

Yukio Hasegawa

List of Publications by Year in descending order

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194
papers

5,438
citations

87723

38
h-index

91712

69
g-index

195
all docs

195
docs citations

195
times ranked

4448
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of standing wave formation at surface steps using scanning tunneling spectroscopy. <i>Physical Review Letters</i> , 1993, 71, 1071-1074.	2.9	597
2	Nanofilm Allotrope and Phase Transformation of Ultrathin Bi Film on Si(111)-7 \times 7. <i>Physical Review Letters</i> , 2004, 93, 105501.	2.9	417
3	Dirac Fermions in Borophene. <i>Physical Review Letters</i> , 2017, 118, 096401.	2.9	353
4	Theory of electronic diamagnetism in two-dimensional lattices. <i>Physical Review Letters</i> , 1989, 63, 907-910.	2.9	224
5	Scanning tunneling microscopy study of fullerenes. <i>Progress in Surface Science</i> , 1996, 51, 263-408.	3.8	151
6	Field ion-scanning tunneling microscopy. <i>Progress in Surface Science</i> , 1990, 33, 3-89.	3.8	139
7	Na Adsorption on the Si(111)-7 \times 7 Surface: From Two-Dimensional Gas to Nanocluster Array. <i>Physical Review Letters</i> , 2003, 91, 126101.	2.9	110
8	Variation of the local work function at steps on metal surfaces studied with STM. <i>Physical Review B</i> , 1998, 58, 1193-1196.	1.1	105
9	Superconducting Pb Island Nanostructures Studied by Scanning Tunneling Microscopy and Spectroscopy. <i>Physical Review Letters</i> , 2008, 101, 167001.	2.9	102
10	Manipulation of the Reconstruction of the Au(111) Surface with the STM. <i>Science</i> , 1992, 258, 1763-1765.	6.0	96
11	Structures of GaN(0001)-(2 \times 2), -(4 \times 4), and -(5 \times 5) Surface Reconstructions. <i>Physical Review Letters</i> , 1999, 82, 3074-3077.	2.9	96
12	Comparison of force sensors for atomic force microscopy based on quartz tuning forks and length-extensional resonators. <i>Physical Review B</i> , 2011, 84, .	1.1	94
13	Field ion-scanning tunneling microscopy of alkali metal adsorption on the Si(100) surface. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1990, 8, 233-237.	0.9	92
14	Stabilization of flux states on two-dimensional lattices. <i>Physical Review B</i> , 1990, 41, 9174-9182.	1.1	90
15	STM study of C ₂ H ₂ adsorption on Si(001). <i>Physical Review B</i> , 1997, 56, 4648-4655.	1.1	86
16	High Resolution Atomic Force Microscopic Imaging of the Si(111)-7 \times 7 Surface: Contribution of Short-Range Force to the Images. <i>Physical Review Letters</i> , 2002, 89, 266105.	2.9	80
17	Adsorption of Li (K) on the Si(001)-(2 \times 1) surface: Scanning-tunneling-microscopy study. <i>Physical Review B</i> , 1990, 41, 9688-9691.	1.1	79
18	Atomic structure of faceted planes of three-dimensional InAs islands on GaAs(001) studied by scanning tunneling microscope. <i>Applied Physics Letters</i> , 1998, 72, 2265-2267.	1.5	79

