

Stefan Heun

List of Publications by Year in descending order

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203
papers

4,314
citations

109137

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155451

55
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210
all docs

210
docs citations

210
times ranked

4767
citing authors

#	ARTICLE	IF	CITATIONS
1	3D arrangement of epitaxial graphene conformally grown on porousified crystalline SiC. Carbon, 2022, 189, 210-218. Rb-induced ($\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle T_j \text{ ETQq0 0 0 rgBT /Overlock 10 Tf 50 722 Td (altimg="st$	5.4	3
2		0.8	1
3	Evidence of Josephson Coupling in a Few-Layer Black Phosphorus Planar Josephson Junction. ACS Nano, 2022, 16, 3538-3545.	7.3	4
4	Morphology and electronic properties of incipient soot by scanning tunneling microscopy and spectroscopy. Combustion and Flame, 2022, 243, 111980.	2.8	9
5	To measure a magnon population. Nature Physics, 2022, 18, 3-4.	6.5	2
6	Hydrogen Spillover and Storage on Graphene with Single-Site Ti Catalysts. ACS Energy Letters, 2022, 7, 2297-2303.	8.8	14
7	Metamorphic InAs/InGaAs QWs with electron mobilities exceeding $7\text{Å}^{-1}105\text{cm}^2/\text{Vs}$. Journal of Crystal Growth, 2022, , 126768.	0.7	1
8	High-Mobility Free-Standing InSb Nanoflags Grown on InP Nanowire Stems for Quantum Devices. ACS Applied Nano Materials, 2021, 4, 5825-5833.	2.4	11
9	Black Phosphorus n-Type Doping by Cu: A Microscopic Surface Investigation. Journal of Physical Chemistry C, 2021, 125, 13477-13484.	1.5	7
10	Anyons in quantum Hall interferometry. Nature Reviews Physics, 2021, 3, 698-711.	11.9	24
11	Covalent organic functionalization of graphene nanosheets and reduced graphene oxide via 1,3-dipolar cycloaddition of azomethine ylide. Nanoscale Advances, 2021, 3, 5841-5852.	2.2	11
12	Gate-controlled supercurrent in ballistic InSb nanoflag Josephson junctions. Applied Physics Letters, 2021, 119, .	1.5	10
13	Nonclassical Longitudinal Magnetoresistance in Anisotropic Black Phosphorus. Physica Status Solidi - Rapid Research Letters, 2020, 14, 1900347.	1.2	8
14	Cascaded Quantum Hall Bisection and Applications to Quantum Metrology. Physical Review Applied, 2020, 14, .	1.5	5
15	Morphology and Magneto-transport in Exfoliated Graphene on Ultrathin Crystalline $\text{Si}_3\text{N}_4(0001)/\text{Si}(111)$. Advanced Materials Interfaces, 2020, 7, 1902175.	1.9	1
16	Ohmic contact engineering in few-layer black phosphorus: approaching the quantum limit. Nanotechnology, 2020, 31, 334002.	1.3	18
17	An atomically flat single-crystalline gold film thermometer on mica to study energy (heat) exchange at the nano-scale. Applied Surface Science, 2020, 512, 145658.	3.1	1
18	Enhanced ambient stability of exfoliated black phosphorus by passivation with nickel nanoparticles. Nanotechnology, 2020, 31, 275708.	1.3	28

