Daisuke Fujita

List of Publications by Year
in descending order

176 papers	3,598 citations	136950 32 h-index	161849 54 g-index
184 all docs	184 docs citations	184 times ranked	5164 citing authors

#	Article	IF	Citations
1	Photocatalytic generation of hydrogen by core-shell WO3/BiVO4 nanorods with ultimate water splitting efficiency. Scientific Reports, 2015, 5, 11141.	3.3	464
2	Control of Electrical Potential Distribution for High-Performance Perovskite Solar Cells. Joule, 2018, 2, 296-306.	24.0	138
3	Atomic water channel controlling remarkable properties of a single brain microtubule: Correlating single protein to its supramolecular assembly. Biosensors and Bioelectronics, 2013, 47, 141-148.	10.1	124
4	Auger Electron Spectroscopy: A Rational Method for Determining Thickness of Graphene Films. ACS Nano, 2010, 4, 2937-2945.	14.6	115
5	Multi-level memory-switching properties of a single brain microtubule. Applied Physics Letters, 2013, 102, .	3.3	110
6	Perspectives and Challenges of Emerging Singleâ€Molecule DNA Sequencing Technologies. Small, 2009, 5, 2638-2649.	10.0	103
7	Production of Extended Single-Layer Graphene. ACS Nano, 2011, 5, 1522-1528.	14.6	93
8	Internal potential mapping of charged solid-state-lithium ion batteries using in situ Kelvin probe force microscopy. Nanoscale, 2017, 9, 893-898.	5.6	89
9	Phase Manipulation betweenc(4Ã—2)andp(2Ã—2)on the Si(100) Surface at 4.2 K. Physical Review Letters, 2003, 91, 146103.	7.8	83
10	Contribution of physicochemical characteristics of nano-oxides to cytotoxicity. Biomaterials, 2010, 31, 8022-8031.	11.4	79
11	Massively parallel computing on an organic molecular layer. Nature Physics, 2010, 6, 369-375.	16.7	79
12	Consistent size dependency of core-level binding energy shifts and single-electron tunneling effects in supported gold nanoclusters. Physical Review B, 2002, 66, .	3.2	76
13	Formation of Nano-Bio-Complex as Nanomaterials Dispersed in a Biological Solution for Understanding Nanobiological Interactions. Scientific Reports, 2012, 2, 406.	3.3	76
14	Live visualizations of single isolated tubulin protein self-assembly via tunneling current: effect of electromagnetic pumping during spontaneous growth of microtubule. Scientific Reports, 2014, 4, 7303.	3.3	76
15	Formation of monolayer and few-layer hexagonal boron nitride nanosheets via surface segregation. Nanoscale, 2011, 3, 2854.	5.6	65
16	Growth of Shapeâ€and Sizeâ€Selective Zinc Oxide Nanorods by a Microwaveâ€Assisted Chemical Bath Deposition Method: Effect on Photocatalysis Properties. Chemistry - A European Journal, 2010, 16, 10569-10575.	3.3	49
17	Atomic species identification at the (101) anatase surface by simultaneous scanning tunnelling and atomic force microscopy. Nature Communications, 2015, 6, 7265.	12.8	49
18	Monitoring electron-beam irradiation effects on graphenes by temporal Auger electron spectroscopy. Nanotechnology, 2010, 21, 265705.	2.6	44

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19	Global standardization of scanning probe microscopy. Nanotechnology, 2007, 18, 084002.	2.6	43
20	Challenge to assess the toxic contribution of metal cation released from nanomaterials for nanotoxicology â€“ the case of ZnO nanoparticles. Nanoscale, 2013, 5, 4763.	5.6	42
21	Fractal, Scale Free Electromagnetic Resonance of a Single Brain Extracted Microtubule Nanowire, a Single Tubulin Protein and a Single Neuron. Fractal and Fractional, 2020, 4, 11.	3.3	41
