Kazuhiko Mase

List of Publications by Year
in descending order

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194	2,713	218592	289141
papers	citations	26 h-index	40 g-index

197	197	197	2597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ligand effects on surface oxide at RhPd(100) alloy surfaces: A density functional theory calculation study. Surface Science, 2022, 716, 121958.	0.8	3
2	Elaboration of nearâ€valence band defect states leading deterioration of ambipolar operation in SnO thinâ€film transistors. Nano Select, 2022, 3, 1012-1020.	1.9	3
3	A newly designed compact CEY-XAFS cell in the soft X-ray region and its application to surface XAFS measurements under ambient-pressure conditions without photoinduced side effects. Physical Chemistry Chemical Physics, 2022, 24, 2988-2996.	1.3	2
4	Beamline commissioning for microscopic measurements with ultraviolet and soft X-ray beam at the upgraded beamline BL-13B of the Photon Factory. Journal of Synchrotron Radiation, 2022, 29, 400-408.	1.0	6
5	Structure and electronic structure of van der Waals interfaces at a Au(1 1 1) surface covered with a well-ordered molecular layer of n-alkanes. Applied Surface Science, 2021, 535, 147673.	3.1	2
6	Interface Structures and Electronic States of Epitaxial Tetraazanaphthacene on Single-Crystal Pentacene. Materials, 2021, 14, 1088.	1.3	7
7	In situ AP-XPS study on reduction of oxidized Rh catalysts under CO exposure and catalytic reaction conditions. Journal Physics D: Applied Physics, 2021, 54, 204005.	1.3	4
8	Formation and Behavior of Carbonates on Ag(110) in the Presence of Ethylene and Oxygen. Journal of Physical Chemistry C, 2021, 125, 9032-9037.	1.5	4
9	Electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mn>3</mml:mn><mml:mo>â˜</mml:mo></mml:msup></mml -twisted bilayer graphene on 4H-SiC(0001). Physical Review Materials, 2021, 5, .	3.1	3
10	Influence of Stacking Order of Phthalocyanine and Fullerene Layers on the Photoexcited Carrier Dynamics in Model Organic Solar Cell. Journal of Physical Chemistry C, 2021, 125, 13963-13970.	1.5	1
11	Quasi-Homoepitaxial Junction of Organic Semiconductors: A Structurally Seamless but Electronically Abrupt Interface between Rubrene and Bis(trifluoromethyl)dimethylrubrene. Journal of Physical Chemistry Letters, 2021, 12, 11430-11437.	2.1	7
12	Operando observations of reactive metalâ€“Oxide structure formation on the Pt3Ni(111) surface at near-ambient pressure. Journal of Electron Spectroscopy and Related Phenomena, 2020, 238, 146857.	0.8	6
13	Orientation-Dependent Hindrance to the Oxidation of Pdâ€“Au Alloy Surfaces. Journal of Physical Chemistry Letters, 2020, 11, 9249-9254.	2.1	6
14	Initial oxidation of GaAs(100) under near-realistic environments revealed by in situ AP-XPS. Chemical Communications, 2020, 56, 14905-14908.	2.2	4
15	How Rh surface breaks CO2 molecules under ambient pressure. Nature Communications, 2020, 11, 5649.	5.8	24
16	Electronic structure of the clean interface between single crystal CH3NH3PbI3 and an organic hole transporting material spiro-OMeTAD. Applied Physics Letters, 2020, 116, .	1.5	8
17	Twisted bilayer graphene fabricated by direct bonding in a high vacuum. Applied Physics Express, 2020, 13, 075004.	1.1	8
18	Two-dimensional Electron Gas at Thiol/ZnO Interface. E-Journal of Surface Science and Nanotechnology, 2020, 18, 41-47.	0.1	0

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19	Development of a high-precision XYZ translator and estimation of beam profile of the vacuum ultraviolet and soft X-ray undulator beamline BL-13B at the Photon Factory. Journal of Synchrotron Radiation, 2020, 27, 923-933.	1.0	5
20	Hydrogen incorporation and release from nonevaporable getter coatings based on oxygen-free Pd/Ti thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	0.9	5
