

# Hiromi Ikeura-Sekiguchi

## List of Publications by Year in descending order

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papers

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all docs

51  
docs citations

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times ranked

651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of binary Ce-Ir alloy photocathodes. Japanese Journal of Applied Physics, 2019, 58, SIIB10.	0.8	4
2	Unoccupied conduction band of chloroaluminum phthalocyanine. Japanese Journal of Applied Physics, 2019, 58, SIIC04.	0.8	0
3	Photo-oxidative doping in $\pi$ -conjugated zig-zag chain of carbon atoms with sulfur-functional group. Applied Physics Letters, 2017, 111, 231605.	1.5	0
4	Observation of Oriented Organic Semiconductor using Photo-Electron Emission Microscope (PEEM) with Polarized Synchrotron. Molecular Crystals and Liquid Crystals, 2015, 622, 44-49.	0.4	1
5	Investigation of Unoccupied Electronic States near the Fermi Level of Polysilane using Resonant Auger Spectroscopy. Molecular Crystals and Liquid Crystals, 2015, 622, 164-169.	0.4	0
6	Electronic Properties of 6,13-Bis(triisopropylsilylethynyl)pentacene Probed by Inner-Shell Spectroscopy. Molecular Crystals and Liquid Crystals, 2015, 622, 50-54.	0.4	0
7	Molecular ordering effect of regioregular poly(3-hexylthiophene) using sulfur K-edge X-ray absorption spectroscopy. Japanese Journal of Applied Physics, 2014, 53, 02BB07.	0.8	13
8	Quasi-monochromatic hard X-ray source via laser Compton scattering and its application. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 637, S183-S186.	0.7	36
9	Femto- and attosecond electron dynamics in 5'-Guanosine monophosphate interface as probed by resonant Auger spectroscopy. Surface and Interface Analysis, 2010, 42, 1085-1088.	0.8	5
10	Laser-Compton X-rays for Medical and Industrial Imaging Studies. , 2009, , .		0
11	Characterization of x-ray photocathode in transmission mode for imaging application. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2009, 27, 1144-1148.	0.9	1
12	First observation of multi-pulse X-ray train via multi-collision laser Compton scattering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, S28-S31.	0.7	10
13	A trial for fine and low-dose imaging of biological specimens using quasi-monochromatic laser-Compton X-rays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, S7-S10.	0.7	28
14	Measurement of coherent terahertz radiation for time-domain spectroscopy and imaging. Radiation Physics and Chemistry, 2009, 78, 1102-1105.	1.4	8
15	X-ray imaging with laser-Compton scattering X-ray at AIST. Journal of Physics: Conference Series, 2009, 186, 012039.	0.3	0
16	Unoccupied electronic states in polythiophene as probed by XAS and RAS. Surface and Interface Analysis, 2008, 40, 673-675.	0.8	15
17	Enhancement effect in photon-stimulated ion desorption for benzene adsorbed on silicon surfaces observed using angle-dependent technique. Applied Surface Science, 2008, 254, 7812-7816.	3.1	1
18	In-line phase-contrast imaging of a biological specimen using a compact laser-Compton scattering-based x-ray source. Applied Physics Letters, 2008, 92, .	1.5	57