22	Ultrafast Dynamics of Surface-Enhanced Raman Scattering Due to Au Nanostructures. Nano Letters, 2011, 11, 2648-2654.	9.1	39
23	Graphene Nucleation Preferentially at Oxygenâ€Rich Cu Sites Rather Than on Pure Cu Surface. Advanced Materials, 2015, 27, 6404-6410.	21.0	39
24	Surface precipitation process of epitaxially grown graphite (0001) layers on carbonâ€doped nickel(111) surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 2134-2139.	2.1	38
25	Adsorption of Co-Phthalocyanine on the Rutile TiO2(110) Surface: A Scanning Tunneling Microscopy/Spectroscopy Study. Journal of Physical Chemistry C, 2012, 116, 20300-20305.	3.1	38
26	Fabrication of gold nanostructures on a vicinal Si(111) 7Ã—7 surface using ultrahigh vacuum scanning tunneling microscope and a gold-coated tungsten tip. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1996, 14, 3413.	1.6	37
27	Inventing atomic resolution scanning dielectric microscopy to see a single protein complex operation live at resonance in a neuron without touching or adulterating the cell. Journal of Integrative Neuroscience, 2016, 15, 435-462.	1.7	37
28	Design and Construction of a Brain-Like Computer: A New Class of Frequency-Fractal Computing Using Wireless Communication in a Supramolecular Organic, Inorganic System. Information (Switzerland), 2014, 5, 28-100.	2.9	36
29	A Self-Operating Time Crystal Model of the Human Brain: Can We Replace Entire Brain Hardware with a 3D Fractal Architecture of Clocks Alone?. Information (Switzerland), 2020, 11, 238.	2.9	36
30	Emergence ofp(2Ã—2)on highly dopedn-type Si(100) surfaces: A scanning tunneling microscopy and spectroscopy study. Physical Review B, 2005, 71, .	3.2	33
31	Graphene growth on a Pt(111) substrate by surface segregation and precipitation. Nanotechnology, 2012, 23, 055704.	2.6	33
32	Controllable growth of single-layer graphene on a Pd(111) substrate. Carbon, 2012, 50, 1674-1680.	10.3	33
33	Preparation of endohedral metallofullerene nanowhiskers and nanosheets. Carbon, 2010, 48, 3359-3363.	10.3	30
34	Reconstruction of atomic force microscopy image by using nanofabricated tip characterizer toward the actual sample surface topography. Review of Scientific Instruments, 2009, 80, 043703.	1.3	28
35	Tandem photovoltaicâ€“photoelectrochemical GaAs/InGaAsPâ€“WO₃/BiVO₄ device for solar hydrogen generation. Japanese Journal of Applied Physics, 2016, 55, 04ES01.	1.5	28
36	Unique Synthesis of Few-Layer Graphene Films on Carbon-Doped Pt₈₃Rh₁₇ Surfaces. ACS Nano, 2010, 4, 1026-1032.	14.6	27

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37	Elucidation of Zeroâ€Dimensional to Twoâ€Dimensional Growth Transition in MoS₂ Chemical Vapor Deposition Synthesis. Advanced Materials Interfaces, 2017, 4, 1600687.	3.7	27
38	Covered conduction of individual C₆₀nanowhiskers. Nanotechnology, 2008, 19, 075712.	2.6	25
39	Dynamically visualizing battery reactions by operando Kelvin probe force microscopy. Communications Chemistry, 2019, 2, .	4.5	25
40	Standing waves on Si(100) and Ge(100) surfaces observed by scanning tunneling microscopy. Physical Review B, 2005, 72, .	3.2	24
41	Chemical-state imaging of Li using scanning Auger electron microscopy. Journal of Electron Spectroscopy and Related Phenomena, 2013, 186, 39-43.	1.7	23
