Surfaces. Physical Review Letters, 1996, 76, 4749-4752.	7.8	48
148	MÃ¶ssPAC: A UHV-system for surface and thin film investigations using nuclear probes. Vacuum, 1995, 46, 1049-1052.	3.5	1
149	Surface andinterface studies with perturbed angular correlations. Hyperfine Interactions, 1993, 78, 261-280.	0.5	19
150	Non-reactive metal/semiconductor interfaces: a combined AES, AFM andPAC study. Hyperfine Interactions, 1993, 78, 295-301.	0.5	2
151	PAC investigations of Au(110) 1ï¿½2-surfaces. Hyperfine Interactions, 1993, 78, 303-308.	0.5	2
152	Compound formation at Pd(100)/In interfaces. Hyperfine Interactions, 1993, 78, 309-314.	0.5	3
153	Indium adsorption on silicon surfaces: a PAC study. Surface Science, 1993, 285, 81-92.	1.9	13
154	Indium adsorption sites at Pd(100) surfaces studied by PAC spectroscopy. Journal of Physics Condensed Matter, 1993, 5, 3837-3842.	1.8	14
155	Formation of an ultrathin amorphous layer at In/Pd interfaces observed by local and nonlocal techniques. Physical Review B, 1993, 47, 10048-10051.	3.2	13
156	Microscopic observation of atomic disorder near the roughening transition at vicinal copper surfaces. Physical Review Letters, 1993, 70, 2455-2458.	7.8	24
157	Nuclear probes for surface characterization. Physica Scripta, 1993, T49B, 554-559.	2.5	3
158	Microscopic Observation of a Superstructure Phase Transition: In/Si(100). Europhysics Letters, 1992, 19, 611-615.	2.0	12
159	Binding and mobility of isolated indium atoms on Si(111)7Ã—7. Physical Review Letters, 1992, 68, 377-380.	7.8	30
160	Magnetic hyperfine fields at uncovered ultrathin Ni films on Cu(100) substrates and at single-crystal Ni surfaces. Journal of Magnetism and Magnetic Materials, 1991, 93, 341-344.	2.3	10
161	Growth and melting behaviour of thin in films on Ge(100). Applied Physics A: Solids and Surfaces, 1991, 53, 324-329.	1.4	37
162	Interface compound formation and dependence on Inâ€layer thickness in Ni/In thinâ€ffilm systems. Applied Physics Letters, 1991, 58, 2904-2906.	3.3	11

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163	Monolayer-resolved detection of magnetic hyperfine fields at Cu/Ni(111) interfaces. Physical Review Letters, 1991, 66, 3199-3202.	7.8	28
164	Hyperfine-interaction studies of surfaces. Hyperfine Interactions, 1990, 60, 975-989.	0.5	17
165	Compound formation in Ni/In thin film systems. Hyperfine Interactions, 1990, 60, 1003-1006.	0.5	14
166	Diffusion of isolated In atoms on Ag and Cu surfaces. Vacuum, 1990, 41, 1643-1645.	3.5	1
167	Magnetic hyperfine fields in ultrathin Ni films on Cu(100). Applied Physics A: Solids and Surfaces, 1990, 51, 317-321.	1.4	12
168	Monolayer-resolved magnetic and electric hyperfine fields at Ni(111) surfaces. Vacuum, 1990, 41, 521-524.	3.5	1
169	Interface compound formation in Ni/In thin film couples. Vacuum, 1990, 41, 1325-1326.	3.5	0
170	Investigations of Ag(100)î—¸In and Ag(111)î—¸In interfaces with local probes. Thin Solid Films, 1990, 190, 153-162.	1.8	8
171	Magnetic hyperfine field atIn111probes in the topmost atomic layer of Ni(111) surfaces. Physical Review Letters, 1990, 64, 2202-2205.	7.8	27
172	Magnetic phase transition in a two-dimensional system:p(1Ã—1)-Ni on Cu(111). Physical Review B, 1990, 41, 2631-2634.	3.2	88
173	Step-correlated diffusion of in atoms on Ag(100) and Ag(111) surfaces. Surface Science, 1990, 225, 331-340.	1.9	28
174	The electric field gradient for single indium atoms on low-index silver surfaces. Journal of Physics Condensed Matter, 1989, 1, 7407-7418.	1.8	18
175	Surface investigations with PAC. Hyperfine Interactions, 1989, 49, 395-406.	0.5	10
176	Isolated indium atoms on copper surfaces: A perturbed Î³-Î³ angular correlation study. Surface Science, 1989, 216, 270-302.	1.9	74
177	Microscopic Observation of Step and Terrace Diffusion of Indium Atoms on Cu(111) Surfaces. Europhysics Letters, 1988, 7, 151-157.	2.0	48