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19	Two-Dimensional Semiconductors: Present and Future Challenges. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 2000041.	1.2	0
20	Toward Quantum Hall Effect in a Josephson Junction. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1800222.	1.2	29
21	Black Phosphorus/Palladium Nanohybrid: Unraveling the Nature of Pd Interaction and Application in Selective Hydrogenation. <i>Chemistry of Materials</i> , 2019, 31, 5075-5080.	3.2	43
22	Full electrostatic control of quantum interference in an extended trenched Josephson junction. <i>Physical Review B</i> , 2019, 99, .	1.1	15
23	Morphology of Ti on Monolayer Nanocrystalline Graphene and Its Unexpectedly Low Hydrogen Adsorption. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1572-1578.	1.5	6
24	STM study of exfoliated few layer black phosphorus annealed in ultrahigh vacuum. <i>2D Materials</i> , 2019, 6, 015005.	2.0	14
25	A Perspective on Recent Advances in Phosphorene Functionalization and Its Applications in Devices. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1476-1494.	1.0	49
26	Investigation of InAs-based devices for topological applications. , 2019, , .		2
27	Polymer-Based Black Phosphorus (bP) Hybrid Materials by in Situ Radical Polymerization: An Effective Tool To Exfoliate bP and Stabilize bP Nanoflakes. <i>Chemistry of Materials</i> , 2018, 30, 2036-2048.	3.2	57
28	Phosphorus oxide gate dielectric for black phosphorus field effect transistors. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	19
29	Hybrid nanocomposites of 2D black phosphorus nanosheets encapsulated in PMMA polymer material: new platforms for advanced device fabrication. <i>Nanotechnology</i> , 2018, 29, 295601.	1.3	24
30	Unraveling localized states in quasi free standing monolayer graphene by means of Density Functional Theory. <i>Carbon</i> , 2018, 130, 466-474.	5.4	7
31	Tuning Hydrogen Adsorption on Graphene by Gate Voltage. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11591-11597.	1.5	16
32	A sensitive calorimetric technique to study energy (heat) exchange at the nano-scale. <i>Nanoscale</i> , 2018, 10, 10079-10086.	2.8	5
33	Atomic and electronic structure of Si dangling bonds in quasi-free-standing monolayer graphene. <i>Nano Research</i> , 2018, 11, 864-873.	5.8	14
34	Surface structures of graphene covered Cu(103). <i>Japanese Journal of Applied Physics</i> , 2018, 57, 100301.	0.8	1
35	Heterogeneous nucleation of catalyst-free InAs nanowires on silicon. <i>Nanotechnology</i> , 2017, 28, 065603.	1.3	6
36	Perfecting the Growth and Transfer of Large Single-Crystal CVD Graphene: A Platform Material for Optoelectronic Applications. <i>Carbon Nanostructures</i> , 2017, , 113-124.	0.1	5

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37	Decoration of exfoliated black phosphorus with nickel nanoparticles and its application in catalysis. <i>Chemical Communications</i> , 2017, 53, 10946-10949.	2.2	55
38	Li-intercalated graphene on SiC(0001): An STM study. <i>Physical Review B</i> , 2017, 96, .	1.1	37
39	Manipulating quantum Hall edge channels in graphene through scanning gate microscopy. <i>Physical Review B</i> , 2017, 96, .	1.1	8
40	Dephasing in strongly anisotropic black phosphorus. <i>Physical Review B</i> , 2016, 94, .	1.1	16
41	Low-temperature quantum transport in CVD-grown single crystal graphene. <i>Nano Research</i> , 2016, 9, 1823-1830.	5.8	15
42	MBE growth of self-assisted InAs nanowires on graphene. <i>Semiconductor Science and Technology</i> , 2016, 31, 115005.	1.0	13
43	The Role of Water in the Preparation and Stabilization of High-Quality Phosphorene Flakes. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500441.	1.9	62
44	Efficient n-type doping in epitaxial graphene through strong lateral orbital hybridization of Ti adsorbate. <i>Carbon</i> , 2016, 109, 300-305.	5.4	7
45	Aharonov-Bohm interferometer based on π quantum dots in graphene nanoribbons. <i>Physical Review B</i> , 2016, 93, .		
46	Interedge backscattering in buried split-gate-defined graphene quantum point contacts. <i>Physical Review B</i> , 2016, 94, .	1.1	13
47	Revealing the Multibonding State between Hydrogen and Graphene-Supported Ti Clusters. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12974-12979.	1.5	21
48	Measurement of topological Berry phase in highly disordered graphene. <i>Physical Review B</i> , 2015, 92, .	1.1	11
49	Rapid CVD growth of millimetre-sized single crystal graphene using a cold-wall reactor. <i>2D Materials</i> , 2015, 2, 014006.	2.0	143
50	Bilayer-induced asymmetric quantum Hall effect in epitaxial graphene. <i>Semiconductor Science and Technology</i> , 2015, 30, 055007.	1.0	7
51	Increasing the active surface of titanium islands on graphene by nitrogen sputtering. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	31
52	Scanning gate imaging of quantum point contacts and the origin of the 0.7 anomaly. <i>Nano Research</i> , 2015, 8, 948-956.	5.8	7
53	Correlation between morphology and transport properties of quasi-free-standing monolayer graphene. <i>Applied Physics Letters</i> , 2014, 105, 221604.	1.5	19
54	Hydrogen storage with titanium-functionalized graphene. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	55