42	AFM observations of self-assembled lambda DNA network on silanized mica. Thin Solid Films, 2003, 438-439, 114-117.	1.8	21
43	Ultralong Cadmium Chalcogenide Nanotubes from One-Dimensional Cadmium Hydroxide Nanowire Bundles by Soft Solution Chemistry. Journal of Physical Chemistry C, 2009, 113, 14179-14183.	3.1	21
44	Characterization of two-dimensional hexagonal boron nitride using scanning electron and scanning helium ion microscopy. Applied Physics Letters, 2014, 104, 031607.	3.3	21
45	Light Emission from Porphyrin Molecules Induced by a Scanning Tunneling Microscope. Japanese Journal of Applied Physics, 2002, 41, 4898-4902.	1.5	20
46	Scanning tunnelling microscopy in extreme fields: very low temperature, high magnetic field, and extreme high vacuum. Nanotechnology, 2004, 15, S371-S375.	2.6	20
47	An organic jelly made fractal logic gate with an infinite truth table. Scientific Reports, 2015, 5, 11265.	3.3	20
48	In situ visualization of Li concentration in all-solid-state lithium ion batteries using time-of-flight secondary ion mass spectrometry. Journal of Power Sources, 2018, 400, 527-532.	7.8	20
49	A new approach to extract multiple distinct conformers and co-existing distinct electronic properties of a single molecule by point-contact method. Physical Chemistry Chemical Physics, 2010, 12, 2198-2208.	2.8	19
50	Ethanol adsorption on rutile TiO2(110). RSC Advances, 2014, 4, 8550.	3.6	19
51	Mechanomics Biomarker for Cancer Cells Unidentifiable through Morphology and Elastic Modulus. Nano Letters, 2021, 21, 1538-1545.	9.1	19
52	Discovery of Carbon Nanowires Formed on a Carbon-Doped Ni(111) Substrate by a Bulk-to-Surface Precipitation Process. Japanese Journal of Applied Physics, 2003, 42, 1391-1394.	1.5	18
53	Light emission induced by tunneling electrons from surface nanostructures observed by novel conductive and transparent probes. Microscopy Research and Technique, 2004, 64, 403-414.	2.2	18
54	Surface segregation of aluminum atoms on Cu-9at.% Al(111) studied by Auger electron spectroscopy and low energy electron diffraction. Surface Science, 2009, 603, 723-726.	1.9	18

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55	Synthesis and fast transfer of monolayer MoS₂ on reusable fused silica. Nanoscale, 2017, 9, 6984-6990.	5.6	18
56	Electrochemical potential arrangement of nanoclusters weakly coupled with metal surface. Applied Physics Letters, 2004, 84, 604-606.	3.3	17
57	Tunneling spectroscopy of isolated gold clusters grown on thiol/dithiol mixed self-assembled monolayers. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 601-605.	2.7	17
58	Active nanocharacterization of nanofunctional materials by scanning tunneling microscopy. Science and Technology of Advanced Materials, 2008, 9, 013003.	6.1	17
59	Intrinsically Substitutional Carbon Doping in CVD-Grown Monolayer MoS2 and the Band Structure Modulation. ACS Applied Electronic Materials, 2020, 2, 1055-1064.	4.3	17
60	High-endurance micro-engineered LaB6 nanowire electron source for high-resolution electron microscopy. Nature Nanotechnology, 2022, 17, 21-26.	31.5	17
61	Direct mapping of Li distribution in electrochemically lithiated graphite anodes using scanning Auger electron microscopy. Journal of Power Sources, 2014, 248, 1118-1122.	7.8	16
62	Quasi-one-dimensional quantum well on Si(100) surface crafted by using scanning tunneling microscopy tip. Applied Physics Letters, 2006, 88, 203118.	3.3	15