#	ARTICLE	IF	CITATIONS
19	Imaging of all Dangling Bonds and their Potential on theGe/Si(105)Surface by Noncontact Atomic Force Microscopy. Physical Review Letters, 2004, 93, 266102. Imaging Josephson Vortices on the Surface Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mi>Si</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>111</mml:mn><mml:mo> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td (stretchy="false"></mml:mo></mml:mrow></mml:mrow></mml:math>	2.9	78
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#	ARTICLE	IF	CITATIONS
37	Atomically resolved imaging by low-temperature frequency-modulation atomic force microscopy using a quartz length-extension resonator. <i>Review of Scientific Instruments</i> , 2008, 79, 033703.	0.6	41
38	Nanoscale Chemical Imaging by Scanning Tunneling Microscopy Assisted by Synchrotron Radiation. <i>Physical Review Letters</i> , 2009, 102, 105503.	2.9	41
39	Nonmetallic transport property of the Si(111)7 \times 7 surface. <i>Physical Review B</i> , 2003, 68, .	1.1	39
40	FI-STM study of alkali metal adsorption on Si surfaces. <i>Surface Science</i> , 1991, 246, 189-194.	0.8	37
41	Field-ion scanning tunneling microscopy study of the atomic structure of 6H-SiC(0001) surfaces cleaned by in situ Si molecular beam etching. <i>Journal of Applied Physics</i> , 1996, 80, 2524-2526.	1.1	36
42	In-rich 4 \times 2 reconstruction in novel planar growth of InAs on GaAs(001). <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1997, 15, 1270.	1.6	34
43	Element specific imaging by scanning tunneling microscopy combined with synchrotron radiation light. <i>Applied Physics Letters</i> , 2006, 89, 243119.	1.5	34
44	New versatile room-temperature field ion scanning tunneling microscopy. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1990, 8, 324-326.	0.9	31
45	STM study of one-dimensional cluster formation of fullerenes: Dimerization of Y@C ₈₂ . <i>Physical Review B</i> , 1997, 56, 6470-6473.	1.1	30
46	Scanning tunneling microscope equipped with a field ion microscope. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1989, 7, 1684-1688.	0.9	29
47	Local work function for Cu(111)-Au surface studied by scanning tunneling microscopy. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1997, 15, 1861.	1.6	28
48	Development and trial measurement of synchrotron-radiation-light-illuminated scanning tunneling microscope. <i>Review of Scientific Instruments</i> , 2004, 75, 2149-2153.	0.6	27
49	Fabrication of a glass-coated metal tip for synchrotron-radiation-light-irradiated scanning tunneling microscopy. <i>Review of Scientific Instruments</i> , 2005, 76, 083711.	0.6	24
50	Improvement of a dynamic scanning force microscope for highest resolution imaging in ultrahigh vacuum. <i>Review of Scientific Instruments</i> , 2008, 79, 083701.	0.6	24
51	A role of a tip geometry on STM images. <i>Journal of Microscopy</i> , 1988, 152, 347-354.	0.8	23
52	Ballistic electron emission in silicene-silicon interfaces. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1991, 9, 578.	1.6	23
53	Microscopic origin of the $\bar{\Gamma}$ states in epitaxial silicene. <i>Applied Physics Letters</i> , 2014, 104, 021605.	1.5	23
54	Electrical Conductivity through a Single Atomic Step Measured with the Proximity-Induced Superconducting Pair Correlation. <i>Physical Review Letters</i> , 2016, 117, 116802.	2.9	23

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55	Quantized Hall conductance and its sign reversal in field-induced spin-density waves. <i>Physical Review B</i> , 1994, 50, 921-931.	1.1	22
56	Atom probe investigation of III-V semiconductors: Comparison of voltage-pulse and laser-pulse modes. <i>Review of Scientific Instruments</i> , 1986, 57, 1378-1380.	0.6	21
57	Scanning tunneling microscopy/spectroscopy of picene thin films formed on Ag(111). <i>Journal of Chemical Physics</i> , 2014, 141, 114701.	1.2	21
58	Initial Stages of Cubic GaN Growth on the GaAs(001) Surface Studied by Scanning Tunneling Microscopy. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L1486-L1489.	0.8	20
59	Atomistic study of metastable phases in an Al-3wt.%-Li-0.12wt.%-Zr alloy. <i>Scripta Metallurgica</i> , 1986, 20, 1131-1136.	1.2	19
60	Electronic properties of nanometer-size metal-semiconductor point contacts studied by STM. <i>Applied Surface Science</i> , 1994, 76-77, 347-352.	3.1	19
61	C60 single crystal films on GaAs (001) surfaces. <i>Thin Solid Films</i> , 1996, 281-282, 618-623.	0.8	19
62	Adsorption and film growth of C60 on the GaAs(001) 2 \times 6 surface by molecular-beam epitaxy. <i>Physical Review B</i> , 1996, 53, 1985-1989.	1.1	19
63	Barrier-Height Imaging of Oxygen-Adsorbed Si(111) 7 \times 7 Surfaces. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 3860-3863.	0.8	19
64	Electron standing-wave observation in the Pd overlayer on Au(111) and Cu(111) surfaces by scanning tunneling microscopy. <i>Physical Review B</i> , 2001, 64, .	1.1	19
65	Direct evidence of the contribution of surface states to the Kondo resonance. <i>Physical Review B</i> , 2009, 80, .	1.1	19
66	Extraordinary growth of C[sub 60] on a GaAs(001) As-rich 2 \times 4 surface. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1997, 15, 1628.	1.6	18
67	Scanning Tunneling Microscopy Barrier-Height Imaging of Shockley Dislocations on a Au(111) Reconstructed Surface. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 4277-4280.	0.8	17
68	Surface states of a Pd monolayer formed on a Au(111) surface studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2006, 74, .	1.1	17
69	Laser etching on the Cl-saturated Si(111) 7 \times 7 surface at 266 nm studied by scanning tunnelling microscopy. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 8435-8440.	0.7	16
70	Disorder-induced suppression of superconductivity in the Si(111) 7 \times 3-In surface: Scanning tunneling microscopy study. <i>Physical Review B</i> , 2015, 92, .	1.1	16
71	Alkali-metal adsorption on silicon surfaces studied by field ion-scanning tunneling microscopy (FISTM). <i>Applied Surface Science</i> , 1991, 48-49, 119-124.	3.1	15
72	Structural and vibrational properties of 6H-SiC(0001) surfaces studied using STM/HREELS. <i>Surface Science</i> , 1997, 385, 60-65.	0.8	15