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55	Revealing the atomic structure of the buffer layer between SiC(0 0 0 1) and epitaxial graphene. Carbon, 2013, 51, 249-254.	5.4	135
56	Influence of Graphene Curvature on Hydrogen Adsorption: Toward Hydrogen Storage Devices. Journal of Physical Chemistry C, 2013, 117, 11506-11513.	1.5	125
57	Tuning of quantum interference in top-gated graphene on SiC. Physical Review B, 2013, 88, .	1.1	15
58	Imaging Fractional Incompressible Stripes in Integer Quantum Hall Systems. Physical Review Letters, 2012, 108, 246801.	2.9	29
59	Imaging backscattering through impurity-induced antidots in quantum Hall constrictions. Physical Review B, 2012, 86, .	1.1	15
60	Dynamic probe of atom exchange during monolayer growth. Physical Review B, 2012, 85, .	1.1	3
61	Large-Area Ohmic Top Contact to Vertically Grown Nanowires Using a Free-Standing Au Microplate Electrode. ACS Applied Materials & Interfaces, 2012, 4, 1860-1864.	4.0	7
62	Charge down and heat up. Nature Physics, 2012, 8, 640-641.	6.5	0
63	Probing the Gate-Voltage-Dependent Surface Potential of Individual InAs Nanowires Using Random Telegraph Signals. ACS Nano, 2011, 5, 2191-2199.	7.3	20
64	Ultra-thin high-quality silicon nitride films on Si(111). Europhysics Letters, 2011, 94, 16003.	0.7	12
65	Compositional mapping of semiconductor quantum dots and rings. Physics Reports, 2011, 500, 117-173.	10.3	59
66	Composition uniformity of site-controlled InAs/GaAs quantum dots. Journal of Crystal Growth, 2011, 323, 176-179.	0.7	7
67	Spatially resolved analysis of edge-channel equilibration in quantum Hall circuits. Physical Review B, 2011, 83, .	1.1	27
68	Impact of electron heating on the equilibration between quantum Hall edge channels. Physical Review B, 2011, 84, .	1.1	9
69	Photoemission Microscopy Studies of Quantum Dots and Rings. Journal of Nanoelectronics and Optoelectronics, 2011, 6, 20-33.	0.1	4
70	Selective control of edge-channel trajectories by scanning gate microscopy. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 1038-1041.	1.3	28
71	Coexistence of Vapor-Liquid-Solid and Vapor-Solid-Solid Growth Modes in Pd-Assisted InAs Nanowires. Small, 2010, 6, 1935-1941.	5.2	19
72	Surface compositional profiles of self-assembled InAs-GaAs quantum rings. , 2010, , .		2