63	Nanoscale synthesis and characterization of graphene-based objects. Science and Technology of Advanced Materials, 2011, 12, 044611.	6.1	15
64	Nano Molecularâ€Platform: A Protocol to Write Energy Transmission Program Inside a Molecule for Bioâ€Inspired Supramolecular Engineering. Advanced Functional Materials, 2014, 24, 1364-1371.	14.9	15
65	In-vivo & in-vitro toxicity test of molecularly engineered PCMS: A potential drug for wireless remote controlled treatment. Toxicology Reports, 2018, 5, 1044-1052.	3.3	15
66	Resonant Oscillation Language of a Futuristic Nano-Machine-Module: Eliminating Cancer Cells & Alzheimer Aβ Plaques. Current Topics in Medicinal Chemistry, 2015, 15, 534-541.	2.1	15
67	Light emission induced by tunnelling electrons from a p-type GaAs(110) surface observed at near-field by a conductive optical fibre probe. Nanotechnology, 2004, 15, S355-S361.	2.6	14
68	Temperature dependence of the phase manipulation feasibility between c(4Ã—2) and p(2Ã—2) on the Si(100) surface. Surface Science, 2004, 566-568, 767-771.	1.9	13
69	Superhydrophilic TiO2 surfaces generated by reactive oxygen treatment. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2012, 30, .	2.1	13
70	Direct visualization of the N impurity state in dilute GaNAs using scanning tunneling microscopy. Nanoscale, 2015, 7, 16773-16780.	5.6	13
71	Stress dependence of indentation modulus for carbon fiber in polymer composite. Science and Technology of Advanced Materials, 2019, 20, 412-420.	6.1	13
72	All Basics that Are Wrong with the Current Concept of Time Crystal: Learning from the Polyatomic Time Crystals of Protein, microtubule, and Neuron. Lecture Notes in Networks and Systems, 2022, , 243-254.	0.7	13

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73	Growth and characterization of isolated nanoclusters on mixed self-assembled monolayers. Applied Surface Science, 2005, 241, 33-37.	6.1	12
74	Characterization of carrier concentration in CIGS solar cells by scanning capacitance microscopy. Measurement Science and Technology, 2014, 25, 044020.	2.6	12
75	Permeation through graphene ripples. 2D Materials, 2017, 4, 025010.	4.4	12
76	A Space-Time-Topology-Prime, stTS Metric for a Self-operating Mathematical Universe Uses Dodecanion Geometric Algebra of 2-20 D Complex Vectors. Lecture Notes in Networks and Systems, 2021, , 1-31.	0.7	12
77	Characteristics of Indium Tin Oxide Films Deposited by DC and RF Magnetron Sputtering. Japanese Journal of Applied Physics, 2001, 40, 3364-3369.	1.5	11
78	Silver Nanostructures Formation on Si(111)-(7Ã—7) Surfaces by the Tip of a Scanning Tunneling Microscope. Japanese Journal of Applied Physics, 2003, 42, 4773-4776.	1.5	11
79	Unusual mosaic image of theSi(111)â^'(7Ã—7)surface coinciding with field emission resonance in scanning tunneling microscopy. Physical Review B, 2008, 77, .	3.2	10
80	Smallest artificial molecular neural-net for collective and emergent information processing. Applied Physics Letters, 2009, 95, .	3.3	10
81	Modification of surface electronic properties on alloy surfaces: Standing waves on aCu-9â€‚at.â€‰%â€‚Al(111)surface observed by STM. Physical Review B, 2009, 79, .	3.2	10
82	Thermal decomposition of fullerene nanowhiskers protected by amorphous carbon mask. Scientific Reports, 2016, 6, 38760.	3.3	10