21	In-gap state generated by La-on-Sr substitutional defects within the bulk of SrTiO₃. Physical Chemistry Chemical Physics, 2019, 21, 14646-14653.	1.3	6
22	A Surface Science Approach to Unveiling the TiO₂ Photocatalytic Mechanism: Correlation between Photocatalytic Activity and Carrier Lifetime. E-Journal of Surface Science and Nanotechnology, 2019, 17, 130-147.	0.1	10
23	Operando study of Pd(100) surface during CO oxidation using ambient pressure x-ray photoemission spectroscopy. AIP Advances, 2019, 9, .	0.6	10
24	Enhanced Photoresponsivity of Fullerene in the Presence of Phthalocyanine: A Time-Resolved X-ray Photoelectron Spectroscopy Study of Phthalocyanine/C₆₀/TiO₂(110). Journal of Physical Chemistry C, 2019, 123, 4388-4395.	1.5	10
25	Formation of Carbonate on Ag(111) under Exposure to Ethylene and Oxygen Gases Evidenced by Near Ambient Pressure XPS and NEXAFS. Chemistry Letters, 2019, 48, 159-162.	0.7	16
26	High sensitivity detection of the frontier electronic states of CH₃NH₃PbI₃ single crystals by low energy excitation. Applied Physics Express, 2019, 12, 051009.	1.1	10
27	XPS study on the thermal stability of oxygen-free Pd/Ti thin film, a new non-evaporable getter (NEG) coating. AIP Conference Proceedings, 2019, , .	0.3	6
28	Development of a new NEG pump using oxygen-free Pd/Ti thin film. AIP Conference Proceedings, 2019, , .	0.3	3
29	Improved pumping speeds of oxygen-free palladium/titanium nonevaporable getter coatings and suppression of outgassing by baking under oxygen. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	0.9	8
30	A novel organic-rich meteoritic clast from the outer solar system. Scientific Reports, 2019, 9, 3169.	1.6	25
31	Surface analysis and pumping speed measurements of oxygen-free palladium/titanium nonevaporable getter after heating at 100â€“450â€‰Â°C. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2019, 37, 062923.	0.6	5
32	Local valence electronic states of silicon (sub)oxides on HfO2/Si-(sub)oxide/Si(110) and HfSi2/Si-(sub)oxide/Si(110) Islands. Surface Science, 2019, 681, 9-17.	0.8	4
33	Heating experiments of the Tagish Lake meteorite: Investigation of the effects of shortâ€term heating on chondritic organics. Meteoritics and Planetary Science, 2019, 54, 104-125.	0.7	15
34	Correlation between Photocatalytic Activity and Carrier Lifetime: Acetic Acid on Single-Crystal Surfaces of Anatase and Rutile TiO₂. Journal of Physical Chemistry C, 2018, 122, 9562-9569.	1.5	27
35	Triangular lattice atomic layer of Sn(1 Ã— 1) at graphene/SiC(0001) interface. Applied Physics Express, 2018, 11, 015202.	1.1	15
36	Organic matter in extraterrestrial water-bearing salt crystals. Science Advances, 2018, 4, eaao3521.	4.7	64

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37	Electronic structures and chemical states of methylammonium lead triiodide thin films and the impact of annealing and moisture exposure. Journal of Applied Physics, 2018, 123, .	1.1	16
38	Element selective oxidation on Rhâ€“Pd bimetallic alloy surfaces. Physical Chemistry Chemical Physics, 2018, 20, 28419-28424.	1.3	3
39	Operando NAP-XPS Observation and Kinetics Analysis of NO Reduction over Rh(111) Surface: Characterization of Active Surface and Reactive Species. ACS Catalysis, 2018, 8, 11663-11670.	5.5	25
40	Non-Evaporable Getter (NEG) Coating Using Titanium and Palladium Vacuum Sublimation. Vacuum and Surface Science, 2018, 61, 227-235.	0.0	13
41	Anisotropic valence band dispersion of single crystal pentacene as measured by angle-resolved ultraviolet photoelectron spectroscopy. Journal of Materials Research, 2018, 33, 3362-3370.	1.2	11
42	Oxygen-free palladium/titanium coating, a novel nonevaporable getter coating with an activation temperature of 133â€‰Â°C. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2018, 36, .	0.9	18