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73	Pd-Assisted Growth of InAs Nanowires. <i>Crystal Growth and Design</i> , 2010, 10, 4197-4202.	1.4	21
74	Kinetics of the evolution of InAs/GaAs quantum dots to quantum rings: A combined x-ray, atomic force microscopy, and photoluminescence study. <i>Physical Review B</i> , 2009, 80, .	1.1	17
75	From nanoislands to nanowires: Growth of germanium on gallium-terminated silicon surfaces. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 1718-1722.	0.8	6
76	Surface compositional mapping of self-assembled InAs/GaAs quantum rings. <i>Journal of Crystal Growth</i> , 2009, 311, 1764-1766.	0.7	7
77	Electron Resist Behavior of Pd Hexadecanethiolate Examined Using X-ray Photoelectron Spectroscopy with Nanometric Lateral Resolution. <i>Langmuir</i> , 2009, 25, 1259-1264.	1.6	12
78	A numerical approach to quantify self-ordering among self-organized nanostructures. <i>Surface Science</i> , 2008, 602, 249-258.	0.8	17
79	Transport anisotropy in $\text{In}_{1-x}\text{Ga}_x\text{As}$ quantum dots and nanowires. <i>Physical Review B</i> , 2008, 77, .	0.75	1
80	Structural and Magnetic Properties of Epitaxial Fe and Ni Thin Films Grown on n-AlGaAs(001) Using Electrodeposition. <i>Electrochemical and Solid-State Letters</i> , 2008, 11, D43.	2.2	2
81	Catalytic Behavior of Individual Au Nanocrystals in the Local Anodic Oxidation of Si Surfaces. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13311-13316.	1.5	7
82	In situ nanoscale mapping of the chemical composition of surfaces and 3D nanostructures by photoelectron spectromicroscopy. <i>Nanotechnology</i> , 2008, 19, 265703.	1.3	4
83	Conductive atomic force microscopy of InAs/GaAs quantum rings. <i>Applied Physics Letters</i> , 2008, 92, 192105.	1.5	13
84	Experimental investigation of the spin reorientation of Co/Au based magnetic nanodot arrays. <i>Physical Review B</i> , 2008, 77, .	1.1	9
85	Domain Wall Spin Structures in 3d Metal Ferromagnetic Nanostructures. , 2008, , 281-293.		3
86	Adsorbate induced self-ordering of germanium nanoislands on Si(113). <i>New Journal of Physics</i> , 2007, 9, 392-392.	1.2	12
87	Layer-resolved imaging of domain wall interactions in magnetic tunnel junction-like trilayers. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 476204.	0.7	10
88	Alignment of Ge Nanoislands on Si(111) by Ga-Induced Substrate Self-Patterning. <i>Physical Review Letters</i> , 2007, 98, 066104.	2.9	28
89	Tuning the domain wall orientation in thin magnetic strips using induced anisotropy. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	31
90	Surface Concentration Mapping of InAs/GaAs Quantum Dots. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	2

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91	Morphology and Composition of InAs/GaAs Quantum Dots. Journal of Nanoscience and Nanotechnology, 2007, 7, 1721-1725.	0.9	7
92	Gold-Catalyzed Oxide Nanopatterns for the Directed Assembly of Ge Island Arrays on Si. Nano Letters, 2007, 7, 2655-2659.	4.5	20
93	Transformation of femtoliter metal cups to oxide cups: chemical mapping by scanning Auger spectroscopy. Applied Physics A: Materials Science and Processing, 2007, 87, 683-689.	1.1	0
94	Magnetic states in wide annular structures. Journal of Applied Physics, 2006, 99, 08G308.	1.1	12
95	Diffusion Dynamics during the Nucleation and Growth of Ge/Si Nanostructures on Si(111). Physical Review Letters, 2006, 96, 096103.	2.9	47
96	Observation of thermally activated domain wall transformations. Applied Physics Letters, 2006, 88, 052507.	1.5	96
97	Quantitative determination of domain wall coupling energetics. Applied Physics Letters, 2006, 88, 212510.	1.5	39
98	Photoelectron spectroscopy and microscopy of carbon nanotubes. Current Opinion in Solid State and Materials Science, 2006, 10, 53-59.	5.6	7
99	Orientation and interface effects on the structural and magnetic properties of MnAs-on-GaAs hybrid structures. European Physical Journal Special Topics, 2006, 132, 159-162.	0.2	6
100	Microscopy of mesoscopic ferromagnetic systems with slow electrons. Surface and Interface Analysis, 2006, 38, 1622-1627.	0.8	9
101	Chemical Mapping of Individual Semiconductor Nanostructures. Small, 2006, 2, 401-405.	5.2	28
102	X-ray induced variation of the chemistry of GaAs/AlAs oxide nanostructures. Nuclear Instruments & Methods in Physics Research B, 2006, 246, 39-44.	0.6	6
103	Temperature dependent low energy electron microscopy study of Ge growth on Si(113). Applied Surface Science, 2006, 252, 5321-5325.	3.1	6
104	The nature of charged zig-zag domains in MnAs thin films. Journal of Magnetism and Magnetic Materials, 2006, 305, 457-463.	1.0	16
105	Investigation of magnetically coupled ferromagnetic stripe arrays. Applied Physics A: Materials Science and Processing, 2006, 84, 231-236.	1.1	12
106	Chemistry and formation process of Ga(Al)As oxide during local anodic oxidation nanolithography. Surface Science, 2006, 600, 3739-3743.	0.8	9
107	Photoemission electron microscopy of individual single-walled carbon nanotubes. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 357-360.	0.8	12
108	Spectroscopic identification and imaging of surface processes occurring at microscopic and mesoscopic scales. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 361-366.	0.8	3