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73	Atomic Structure of Faceted Planes of InAs Quantum Dots on GaAs(001) Studied by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 1999, 38, 500-503.	0.8	15
74	Site-Dependent Evolution of Electrical Conductance from Tunneling to Atomic Point Contact. Physical Review Letters, 2015, 114, 206801.	2.9	15
75	Probing electrical transport, electron interference, and quantum size effects at surfaces with STM/STS. IBM Journal of Research and Development, 1995, 39, 603-616.	3.2	14
76	Surface reconstruction and morphology evolution in highly strained InAs epilayer growth on GaAs(001). Applied Physics Letters, 2000, 76, 1071-1073.	9.7	14
77	Trapping and squeezing of vortices in voids directly observed by scanning tunneling microscopy and spectroscopy. Physical Review B, 2013, 87, .	1.1	14
78	Atomic-scale visualization of surface-assisted orbital order. Science Advances, 2017, 3, eaao0362.	4.7	14
79	Spatial and temperature dependence of the spectroscopic profile of a magnetic atom adsorbed on a metal surface—Co/Cu(111). Journal of Applied Physics, 2003, 94, 334-341.	1.1	13
80	Adsorption, manipulation and self-assembling of TBrPP-Co molecules on a Ag/Si(111) surface by scanning tunnelling microscopy. Nanotechnology, 2008, 19, 465707.	1.3	13
81	Local Excitation of Ferromagnetic Resonance and Its Spatially Resolved Detection With an Open-Ended Radio-Frequency Probe. IEEE Magnetics Letters, 2010, 1, 3500104-3500104.	0.6	13
82	Electronic and magnetic effects of a stacking fault in cobalt nanoscale islands on the Ag(111) surface. Physical Review B, 2015, 92, .	1.1	13
83	Compressed Sensing in Scanning Tunneling Microscopy/Spectroscopy for Observation of Quasi-Particle Interference. Journal of the Physical Society of Japan, 2016, 85, 093702.	0.7	13
84	Unconventional superconductivity in the single-atom-layer alloy Si(111)- δ - Sb_x -(Ti,Pb). Physical Review B, 2018, 98, .	1.1	13
85	Observation of the relaxation processes that follow atom removal from the Au(111) surface with the scanning tunneling microscope. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1994, 12, 1797.	1.6	12
86	Geometrical capacitance of the tip-semiconductor junction. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1996, 14, 1219-1222.	0.9	12
87	Steps on the Au/Cu(111) surface studied by local work function measurement with STM. Applied Physics A: Materials Science and Processing, 1998, 66, S1125-S1128.	1.1	12
88	Detection of X-ray Induced Current Using a Scanning Tunneling Microscope and its Spatial Mapping for Elemental Analysis. Japanese Journal of Applied Physics, 1998, 37, L1271-L1273.	0.8	11
89	X-ray source combined ultrahigh-vacuum scanning tunneling microscopy for elemental analysis. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 2676.	1.6	11
90	Modification of electron density in surface states: standing wave observation on Pd overlayers by STM. Surface Science, 2002, 514, 84-88.	0.8	11