43	Impact of the molecular quadrupole moment on ionization energy and electron affinity of organic thin films: Experimental determination of electrostatic potential and electronic polarization energies. Physical Review B, 2018, 97, .	1.1	47
44	Adsorbate-driven reactive interfacial Pt-NiO _{1â˜’ x} nanostructure formation on the Pt ₃ Ni(111) alloy surface. Science Advances, 2018, 4, eaat3151.	4.7	76
45	Competition between Itineracy and Localization of Electrons Doped into the Near-Surface Region of Anatase TiO₂. Journal of Physical Chemistry C, 2018, 122, 19661-19669.	1.5	6
46	Operando Observation of NO Reduction by CO on Ir(111) Surface Using NAP-XPS and Mass Spectrometry: Dominant Reaction Pathway to N₂ Formation under Near Realistic Conditions. Journal of Physical Chemistry C, 2017, 121, 1763-1769.	1.5	19
47	Disappearance of Localized Valence Band Maximum of Ternary Tin Oxide with Pyrochlore Structure, Sn₂Nb₂O₇. Journal of Physical Chemistry C, 2017, 121, 9480-9488.	1.5	27
48	Modulation of Electronâ€“Phonon Coupling in One-Dimensionally Nanorippled Graphene on a Macrofacet of 6H-SiC. Nano Letters, 2017, 17, 3527-3532.	4.5	12
49	Comparison of Solid-Water Partitions of Radiocesium in River Waters in Fukushima and Chernobyl Areas. Scientific Reports, 2017, 7, 12407.	1.6	34
50	Angle-Resolved HAXPES Investigation on the Chemical Origin of Adhesion between Natural Rubber and Brass. Langmuir, 2017, 33, 9582-9589.	1.6	13
51	Effects of the ambient exposure on the electronic states of the clean surface of the pentacene single crystal. Molecular Crystals and Liquid Crystals, 2017, 648, 216-222.	0.4	7
52	Catalytic CO oxidation over Pd₇₀Au₃₀(111) alloy surfaces: spectroscopic evidence for Pd ensemble dependent activity. Chemical Communications, 2017, 53, 12657-12660.	2.2	4
53	Effect of physisorption of inert organic molecules on Au(111) surface electronic states. Physical Chemistry Chemical Physics, 2017, 19, 18646-18651.	1.3	9
54	Chemical states of surface oxygen during CO oxidation on Pt(1â€‰1â€‰0) surface revealed by ambient pressure XPS. Journal of Physics Condensed Matter, 2017, 29, 464001.	0.7	16

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55	Spatially Resolved Distribution of Fe Species around Microbes at the Submicron Scale in Natural Bacteriogenic Iron Oxides. Microbes and Environments, 2017, 32, 283-287.	0.7	4
56	Direct Observations of Correlation between Si-2p Components and Surface States on Si(110)-16 Ã— 2 Single-Domain Surface Using Si-L23VV Auger-Electron and Si-2p Photoelectron Coincidence Measurements. Journal of the Physical Society of Japan, 2017, 86, 054704.	0.7	4
57	Report of 1st Vacuum Technology Course for Non-Specialists. Journal of the Vacuum Society of Japan, 2016, 59, 251-252.	0.3	0
58	Development of low-cost, high-performance non-evaporable getter (NEG) pumps. AIP Conference Proceedings, 2016, , .	0.3	3
59	What Determines the Lifetime of Photoexcited Carriers on TiO₂ Surfaces?. Journal of Physical Chemistry C, 2016, 120, 29283-29289.	1.5	19
60	Electron-Donor Dye Molecule on ZnO(101Ì…0), (0001), and (0001Ì…) Studied by Photoelectron Spectroscopy and X-ray Absorption Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 8653-8662.	1.5	8
61	Evidence for chemical bond formation at rubberâ€“brass interface: Photoelectron spectroscopy study of bonding interaction between copper sulfide and model molecules of natural rubber. Surface Science, 2016, 654, 14-19.	0.8	8
62	Direct Detection of Fe(II) in Extracellular Polymeric Substances (EPS) at the Mineral-Microbe Interface in Bacterial Pyrite Leaching. Microbes and Environments, 2016, 31, 63-69.	0.7	23
63	Construction of a Simple Metal Evaporator Mounted on a Conflat Flange with an Outer Diameter of 70 mm. Journal of the Vacuum Society of Japan, 2016, 59, 138-140.	0.3	0