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109	Imaging low-dimensional magnetism with slow electrons. Applied Surface Science, 2005, 249, 38-44.	3.1	6
110	LEEM and XPEEM studies of C-AFM induced surface modifications of thermally grown SiO ₂ . Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1163-1166.	0.8	5
111	GaAs Oxide Desorption under Extreme Ultraviolet Photon Flux. Advanced Functional Materials, 2005, 15, 587-592.	7.8	12
112	Imaging of ferroelectric thin films by X-ray photoemission electron microscopy (XPEEM). Ultramicroscopy, 2005, 104, 169-175.	0.8	3
113	Nanomagnetism studies with spin-polarized low-energy electron microscopy and x-ray magnetic circular dichroism photoemission electron microscopy. Surface and Interface Analysis, 2005, 37, 239-243.	0.8	10
114	Energetically Driven Reorganization of a Modified Catalytic Surface under Reaction Conditions. Journal of the American Chemical Society, 2005, 127, 2351-2357.	6.6	37
115	Tailoring of the structural and magnetic properties of MnAs films grown on GaAs—Strain and annealing effects. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 1759.	1.6	37
116	Composition of Ge(Si) islands in the growth of Ge on Si(111) by x-ray spectromicroscopy. Journal of Applied Physics, 2005, 97, 043516.	1.1	40
117	Three-dimensional magnetic-flux-closure patterns in mesoscopic Fe islands. Physical Review B, 2005, 72, .	1.1	49
118	Selective metal electrodeposition through doping modulation of semiconductor surfaces. Applied Physics Letters, 2005, 86, 133108.	1.5	17
119	Virgin domain structures in mesoscopic Co patterns: Comparison between simulation and experiment. Journal of Applied Physics, 2005, 98, 043901.	1.1	37
120	Magnetic domain walls in T-shaped permalloy microstructures. Applied Physics Letters, 2005, 86, 152503.	1.5	4
121	Evidence of material mixing during local anodic oxidation nanolithography. Journal of Applied Physics, 2005, 98, 114303.	1.1	9
122	Imaging of magnetic nanodots on self-organized semiconductor substrates. Physical Review B, 2005, 71, .	1.1	11
123	Geometry-dependent head-to-head domain wall phase diagram and domain wall widths in ferromagnetic ring structures. , 2005, , .		0
124	Behavior of SiO ₂ nanostructures under intense extreme ultraviolet illumination. Journal of Applied Physics, 2005, 97, 104333.	1.1	4
125	DIP-PEN NANOLITHOGRAPHY USING COLLOIDAL INKS. International Journal of Nanoscience, 2005, 04, 921-934.	0.4	4
126	Desorption dynamics of oxide nanostructures fabricated by local anodic oxidation nanolithography. Journal of Applied Physics, 2005, 97, 114324.	1.1	18