83	A simultaneous one pot synthesis of two fractal structures via swapping two fractal reaction kinetic states. Physical Chemistry Chemical Physics, 2016, 18, 14772-14775.	2.8	10
84	Fractal Information Theory (FIT)-Derived Geometric Musical Language (GML) for Brain-Inspired Hypercomputing. Advances in Intelligent Systems and Computing, 2018, , 343-372.	0.6	10
85	Controlled assembly of DNA nanostructures on silanized silicon and mica surfaces for future molecular devices. Superlattices and Microstructures, 2002, 32, 215-220.	3.1	8
86	Precise Scanning Tunneling Microscopy Images of Si(100) Surface Dimers at 4.2 K. Japanese Journal of Applied Physics, 2003, 42, L126-L128.	1.5	8
87	Architecture of a Massively Parallel Processing Nano-Brain Operating 100 Billion Molecular Neurons Simultaneously. International Journal of Nanotechnology and Molecular Computation, 2009, 1, 50-80.	0.3	8
88	Focal depth measurement of scanning helium ion microscope. Applied Physics Letters, 2014, 105, 023105.	3.3	8
89	Analytical procedure for experimental quantification of carrier concentration in semiconductor devices by using electric scanning probe microscopy. Measurement Science and Technology, 2014, 25, 044021.	2.6	8
90	Metal Atomic Chains on the Si(100) Surface. Japanese Journal of Applied Physics, 1998, 37, 807-810.	1.5	7

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91	Hybrid Scanning Near-Field Optical/Tunneling Microscopy with Indium-Tin-Oxide/Au Coated Optical Fiber Probe. Japanese Journal of Applied Physics, 2002, 41, 4956-4960.	1.5	7
92	Octanedithiol layer as tunneling barrier. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 249-250.	2.7	7
93	Novel Tip Shape Reconstruction Method for Restoration of AFM Topography Images Using Nano-structures with Given Shapes. Analytical Sciences, 2011, 27, 157-161.	1.6	7
94	Atomic scale Pb chains on Si(100). Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 2371.	1.6	6
95	Removal of Si(1 1 1) wafer surface etch pits generated in ammonia-peroxide clean step. Applied Surface Science, 2004, 221, 160-166.	6.1	6
96	Surface alloying effects in the growth of Au on Pb(111) thin film. Surface Science, 2008, 602, 3358-3363.	1.9	6
97	Improving Accuracy of Sample Surface Topography by Atomic Force Microscopy. Journal of Nanoscience and Nanotechnology, 2009, 9, 6003-6007.	0.9	6
98	Silicon adatom switching and manipulation on Si(111)- 7 Ã— 7. Nanotechnology, 2010, 21, 045707.	2.6	6
99	In situ Observation of Surface Reconstruction of Si(001) with Stress/Strain Field Scanning Probe Microscopy. Japanese Journal of Applied Physics, 2011, 50, 08LB04.	1.5	6
100	On Cellular Automata rules of molecular arrays. Natural Computing, 2012, 11, 311-321.	3.0	6
101	Ni nanocrystals on HOPG(0001): A scanning tunnelling microscope study. Beilstein Journal of Nanotechnology, 2013, 4, 406-417.	2.8	6
102	PEEM and Micro PES Study of Graphene Growth on Ni(110) Substrate. E-Journal of Surface Science and Nanotechnology, 2015, 13, 347-351.	0.4	6
103	Grassy Silica Nanoribbons and Strong Blue Luminescence. Scientific Reports, 2016, 6, 34231.	3.3	6
104	Deposition and STM characterization of luminescent organic molecules on metal substrates. Thin Solid Films, 2008, 516, 2407-2410.	1.8	5
105	Standardization of nanomaterials characterization by scanning probe microscopy for societal acceptance. Journal of Physics: Conference Series, 2009, 159, 012002.	0.4	5