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19	Attosecond Electron Delocalization in the Conduction Band through the Phosphate Backbone of Genomic DNA. <i>Physical Review Letters</i> , 2007, 99, 228102.	2.9	41
20	A short-pulse hard x-ray source with compact electron linac via laser-Compton scattering for medical and industrial radiography. , 2007, , .		3
21	Ionic fragmentation of C 1s excited and ionized formic acid. <i>Chemical Physics</i> , 2006, 326, 589-599.	0.9	3
22	Chemical component mapping of pulverized toner by scanning transmission X-ray microscopy. <i>Micron</i> , 2006, 37, 290-295.	1.1	16
23	Characterization and degradation of ZEP520 resist film by TOF-PSID and NEXAFS. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 453-455.	0.8	15
24	Direct and indirect processes in photon-stimulated ion desorption from condensed formamide. <i>Surface Science</i> , 2005, 593, 303-309.	0.8	5
25	One-dimensional Grazing Incidence Zone Plate For Focusing Soft X-rays. <i>AIP Conference Proceedings</i> , 2004, , .	0.3	0
26	Orientation effect on photo-fragmentation and ion-desorption from the top most layers of molecular solids. <i>Surface Science</i> , 2003, 532-535, 1079-1084.	0.8	6
27	3d chemical mapping of toners by serial section scanning transmission X-ray microscopy. <i>European Physical Journal Special Topics</i> , 2003, 104, 509-512.	0.2	33
28	SOFT X-RAY MICROSCOPY OF SOFT MATTER " HARD INFORMATION FROM TWO SOFTS. <i>Surface Review and Letters</i> , 2002, 09, 193-201.	0.5	17
29	Fragmentation and charge-neutralization pathways depending on molecular orientation at surfaces. <i>Surface Science</i> , 2001, 482-485, 279-284.	0.8	12
30	X-ray spectromicroscopy of immiscible polymer blends: polystyrene"poly(methyl methacrylate). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2001, 121, 203-224.	0.8	62
31	Inner shell excitation and dissociation of condensed formamide. <i>Applied Surface Science</i> , 2001, 169-170, 282-286.	3.1	9
32	Verification of NEXAFS assignments by a comparison of fragmentation between gaseous and condensed methyl formate. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 548-550.	1.0	3
33	Orientation-selective excitation and dissociation in multilayer benzene. <i>Applied Surface Science</i> , 2001, 169-170, 287-291.	3.1	10
34	Site-specific ion desorption from condensed C- and N-deuterated formamide near the carbon and nitrogen K-edge. <i>Surface Science</i> , 2000, 454-456, 407-411.	0.8	6
35	Site-specific fragmentation of acetone adsorbates on Si(100) in the carbon 1s absorption edge. <i>Surface Science</i> , 2000, 454-456, 363-368.	0.8	20
36	Adsorption structure of formic acid on Si(100) studied by surface NEXAFS. <i>Surface Science</i> , 1999, 433-435, 549-553.	0.8	26

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37	Applications of a photoion-photoion-coincidence technique to the study of photon-stimulated ion-desorption process following K-shell excitation. <i>Surface Science</i> , 1997, 390, 199-203.	0.8	3
38	Photon-stimulated ion desorption from near the O K-edge. <i>Surface Science</i> , 1997, 390, 214-218.	0.8	16
39	Surface and Bulk $\pi^*$ (C-D) States in NEXAFS Spectra of Condensed Formic Acid Layers. <i>European Physical Journal Special Topics</i> , 1997, 7, C2-499-C2-500.	0.2	3
40	Comparison between Electron Yield, PSD Ion Yield, and Surface Pipico Yield in Near C and O K-Edge XAFS in Condensed Methyl Formate-D. <i>European Physical Journal Special Topics</i> , 1997, 7, C2-505-C2-506.	0.2	0
41	Kinetic energy released distributions of ions desorbed from H <sub>2</sub> O/Si(100) adsorption system by O 1s excitation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 80, 65-68.	0.8	4
42	State-specific ion desorption from DCOO/Si(100) by C 1s core excitation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 80, 121-124.	0.8	4
43	Enhanced photon stimulated ion-desorption yields from chemisorbed molecules through bond-selective core-electron excitation. <i>Physical Review B</i> , 1996, 53, 12655-12658.	1.1	26
44	Ion desorption from H <sub>2</sub> O chemisorbed on Si(100) by O 1s electron excitation at room temperature. <i>Journal of Chemical Physics</i> , 1995, 102, 1422-1431.	1.2	37
45	Photon stimulated ion desorption studies using pulsed synchrotron radiation. <i>Review of Scientific Instruments</i> , 1995, 66, 1474-1476.	0.6	47
46	Observation of neutral products of a soft X-ray stimulated etching reaction in the SF <sub>6</sub> /a-SiO <sub>2</sub> absorption system. <i>Chemical Physics Letters</i> , 1994, 217, 131-135.	1.2	1
47	Soft X-ray stimulated etching reaction in the SF <sub>6</sub> /SiO <sub>2</sub> adsorption system studied by neutral products detection. <i>Applied Surface Science</i> , 1994, 79-80, 62-66.	3.1	0
48	The Mechanism of Ion Desorption from H <sub>2</sub> O/Si(100) by O 1s Electron Excitation. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 246.	0.8	9
49	Valence bands of poly(methylmethacrylate) and photoion emission in vacuum ultraviolet region. <i>Journal of Applied Physics</i> , 1992, 72, 5423-5428.	1.1	23
50	Ion desorption from Si(100)-H <sub>2</sub> O/D <sub>2</sub> O by core-electron excitation. <i>AIP Conference Proceedings</i> , 1992, , .	0.3	0
51	A Mössbauer study of the correlation between the adsorption state and resonance effect magnitude of ferrocene supported on silica gel. <i>Hyperfine Interactions</i> , 1992, 69, 783-786.	0.2	2