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127	Self-organized 2D nanopatterns after low-coverage Ga adsorption on Si (1 1 1). New Journal of Physics, 2005, 7, 193-193.	1.2	18
128	Surface compositional gradients of InAs ⁺ GaAs quantum dots. Applied Physics Letters, 2005, 87, 223106.	1.5	29
129	Real-time low-energy electron microscopy study of Ga adsorption and facet array formation on Si(113). E-Journal of Surface Science and Nanotechnology, 2005, 3, 379-383.	0.1	6
130	Nanoscale Imaging and Spectroscopy with XPEEM. Hyomen Kagaku, 2005, 26, 721-728.	0.0	7
131	Composition of Ge(Si) islands in the growth of Ge on Si(111). Applied Physics Letters, 2004, 84, 4526-4528.	1.5	40
132	Tuning Surface Reactivity via Electron Quantum Confinement. Physical Review Letters, 2004, 93, 196103.	2.9	121
133	Dip-pen nanolithography with magnetic Fe ₂ O ₃ nanocrystals. Applied Physics Letters, 2004, 84, 5341-5343.	1.5	46
134	Spin configurations and classification of switching processes in ferromagnetic rings down to sub-dimensions. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1631-1636.	1.0	26
135	Direct observation of reaction-induced lateral redistribution of sub-monolayers of Au deposited on a Rh(110) surface. Surface Science, 2004, 566-568, 1130-1136.	0.8	15
136	Domain wall behaviour at constrictions in ferromagnetic ring structures. Physica B: Condensed Matter, 2004, 343, 343-349.	1.3	38
137	Observation of single-walled carbon nanotubes by photoemission microscopy. Carbon, 2004, 42, 559-563.	5.4	12
138	Spectromicroscopy of ultrathin Pd films on W(110):: Applied Surface Science, 2004, 238, 138-142.	3.1	7
139	Head-to-head domain-wall phase diagram in mesoscopic ring magnets. Applied Physics Letters, 2004, 85, 5637-5639.	1.5	118
140	Work functions of individual single-walled carbon nanotubes. Applied Physics Letters, 2004, 85, 127-129.	1.5	99
141	AFM anodization studied by spectromicroscopy. Nuclear Instruments & Methods in Physics Research B, 2003, 200, 46-51.	0.6	2
142	Spectro-microscopy of ultra-thin SiN films on Si(). Nuclear Instruments & Methods in Physics Research B, 2003, 200, 79-84.	0.6	10
143	Selective Activation and Passivation of Nanoparticle Catalysts through Substrate Mediation. Langmuir, 2003, 19, 10629-10631.	1.6	5
144	High lateral resolution spectroscopic imaging of surfaces: The undulator beamline "nanospectroscopy" at Elettra. European Physical Journal Special Topics, 2003, 104, 99-102.	0.2	45

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145	Wetting of Si surfaces by Au-Si liquid alloys. Journal of Applied Physics, 2003, 93, 3886-3892.	1.1	132
146	Direct observation of spin configurations and classification of switching processes in mesoscopic ferromagnetic rings. Physical Review B, 2003, 68, .	1.1	83
147	Extremely small diffusion constant of Cs in multiwalled carbon nanotubes. Journal of Applied Physics, 2002, 92, 7527-7531.	1.1	15
148	Atomic force microscope anodic oxidation studied by spectroscopic microscopy. Applied Physics Letters, 2002, 81, 2842-2844.	1.5	37
149	Electronic structure of carbon nanotubes studied by photoelectron spectromicroscopy. Physical Review B, 2002, 66, .	1.1	36
150	Low-energy electron microscopy/x-ray magnetic circular dichroism photoemission electron microscopy study of epitaxial MnAs on GaAs. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2002, 20, 2539.	1.6	28
151	X-RAY MAGNETIC CIRCULAR DICHROISM IMAGING IN A LOW ENERGY ELECTRON MICROSCOPE. Surface Review and Letters, 2002, 09, 171-176.	0.5	26
152	MORPHOLOGY AND CHEMISTRY OF S-TREATED GaAs(001) SURFACES. Surface Review and Letters, 2002, 09, 413-423.	0.5	1
153	Real examples of surface reconstructions determined by direct methods. Journal of Physics Condensed Matter, 2002, 14, 4075-4086.	0.7	6
154	Long-Term Oxidation Behaviour of Lead Sulfide Surfaces. Lecture Notes in Physics, 2002, , 111-120.	0.3	2
155	EFFECTS OF AIR EXPOSURE AND Cs DEPOSITION ON THE ELECTRONIC STRUCTURE OF MULTIWALLED CARBON NANOTUBES. Surface Review and Letters, 2002, 09, 431-435.	0.5	11
156	Photoelectron Spectroscopy with a Photoemission Electron Microscope. Lecture Notes in Physics, 2002, , 157-171.	0.3	1
157	Valence band alignment and work function of heteroepitaxial nanocrystals on GaAs(001). Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001, 19, 2057.	1.6	6
158	Local Au coverage as driving force for Au induced faceting of vicinal Si(001): a LEEM and XPEEM study. Surface Science, 2001, 480, 103-108.	0.8	9
159	Electronic structure of multi-walled carbon nanotubes studied by photoemission spectroscopy. AIP Conference Proceedings, 2001, , .	0.3	1
160	Electronic structure at carbon nanotube tips studied by photoemission spectroscopy. Physical Review B, 2001, 63, .	1.1	53
161	Core-level photoelectron spectroscopy from individual heteroepitaxial nanocrystals on GaAs(001). Physical Review B, 2001, 63, .	1.1	29
162	Spatial Variation of Au Coverage as the Driving Force for Nanoscopic Pattern Formation. Physical Review Letters, 2001, 86, 5088-5091.	2.9	31