106	Computational Myths and Mysteries That Have Grown Around Microtubule in the Last Half a Century and Their Possible Verification. Journal of Computational and Theoretical Nanoscience, 2011, 8, 509-515.	0.4	5
107	Adsorption of phosphorus molecules evaporated from an InP solid source on the Si(100) surface. Physical Review B, 2013, 87, .	3.2	5
108	Growth of quadrilateral graphene flakes with a sulfur atomic template on the surface of Ni (110). Carbon, 2019, 153, 116-119.	10.3	5

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109	Elucidation of heterogeneous graphene nucleation and growth through Cu surface engineering. Carbon, 2019, 147, 120-125.	10.3	5
110	Stress mapping reveals extrinsic toughening of brittle carbon fiber in polymer matrix. Science and Technology of Advanced Materials, 2020, 21, 267-277.	6.1	5
111	Molecular Implementations of Cellular Automata. Lecture Notes in Computer Science, 2010, , 650-659.	1.3	5
112	Auger Electron Spectroscopy Analyses of the Interface of Titanium-Clad Steels with Ultra-low-carbon Contents. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 1993, 79, 1088-1094.	0.4	5
113	The fabrication of MgB2 superconducting STM tips. Physica C: Superconductivity and Its Applications, 2003, 388-389, 117-118.	1.2	4
114	Electrical Transport Properties Through Nanoscale and Large-Area Contacts of ZnO/Si Diodes. Current Nanoscience, 2010, 6, 219-225.	1.2	4
115	High aspect ratio AFM Probe processing by helium-ion-beam induced deposition. Microscopy (Oxford,) Tj ETQq1 1 0.784314 rgBT /Ov	1.5	4
116	High upper critical fields of superconducting Ca10(Pt4As8)(Fe1.8Pt0.2As2)5 whiskers. Applied Physics Letters, 2015, 106, 262601.	3.3	4
117	Inhomogeneous composition distribution in monolayer transition metal dichalcogenide alloys. Materials Research Express, 2017, 4, 045004.	1.6	4
118	Informatics-Aided Raman Microscopy for Nanometric 3D Stress Characterization. Journal of Physical Chemistry C, 2018, 122, 7187-7193.	3.1	4
119	In situvoltage-application system for active voltage contrast imaging in helium ion microscope. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2018, 36, 042903.	1.2	4
120	Radio Waveguideâ€"Double Ratchet Rotors Work in Unison on a Surface to Convert Heat into Power. Nano Letters, 2020, 20, 6891-6898.	9.1	4
121	ãƒŠãƒŽç²’åã‚’å^©ç"¨ã—ãŸåŽŸåé–"åŠ›é¡•å¾®é¡ãƒãƒƒãƒ—ã®æŽ¢é‡å…ˆç«¯å½¢çŠ¶åŠ¹æžœã®è£œæ£. Journal of the Vacuum Society of Japan	0.3	4
122	Submicrometer Shadow Mask Fabricated by Anisotropic Wet Etching and Focused Ion Beam Techniques for Nanofabrication in UHV. Modern Physics Letters B, 1998, 12, 597-605.	1.9	3
123	Influence of Silicon Surface Structure on Long Deoxyribonucleic Acid Molecule Alignment. Japanese Journal of Applied Physics, 2003, 42, 4748-4751.	1.5	3
124	Scanning Tunneling Microscopy Observation of Electron Standing Waves on Au(111) Film with a Superconducting Tip. Japanese Journal of Applied Physics, 2004, 43, 4687-4690.	1.5	3
125	Controlled deposition of single DNA molecules on bare gold electrodes. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 21, 1098-1101.	2.7	3
126	Capacitance dependence of chemical potential distribution in supported nanoclusters. Surface Science, 2004, 566-568, 402-405.	1.9	3

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127	Comparison between Electron Beam and Near-Field Light on the Luminescence Excitation of GaAs/AlGaAs Semiconductor Quantum Dots. Japanese Journal of Applied Physics, 2005, 44, 1820-1824.	1.5	3