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91	Potential profile around step edges of Si surface measured by nc-AFM. Applied Surface Science, 2002, 188, 386-390.	3.1	11
92	Surface geometry of MBE-grown GaAs(001) surface phases. Thin Solid Films, 1996, 281-282, 556-561.	0.8	10
93	Observation of Clean and Oxygen-Adsorbed Pt(113) Surfaces by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 2000, 39, 3562-3565.	0.8	10
94	A theoretical analysis of quantum mirages on a Cu(111) surface. Surface Science, 2002, 514, 89-94.	0.8	10
95	Real-Space Observation of Screened Potential and Friedel Oscillation by Scanning Tunneling Spectroscopy. Journal of Physics: Conference Series, 2007, 61, 399-403.	0.3	10
96	Electron compound nature in a surface atomic layer of a two-dimensional hexagonal lattice. Physical Review B, 2010, 82, .	1.1	10
97	Role of the substrate in the formation of chiral magnetic structures driven by the interfacial Dzyaloshinskii-Moriya interaction. Physical Review B, 2017, 95, .	1.1	10
98	DETECTION EFFICIENCY OF FLARED-TYPE MICRO CHANNELPLATES APPLIED FOR ToF ATOM-PROBE FIM. Journal De Physique Colloque, 1986, 47, C7-509-C7-513.	0.2	10
99	Interaction of C[sub 60] with the (3Å-3) and (ã~š3Å-ã~š3) surfaces of 6H-SiC(0001): Adsorption, decomposition, and SiC growth. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1997, 15, 1300.	1.6	9
100	Si- and C-rich structure of the 6H-SiC(0001) surface. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1997, 15, 1307.	1.6	9
101	Dimer structure of the Si(0 0 1)2\$times;1 surface observed by low-temperature scanning tunneling microscope. Physica B: Condensed Matter, 2003, 329-333, 1644-1646.	1.3	9
102	Nanoscale lithography with frequency-modulation atomic force microscopy. Review of Scientific Instruments, 2008, 79, 123706.	0.6	9
103	Pressure-induced superconductivity in boron-doped Buckypapers. Applied Physics Letters, 2009, 95, .	1.5	9
104	Summary Abstract: Combined field ion and scanning tunneling microscope. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1988, 6, 803-804.	0.9	8
105	Calculation of Noise Intensity in the Frequency Demodulation for Atomic Force Microscopy. Japanese Journal of Applied Physics, 2004, 43, L303-L305.	0.8	8
106	Observation of the screened potential and the Friedel oscillation by low-temperature scanning tunneling microscopy/spectroscopy. Applied Surface Science, 2009, 256, 469-474.	3.1	8
107	Experimental verification of the rotational type of chiral spin spiral structures by spin-polarized scanning tunneling microscopy. Scientific Reports, 2017, 7, 13269.	1.6	8
108	Precipitation of metastable Î² in Al-1.9Li-2.5Mg alloy. Materials Science and Technology, 1994, 10, 222-226.	0.8	7

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109	Scanning tunneling microscopy of N ₂ H ₄ on silicon surfaces. <i>Surface Science</i> , 1997, 380, 481-488.	0.8	7
110	Local work function measurement on Bi ₂ Sr ₂ CaCu ₂ O _y single crystal with STM. <i>Solid State Communications</i> , 1998, 105, 533-535.	0.9	7
111	Observation of Vortex Clustering in Nano-Size Superconducting Pb Island Structures by Low-Temperature Scanning Tunneling Microscopy/Spectroscopy. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1375-1378.	0.8	7
112	Superconducting proximity effect on a Rashba-split Pb/Ge(111)- $\sqrt{3}\times\sqrt{3}$ surface. <i>Superconductor Science and Technology</i> , 2016, 29, 084006.	1.8	7
113	Guided Molecular Assembly on a Locally Reactive 2D Material. <i>Advanced Materials</i> , 2017, 29, 1703929.	11.1	7
114	Scanning tunneling microscopy on cleaved Mn ₃ Sn(0001) surface. <i>Scientific Reports</i> , 2019, 9, 9677.	1.6	7
115	Multiband superconductivity in strongly hybridized WTe_2 heterostructures. <i>Physical Review B</i> , 2022, 105, .		7
116	Barrier-Height Imaging of Si(001) 2×2 structure. <i>Japanese Journal of Applied Physics</i> , 1998, 37, 3785-3788.	0.8	6
117	Erasable nanometer-scale modification at the Au/Si interface by ballistic electron emission microscopy. <i>Applied Physics Letters</i> , 1999, 75, 3668-3670.	1.5	6
118	Pressure-induced superconductivity and phonon frequency in paperlike thin films of boron-doped carbon nanotubes. <i>Physical Review B</i> , 2010, 82, .	1.1	6
119	Insensitivity of atomic point contact conductance to a moiré structure. <i>Physical Review B</i> , 2016, 93, .	1.1	6
120	Size-Dependent Superconductivity of Pb Islands under Magnetic Fields Studied by Low-Temperature Scanning Tunneling Microscopy/Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L880-L882.	0.8	5
121	Functional Probes for Scanning Probe Microscopy. <i>Journal of Physics: Conference Series</i> , 2007, 61, 22-25.	0.3	5
122	The thinnest superconductor. <i>Nature Physics</i> , 2010, 6, 80-81.	6.5	5
123	Tip-induced excitation of a single vortex in nano-size superconductors using scanning tunneling microscopy. <i>Nanotechnology</i> , 2010, 21, 465704.	1.3	5
124	PRECIPITATION PROCESS OF Al-Sc ALLOYS. <i>Journal De Physique Colloque</i> , 1987, 48, C6-337-C6-342.	0.2	5
125	Effect of surface polarity on gallium adsorption on 6H-SiC surfaces. <i>Applied Physics Letters</i> , 1997, 71, 2776-2778.	1.5	4
126	Defect-induced electronic structures on SnSe surfaces. <i>Japanese Journal of Applied Physics</i> , 2019, 58, S11A06.	0.8	4