64	Report on the Japan Vacuum Show “VACUUM2015”. Journal of the Vacuum Society of Japan, 2016, 59, 141-143.	0.3	0
65	Low-cost, high-performance nonevaporable getter pumps using nonevaporable getter pills. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	0.9	5
66	High-resolution core-level photoemission measurements on the pentacene single crystal surface assisted by photoconduction. Journal of Physics Condensed Matter, 2016, 28, 094001.	0.7	19
67	CO Adsorption on Pdâ€“Au Alloy Surface: Reversible Adsorption Site Switching Induced by High-Pressure CO. Journal of Physical Chemistry C, 2016, 120, 416-421.	1.5	15
68	Surface segregation and oxidation of Pt3Ni(1 1 1) alloys under oxygen environment. Catalysis Today, 2016, 260, 3-7.	2.2	26
69	In-situ surface analysis of AuPd(1 1 0) under elevated pressure of CO. Catalysis Today, 2016, 260, 39-45.	2.2	20
70	In situ analysis of catalytically active Pd surfaces for CO oxidation with near ambient pressure XPS. Catalysis Today, 2016, 260, 14-20.	2.2	44
71	Local Valence Electronic States and Valence-Band Maximum of Ultrathin Silicon Nitride Films on Si(111) Studied by Auger Photoelectron Coincidence Spectroscopy: Thickness and Interface Structure Dependence. Journal of the Physical Society of Japan, 2015, 84, 044711.	0.7	0
72	Nanoscale Identification of Extracellular Organic Substances at the Microbeâ€“Mineral Interface by Scanning Transmission X-ray Microscopy. Chemistry Letters, 2015, 44, 91-93.	0.7	15

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73	Electronic Structures of a Well-Defined Organic Hetero-Interface: C₆₀on Pentacene Single Crystal. E-Journal of Surface Science and Nanotechnology, 2015, 13, 59-64.	0.1	22
74	Report on the School Course Held in the 55th Annual Symposium of the Vacuum Society of Japan. Journal of the Vacuum Society of Japan, 2015, 58, 162-163.	0.3	0
75	Report on the Japan Vacuum Show “VACUUM2014”. Journal of the Vacuum Society of Japan, 2015, 58, 190-192.	0.3	0
76	Morphology of F8T2/PC71BM Blend Film as Investigated by Scanning Transmission X-ray Microscope (STXM). Molecular Crystals and Liquid Crystals, 2015, 620, 32-37.	0.4	0
77	Role of oxygen vacancies in TiO films in electronic structure at interface with an Î±-NPD layer. Organic Electronics, 2015, 27, 247-252.	1.4	4
78	High-Pressure NO-Induced Mixed Phase on Rh(111): Chemically Driven Replacement. Journal of Physical Chemistry C, 2015, 119, 3033-3039.	1.5	12
79	Fullerene mixing effect on carrier formation in bulk-hetero organic solar cell. Scientific Reports, 2015, 5, 9483.	1.6	29
80	In situremoval of carbon contamination from a chromium-coated mirror: ideal optics to suppress higher-order harmonics in the carbonK-edge region. Journal of Synchrotron Radiation, 2015, 22, 1359-1363.	1.0	16
81	Determination of the highest occupied molecular orbital energy of pentacene single crystals by ultraviolet photoelectron and photoelectron yield spectroscopies. Japanese Journal of Applied Physics, 2014, 53, 01AD03.	0.8	22
82	Molecular mixing in donor and acceptor domains as investigated by scanning transmission X-ray microscopy. Applied Physics Express, 2014, 7, 052302.	1.1	11
83	Photoelectron spectroscopy study of interaction of oxygen with the (111) surface of a Cuâ€“Zn alloy. Surface Science, 2014, 623, 1-5.	0.8	5
84	Shockley surface state on Î±-brass(111) and its response to oxygen adsorption. Surface Science, 2014, 623, 6-12.	0.8	5
85	A near-ambient-pressure XPS study on catalytic CO oxidation reaction over a Ru(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Surface Science, 2014, 621, 128-132.	0.8	11
86	A high-pressure-induced dense CO overlayer on a Pt(111) surface: a chemical analysis using in situ near ambient pressure XPS. Physical Chemistry Chemical Physics, 2014, 16, 23564-23567.	1.3	40