128	Carbon Nanowires Spontaneously Formed on Surface of Freshly Cleaved Highly Ordered Pyrolytic Graphite Wafer. Japanese Journal of Applied Physics, 2007, 46, 5568.	1.5	3
129	High Temperature in situ NC-AFM, STM and AES Observations of Decomposition and Precipitation Process of Ultrathin SiO₂ Films on Si(111) Substrates in Ultrahigh Vacuum. Hyomen Kagaku, 2015, 36, 459-464.	0.0	3
130	Multivariate analysis for scanning tunneling spectroscopy data. Applied Surface Science, 2018, 428, 186-190.	6.1	3
131	Mechanism of Surface Precipitation of Highly Oriented Hexagonal Boron Nitride in Austenitic Stainless Steel. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1992, 56, 406-414.	0.4	2
132	ã‚¢ã‚¯ãƒ†ã‚£ãƒ–ãƒŠãƒŽè¨æ¸¬çŸ¥çš„å¥º. Materia Japan, 2002, 41, 623-627.	0.1	2
133	Electronâ€“phonon coupling and defect scatterings in Ar⁺-ion implanted graphite. Journal of the Ceramic Society of Japan, 2013, 121, 291-294.	1.1	2
134	Advanced in situ multi-scale characterization of hardness of carbon-fiber-reinforced plastic. Japanese Journal of Applied Physics, 2016, 55, 106602.	1.5	2
135	Speedy one-pot electrochemical synthesis of giant octahedrons from in situ generated pyrrolidinyl PAMAM dendrimer. Soft Matter, 2020, 16, 9140-9146.	2.7	2
136	Direct observation of charge accumulation in quantum well solar cells by cross-sectional Kelvin probe force microscopy. Applied Physics Letters, 2020, 116, .	3.3	2
137	Investigating Universal Computability of Conventional Cellular Automata Problems on an Organic Molecular Matrix. Proceedings in Information and Communications Technology, 2010, , 1-12.	0.2	2
138	Competitive Surfache Growt of Carbon Nanowires and Graphite (0001) Terraces on a C-doped Ni(111) Substratex. Hyomen Kagaku, 2003, 24, 531-537.	0.0	2
139	Effect of Ar+ ion sputtering on the electronic transport of MgB2 surface. Thin Solid Films, 2004, 464-465, 61-64.	1.8	1
140	Novel local density of state mapping technique for low-dimensional systems. Journal of Electron Microscopy, 2004, 53, 177-185.	0.9	1
141	è¡¨é¢æžå‡ºã«ã‚ˆã‚‹æ–°ã•ã„ãƒ¼ãƒœãƒ³ãƒŠãƒŽæ§‹é€ ã®å‰µè£½. Materia Japan, 2005, 44, 910-916.	0.1	1
142	Isotropic photo-decomposition of spherical organic polymers on rutile TiO₂(110) surfaces. Nanotechnology, 2011, 22, 155705.	2.6	1
143	Potential Toxic Effects of Nano-Oxides. , 2012, , 347-373.		1
144	Dendrimers: Nano Molecular-Platform: A Protocol to Write Energy Transmission Program Inside a Molecule for Bio-Inspired Supramolecular Engineering (Adv. Funct. Mater. 10/2014). Advanced Functional Materials, 2014, 24, 1338-1338.	14.9	1

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145	Generation of Ultrahigh and Extreme-high Vacuum, and the Outgassing Mechanism. Vacuum and Surface Science, 2018, 61, 578-585.	0.1	1
146	Graphene-substrate decoupling by S segregation. A LEEM/LEED study. Carbon, 2021, 185, 324-333.	10.3	1
147	Active Nano-Characterization and Technology. Nanotechnology, 2004, 15, .	2.6	1
148	Phase Manipulation on Si(100) Surfaces and their Ground State Structure. Hyomen Kagaku, 2005, 26, 306-314.	0.0	1
149	Dynamics of coherent phonons in disordered graphite. , 2010, , .		1
150	Standardization of Data Transfer Format for Scanning Probe Microscopy. Journal of Surface Analysis (Online), 2013, 19, 188-194.	0.1	1