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127	Enhanced critical magnetic field for monoatomic-layer superconductor by Josephson junction steps. <i>Physical Review B</i> , 2021, 103, .	1.1	4
128	FIM AND ATOM-PROBE STUDY OF POLYMERS. <i>Journal De Physique Colloque</i> , 1987, 48, C6-269-C6-274.	0.2	4
129	Development of Scanning Tunneling Potentiometry for Semiconducting Samples. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 125202.	0.8	4
130	Atom-probe study of the decomposition process of an Al _i -Zn alloy. <i>Scripta Metallurgica</i> , 1989, 23, 231-236.	1.2	3
131	Surface geometry of GaAs(001) surface Ga-rich phases grown by molecular beam epitaxy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1996, 217-218, 193-197.	2.6	3
132	C60 single crystal films on GaAs/InAs(001) surfaces. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1996, 217-218, 27-33.	2.6	3
133	STM study on one-dimensional cluster formation processes of Y@C82 and C60 molecules. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1996, 217-218, 23-26.	2.6	3
134	Adsorption of N2H4 on silicon surfaces. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1997, 15, 1155-1158.	0.9	3
135	Initial Adsorption and Kondo Resonance of 5,10,15,20-Tetrakis(4-bromophenyl)porphyrin@Co Molecules on Ag/Si(111) Surface Studied by Low-Temperature Scanning Tunneling Microscopy/Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 08JB01.	0.8	3
136	Self-Assembly of TBrPP-Co Molecules on an Ag/Si(111) Surface Studied by Scanning Tunneling Microscopy. <i>Chinese Physics Letters</i> , 2010, 27, 026801.	1.3	3
137	Development of Scanning Tunneling Potentiometry for Semiconducting Samples. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 125202.	0.8	3
138	Thermally assisted penetration and exclusion of single vortex in mesoscopic superconductors. <i>Physical Review B</i> , 2012, 85, .	1.1	3
139	Direct visualization of surface phase of oxygen molecules physisorbed on Ag(111) surface: A two-dimensional quantum spin system. <i>Physical Review B</i> , 2016, 93, .	1.1	3
140	Bulk ferromagnetic tips for spin-polarized scanning tunneling microscopy. <i>Review of Scientific Instruments</i> , 2019, 90, 013704.	0.6	3
141	Role of one-dimensional defects in the electrical transport through Si(111)~7Å-7 surface states. <i>Physical Review B</i> , 2019, 99, .	1.1	3
142	Reduction in magnetic coercivity of Co nanomagnets by Fe alloying. <i>Nanoscale</i> , 2021, 13, 16719-16725.	2.8	3
143	Mesoscopic Work Function Measurement by Scanning Tunneling Microscopy. <i>Advances in Materials Research</i> , 2000, , 167-191.	0.2	3
144	Pressure dependence of Meissner effect in films of ropes of boron-doped carbon nanotubes. <i>Superlattices and Microstructures</i> , 2009, 46, 333-339.	1.4	2