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163	Transmission electron microscopy studies of the microstructure of Si layers grown on GaAs(001) under an excess As or Al flux. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2000, 80, 1055-1069.	0.6	2
164	Growth of thin metal films studied by spectromicroscopy. AIP Conference Proceedings, 2000, , .	0.3	1
165	Transmission electron microscopy studies of the microstructure of Si layers grown on GaAs(001) under an excess As or Al flux. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2000, 80, 1055-1069.	0.6	0
166	XPEEM Study of Liquid Au-Si Droplets on Si(111) near to the Eutectic Point. Defect and Diffusion Forum, 2000, 183-185, 181-188.	0.4	6
167	Surface diffusion of Au on Si(111): A microscopic study. Physical Review B, 2000, 61, 16121-16128.	1.1	45
168	<title>Microfocusing VLS-grating-based beamline for advanced microscopy</title>. , 1999, 3767, 271.		14
169	Nanospectroscopy at Elettra. Synchrotron Radiation News, 1999, 12, 25-29.	0.2	12
170	Zn _{0.85} Cd _{0.15} Se active layers on graded-composition In _x Ga _{1-x} As buffer layers. Journal of Applied Physics, 1999, 85, 8160-8169.	1.1	8
171	Optical layout of a beamline for photoemission microscopy. Journal of Synchrotron Radiation, 1999, 6, 957-963.	1.0	13
172	Lateral inhomogeneities in engineered Schottky barriers. Journal of Crystal Growth, 1999, 201-202, 795-799.	0.7	6
173	Cathodoluminescence from In _x Ga _{1-x} As Layers Grown on GaAs Using a Transmission Electron Microscope. Materials Research Society Symposia Proceedings, 1999, 588, 245.	0.1	3
174	Preliminary Spectromicroscopic Measurements of Self-Organized InAs Nanocrystals by SPELEEM. Japanese Journal of Applied Physics, 1999, 38, 556.	0.8	6
175	Lattice-matched Zn _{1-y} Cd _y Se/In _x Ga _{1-x} As(0 0 1) heterostructures. Journal of Crystal Growth, 1998, 184-185, 21-25.	0.7	1
176	SPELEEM: Combining LEEM and Spectroscopic Imaging. Surface Review and Letters, 1998, 05, 1287-1296.	0.5	242
177	Native extended defects in Zn _{1-y} Cd _y Se/In _x Ga _{1-x} As heterostructures. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1998, 16, 2334.	1.6	1
178	Strain and surface morphology in lattice-matched ZnSe/In _x Ga _{1-x} As heterostructures. Journal of Applied Physics, 1998, 83, 2504-2510.	1.1	10
179	Application of x-ray direct methods to surface reconstructions: The solution of projected superstructures. Physical Review B, 1998, 57, R4281-R4284.	1.1	27
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