151	An Advanced Architecture of a Massive Parallel Processing Nano Brain Operating 100 Billion Molecular Neurons Simultaneously. , 0, , 43-73.		1
152	Local Density of Electronic States in MgB2Studied by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 2003, 42, 4710-4712.	1.5	0
153	Offset Charge Distribution in Nanocluster-Based Single-Electron Tunneling Devices. AIP Conference Proceedings, 2006, , .	0.4	0
154	Remarkable potential of pattern based computing on an organic molecular layer using the concept of cellular automata. , 2009, , .		0
155	Au/ITO dual-layer-coated optical fiber probe for multifunctional scanning tunneling microscopy. Nanotechnology, 2010, 21, 045204.	2.6	0
156	Guest Editorial. Analytical Sciences, 2011, 27, 119-119.	1.6	0
157	Standardization of Scanning Probe Microscopy : Activities of ISO TC201 SC9. Journal of the Japan Society for Precision Engineering, 2013, 79, 213-217.	0.1	0
158	Chemical State Imaging of Li using Scanning Auger Electron Microscopy. Journal of the Vacuum Society of Japan, 2015, 58, 379-386.	0.3	0
159	Report of Joint Symposium of the Surface Science Society of Japan and the Vacuum Society of Japan (SSVS 2015) and the 35th Annual Meeting of SSSJ. Hyomen Kagaku, 2016, 37, 139-140.	0.0	0
160	Toward the Fusion of Vacuum Science and Surface Science. Hyomen Kagaku, 2016, 37, 287-287.	0.0	0
161	Scanning Helium Ion Microscope. , 2018, , 571-575.		0
162	Report of the 8th International Symposium on Surface Science (ISSS-8). Vacuum and Surface Science, 2018, 61, 184-185.	0.1	0

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163	Aging Analysis of Reference Sample Surface Using Helium Ion Microscopy. Vacuum and Surface Science, 2021, 64, 424-429.	0.1	0
164	Surface Precipitation of Doped Carbon in a CuNi Alloy.. Shinku/Journal of the Vacuum Society of Japan, 2002, 45, 595-598.	0.2	0
165	Measurement of Au Nanocluster Chemical Potential by the Analysis of Coulomb Staircase. Hyomen Kagaku, 2005, 26, 611-616.	0.0	0
166	Fabrication and Characterization of Low-Dimensional Nanostructures using Scanning Tunneling Microscopy. Shinku/Journal of the Vacuum Society of Japan, 2006, 49, 653-658.	0.2	0
167	Comparison of Standard Nano-Sphere Method and Blind Reconstruction Method for Restoration of Atomic Force Microscopy Topography Images Containing Tip-induced Distortions. Journal of the Vacuum Society of Japan, 2010, 53, 357-360.	0.3	0
168	Biomedicine Applications of Nanomaterials. , 2012, , 565-592.		0
169	Standardization of Data Management and Treatment for Scanning Probe Microscopy. Journal of the Vacuum Society of Japan, 2013, 56, 252-257.	0.3	0
170	Surface Science Contributing to Radioactive Decontamination and Identification in Environment. Hyomen Kagaku, 2013, 34, 107-107.	0.0	0
171	The Joint Annual Symposium of the Vacuum Society of Japan and the Surface Science Society of Japan (SVSSâ€™ 13) held in Tsukuba. Hyomen Kagaku, 2014, 35, 339-339.	0.0	0
172	Li Distribution Measurement on All-solid-state Lithium Ion Battery Using In Situ Battery Operation Combined with ToF-SIMS. Materia Japan, 2018, 57, 600-600.	0.1	0
173	Study on Carrier Separation in Perovskite Solar Cells by Operando Profiling of Electrical Potential Distribution. Vacuum and Surface Science, 2019, 62, 9-14.	0.1	0
174	Measurement Informatics in Surface Science. Vacuum and Surface Science, 2019, 62, 122-129.	0.1	0
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