87	In situ chemical state analysis of buried polymer/metal adhesive interface by hard X-ray photoelectron spectroscopy. Applied Surface Science, 2014, 320, 177-182.	3.1	16
88	Structure and Photo-Induced Charge Transfer of Pyridine Molecules Adsorbed on TiO2(110): A NEXAFS and Core-Hole-Clock Study. Electrochemistry, 2014, 82, 341-345.	0.6	2
89	Characterization of Particulate Matters in the Pripyat River in Chernobyl Related to Their Adsorption of Radiocesium with Inhibition Effect by Natural Organic Matter. Chemistry Letters, 2014, 43, 1128-1130.	0.7	14
90	What Does the Angle-Integrated Photoelectron Spectrum Show? A Comparison between First-Principles Calculation and Experiments for Graphite. Journal of the Physical Society of Japan, 2014, 83, 084705.	0.7	1

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91	Decay Processes of Si 2sCore Holes in Si(111)-7 Ã— 7 Revealed by Si Auger Electron Si 2sPhotoelectron Coincidence Measurements. Journal of the Physical Society of Japan, 2014, 83, 094704.	0.7	2
92	Report on the Japan Vacuum Show ^|^ldquo;VACUUM2013^|^rdquo;. Journal of the Vacuum Society of Japan, 2014, 57, 117-120.	0.3	0
93	Report on the School Course Held in the Joint Annual Symposium of the Vacuum Society of Japan and the Surface Science Society of Japan (SVSS'13). Journal of the Vacuum Society of Japan, 2014, 57, 202-203.	0.3	1
94	Photoelectron spectroscopic study of CO and NO adsorption on Pd(100) surface under ambient pressure conditions. Surface Science, 2013, 615, 33-40.	0.8	15
95	High-resolution photoelectron spectroscopy study of degradation of rubber-to-brass adhesion by thermal aging. Applied Surface Science, 2013, 268, 117-123.	3.1	25
96	In Situ Photoemission Observation of Catalytic CO Oxidation Reaction on Pd(110) under Near-Ambient Pressure Conditions: Evidence for the Langmuirâ€“Hinshelwood Mechanism. Journal of Physical Chemistry C, 2013, 117, 20617-20624.	1.5	26
97	Site-specific ion desorption from condensed F3SiCD2CH2Si(CH3)3 induced by Si-2p core-level ionizations studied with photoelectron photoion coincidence (PEPICO) spectroscopy, Auger photoelectron coincidence spectroscopy (APECS) and Auger electron photoion coincidence (AEPICO) spectroscopy. Surface Science, 2013, 607, 174-180.	0.8	5
98	Graphene nanoribbons on vicinal SiC surfaces by molecular beam epitaxy. Physical Review B, 2013, 87, .	1.1	24
99	Direct observation of energy band development in a one-dimensional biradical molecular chain by ultraviolet photoemission spectroscopy. Applied Physics Letters, 2013, 102, 134103.	1.5	10
100	High-resolution photoelectron spectroscopy analysis of sulfidation of brass at the rubber/brass interface. Applied Surface Science, 2013, 264, 297-304.	3.1	22
101	Utilizing Carbon Nanotube Electrodes to Improve Charge Injection and Transport in Bis(trifluoromethyl)-dimethyl-rubrene Ambipolar Single Crystal Transistors. ACS Nano, 2013, 7, 10245-10256.	7.3	56
102	Publisherâ€™s Note: Graphene nanoribbons on vicinal SiC surfaces by molecular beam epitaxy [Phys. Rev. B87, 121407(R) (2013)]. Physical Review B, 2013, 87, .	1.1	1
103	Performance of PF BL-13A, a vacuum ultraviolet and soft X-ray undulator beamline for studying organic thin films adsorbed on surfaces. Journal of Physics: Conference Series, 2013, 425, 152019.	0.3	65
104	Electronic Structure of Organic Biradical Molecular Films. Journal of the Vacuum Society of Japan, 2013, 56, 32-38.	0.3	0
105	Report on the Symposium ^|^ldquo;New Aspects of Materials Science Pioneered by Neutron and Muon Beams^|^rdquo; Planned by the Vacuum Society of Japan. Journal of the Vacuum Society of Japan, 2013, 56, 280-282.	0.3	0
106	Report on the Japan Vacuum Show ^|^ldquo;VACUUM2012^|^rdquo;. Journal of the Vacuum Society of Japan, 2013, 56, 107-110.	0.3	0