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145	Spatial variation in local work function as an origin of moiré contrast in scanning tunneling microscopy images of Pb thin films/Si(111). Japanese Journal of Applied Physics, 2016, 55, 08NA03.	0.8	2
146	Robust perpendicular magnetization of Co nanomagnets against alloy composition. Physical Review B, 2021, 104, .	1.1	2
147	Structures of 6H-SiC Surfaces. European Physical Journal Special Topics, 1996, 06, C5-167-C5-172.	0.2	2
148	A STUDY OF G.P. ZONES IN Al-Cu ALLOYS BY ATOM-PROBE FIM. Journal De Physique Colloque, 1986, 47, C2-171-C2-177.	0.2	2
149	ATOM-PROBE STUDY OF METAL-SiC INTERFACES. Journal De Physique Colloque, 1986, 47, C7-309-C7-314.	0.2	2
150	Development of ultralow temperature scanning tunneling microscope cooled by a dilution refrigerator. E-Journal of Surface Science and Nanotechnology, 2004, 2, 151-154.	0.1	2
151	Development of a Scanning Tunneling Microscope Combined with a Synchrotron Radiation Light Source. Hyomen Kagaku, 2005, 26, 752-756.	0.0	2
152	Atom manipulation of bright and dark spots on Cu(111) surface by scanning tunneling microscope. E-Journal of Surface Science and Nanotechnology, 2004, 2, 165-168.	0.1	2
153	Real Space Observation of Standing Waves at Metal Surfaces and the Determination of Surface State Dispersion with the Scanning Tunneling Microscope. Japanese Journal of Applied Physics, 1994, 33, 3675-3678.	0.8	1
154	Measurement of the tip-sample capacitance for Si surfaces. Surface Science, 1996, 357-358, 532-535.	0.8	1
155	Scanning Tunneling Microscopy Study of GaAs(001) Surfaces [I]. Hyomen Kagaku, 1999, 20, 262-271.	0.0	1
156	Atomic structures of two-dimensional strained InAs epitaxial layers on a GaAs(001) surface: in situ observation of quantum dot growth. Journal of Experimental and Theoretical Physics, 2000, 91, 1000-1010.	0.2	1
157	Modification of electron density in surface states: scanning tunnelling microscopy observation of standing waves on Pd overlayers. Nanotechnology, 2002, 13, 710-713.	1.3	1
158	Meissner effect in films of ropes of boron-doped single-walled carbon nanotubes; Correlation with applied pressure and boron-doped multi-walled nanotubes. Journal of Physics: Conference Series, 2009, 153, 012070.	0.3	1
159	Excitation spectrum of Josephson vortices on surface superconductor. Journal of Physics: Conference Series, 2014, 568, 022022.	0.3	1
160	Impact of Surface Conditions on the Superconductivity of Si(111)-($\sqrt{7} \times \sqrt{7}$) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 14	0.1	1
161	Break voltage of Au single-atom contacts formed by junction closure. Journal of Applied Physics, 2017, 121, 244304.	1.1	1
162	Future in Research Explored by Probe Microscopy. Vacuum and Surface Science, 2018, 61, 609-610.	0.0	1

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163	Functional Probes for Scanning Probe Microscopy. Advances in Materials Research, 2008, , 305-320.	0.2	1
164	AN ATOM-PROBE COMPOSITIONAL STUDY OF Pd-Si INTERFACES. Journal De Physique Colloque, 1986, 47, C7-321-C7-326.	0.2	1
165	Mean Field Theory of RVB. , 1989, , .		1
166	Direct Observation of Screened Coulomb Potential by Two-dimensional Electron System using Scanning Tunneling Spectroscopy. Hyomen Kagaku, 2006, 27, 695-701.	0.0	1
167	STM-Induced Modification and Electrical Properties of Surfaces on the Atomic and Nanometer Scales. , 1993, , 11-24.		1
168	Electrical Properties of Nanometer-Size Metal-Semiconductor Point Contacts. , 1995, , 147-154.		1
169	Surface State Electrons: Transport Through Dangling Bonds on Silicon, and Scattering and Confinement on Metals. , 1997, , 1-23.		1
170	Superconductivity near the saddle point in the two-dimensional Rashba system Si(111) $\hat{\sim}$ 3Å–3 $\hat{\sim}$ (Tl,Pb). Physical Review B, 2022, 105, .	1.1	1
171	A role of a tip geometry on STM images. The Monthly Microscopical Journal, 1870, 3, 347-354.	0.0	0
172	Atom-probe analysis of SiC. Surface Science, 1986, 172, L551-L554.	0.8	0
173	Scanning Tunneling Microscope with a Field Ion Microscope. Materials Research Society Symposia Proceedings, 1989, 139, 297.	0.1	0
174	Coulomb expansion of a van der Waals C60 solid film. Science in China Series A: Mathematics, 2000, 43, 1224-1232.	0.5	0
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