107	Attempts to Improve the Sensitivity and the Energy Resolution of an Analyzer for Auger Photoelectron Coincidence Spectroscopy and Electron Ion Coincidence Spectroscopy. Journal of the Vacuum Society of Japan, 2013, 56, 507-510.	0.3	0
108	Photostimulated Desorption of NO Chemisorbed on Pt (001) at 193 nm. Progress of Theoretical Physics Supplement, 2013, 106, 349-359.	0.2	0

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109	Full Picture of Valence Band Structure of Rubrene Single Crystals Probed by Angle-Resolved and Excitation-Energy-Dependent Photoelectron Spectroscopy. Applied Physics Express, 2012, 5, 111601.	1.1	37
110	In situremoval of carbon contamination from optics in a vacuum ultraviolet and soft X-ray undulator beamline using oxygen activated by zeroth-order synchrotron radiation. Journal of Synchrotron Radiation, 2012, 19, 722-727.	1.0	32
111	In Situ Ambient Pressure XPS Study of CO Oxidation Reaction on Pd(111) Surfaces. Journal of Physical Chemistry C, 2012, 116, 18691-18697.	1.5	135
112	Active Surface Oxygen for Catalytic CO Oxidation on Pd(100) Proceeding under Near Ambient Pressure Conditions. Journal of Physical Chemistry Letters, 2012, 3, 3182-3187.	2.1	67
113	Construction of Simple Non-Evaporable Getter Assemblies Using St 707 Strips or St 172 Modules. Journal of the Vacuum Society of Japan, 2012, 55, 21-23.	0.3	1
114	Study of Local Valence Electronic States of SiO2Ultrathin Films Grown on Si(111) by Using Auger Photoelectron Coincidence Spectroscopy: Upward Shift of Valence-Band Maximum Depending on the Interface Structure. Journal of the Physical Society of Japan, 2012, 81, 074706.	0.7	4
115	Damage at KEK B Factory and Photon Factory due to the Great East Japan Earthquake. Journal of the Vacuum Society of Japan, 2012, 55, 7-10.	0.3	1
116	Simple Low-Outgassing Atomic Hydrogen Source. Journal of the Vacuum Society of Japan, 2012, 55, 403-404.	0.3	1
117	Report on the Japan Vacuum Show â€œVACUUM2011â€• Journal of the Vacuum Society of Japan, 2012, 55, 129-130.	0.3	0
118	Electron Donor Molecule on the Oxide Surface: Influence of Surface Termination of ZnO on Adsorption of Tetrathiafulvalene. Journal of Physical Chemistry C, 2011, 115, 21843-21851.	1.5	17
119	Surface-site-selective study of valence electronic states of a clean Si(111)-7Ã—7 surface using SiL23VVAuger electron and Si 2pphotoelectron coincidence measurements. Physical Review B, 2011, 83, .	1.1	12
120	Present Status of a New Vacuum Ultraviolet and Soft X-Ray Undulator Beamline BL-13A for the Study of Organic Thin Films Adsorbed on Surfaces. Journal of the Vacuum Society of Japan, 2011, 54, 580-584.	0.3	24
121	Auger electron spectra of hydrogenated Si(111)-1Ã—1 surface obtained fromSi-L₂₃VVAuger electron Si-2pphotoelectron coincidence measurements. Journal of Physics: Conference Series, 2011, 288, 012016.	0.3	0
122	Local Valence Electronic States of SiO2 Ultrathin Films Grown on Si(100) Studied Using Auger Photoelectron Coincidence Spectroscopy: Observation of Upward Shift of Valence-Band Maximum as a Function of SiO2 Thickness. Journal of the Physical Society of Japan, 2011, 80, 084703.	0.7	3
123	Comparison of the surface electronic structures of H-adsorbed ZnO surfaces: An angle-resolved photoelectron spectroscopy study. Physical Review B, 2011, 83, .	1.1	60
124	Report on Water-Cooled Movable Masks Made of Forged 0.2% Beryllium Copper Alloy. Journal of the Vacuum Society of Japan, 2011, 54, 481-482.	0.3	3
125	Report on the 32nd Japan Vacuum Show â€œVACUUM2010â€• Journal of the Vacuum Society of Japan, 2011, 54, 67-71.	0.3	0
126	Construction of a New VUVâˆ•Soft X-ray Undulator Beamline BL-13A in the Photon Factory for Study of Organic Thin Films and Biomolecules Adsorbed on Surfaces. AIP Conference Proceedings, 2010, , .	0.3	11

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127	Surface-Site-Selective Study of Valence Electronic Structures of Clean Si(100)-2Ã—1 Using Si-L23VV Auger Electronâ€“Si-2p Photoelectron Coincidence Spectroscopy. Journal of the Physical Society of Japan, 2010, 79, 064714.	0.7	8
128	Hydrogen ion desorption from amorphous carbon films induced by resonant core electron excitations. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 127-130.	0.6	0
129	Topmost-surface-sensitive Si-2p photoelectron spectra of clean Si(100)-2Ã—1 measured with photoelectron Auger coincidence spectroscopy. Surface Science, 2010, 604, L27-L30.	0.8	8
130	Construction of Simple Non-Evaporable Getter Assemblies Using St707 Strips. Journal of the Vacuum Society of Japan, 2010, 53, 533-534.	0.3	3
131	Metallization of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>ZnO</mml:mtext><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mn>10</mml:mn> adsorption of hydrogen, methanol, and water: Angle-resolved photoelectron spectroscopy. Physical Review B, 2010, 81, .	1.1	55
132	Ion Desorption from Single-Walled Carbon Nanotubes Induced by Soft X-ray Illumination. Japanese Journal of Applied Physics, 2010, 49, 105104.	0.8	3
133	Development of One-Body Type Water- and Air-Cooling Fixed Masks Made of Forged 0.2% Beryllium Copper Alloy. Journal of the Vacuum Society of Japan, 2010, 53, 454-457.	0.3	4
134	Development of a compact electron ion coincidence analyzer using a coaxially symmetric mirror electron energy analyzer and a miniature polar-angle-resolved time-of-flight ion mass spectrometer with four concentric anodes. Review of Scientific Instruments, 2009, 80, 043303.	0.6	0
135	Auger-electron spectra of F3SiCH2CH2Si(CH3)3 obtained by using monochromatized synchrotron radiation. Journal of Electron Spectroscopy and Related Phenomena, 2009, 175, 14-20.	0.8	8
136	Report on Construction of Digital Archive of â€œShinkuâ€•and Publication of Electronic Journal. Journal of the Vacuum Society of Japan, 2009, 52, 30.	0.3	0
137	Report on the 30th Japan Vacuum Show â€œVACUUM2008â€• Journal of the Vacuum Society of Japan, 2009, 52, 12-16.	0.3	0
138	Construction and Evaluation of a Miniature Electron Ion Coincidence Analyzer Mounted on a Conflat Flange with an Outer Diameter of 114 mm. Analytical Sciences, 2008, 24, 87-92.	0.8	4
139	Development of an Apparatus for High-Resolution Auger Photoelectron Coincidence Spectroscopy (APECS) and Electron Ion Coincidence (EICO) Spectroscopy. Journal of the Vacuum Society of Japan, 2008, 51, 749-757.	0.3	14
140	Titanium Dioxide (TiO2) Single Crystal Holder with a Cold Trap and a Heating Mechanism Mounted on a Conflat Flange with an Outer Diameter of 70 mm. Journal of the Vacuum Society of Japan, 2008, 51, 44-47.	0.3	4
141	Simple Evaporator for Metal Evaporation Mounted on a Conflat Flange with an Outer Diameter of 70 mm. Journal of the Vacuum Society of Japan, 2008, 51, 99-101.	0.3	2
142	Development of a miniature double-pass cylindrical mirror electron energy analyzer (DPCMA), and its application to Auger photoelectron coincidence spectroscopy (APECS). Surface Science, 2007, 601, 3589-3592.	0.8	8
143	Development of an electron electron ion coincidence analyzer for Auger photoelectron coincidence spectroscopy (APECS) and electron ion coincidence (EICO) spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2007, 161, 164-171.	0.8	14
144	Simultaneous Measurements of Mass and Kinetic-Energy Distribution of Ions Using a Miniature Cylindrical Mirror Analyzer (CMA) and Synchrotron Radiation under the Single-Bunch Mode Operation-Application for H+ Desorption Induced by Core-Level Excitations of Condensed Ammonia-. Shinku/Journal of the Vacuum Society of Japan, 2007, 50, 530-533.	0.2	1

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