Hisao Ishii

List of Publications by Year
in descending order

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218	9,812	53660	40881
papers	citations	45 h-index	93 g-index

225	225	225	7877
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Energy Level Alignment and Interfacial Electronic Structures at Organic/Metal and Organic/Organic Interfaces. Advanced Materials, 1999, 11, 605-625.	11.1	2,950
2	Dependence of indiumâ€“tinâ€“oxide work function on surface cleaning method as studied by ultraviolet and x-ray photoemission spectroscopies. Journal of Applied Physics, 2000, 87, 295-298.	1.1	490
3	Kelvin probe study of band bending at organic semiconductor/metal interfaces: examination of Fermi level alignment. Physica Status Solidi A, 2004, 201, 1075-1094.	1.7	222
4	Energy level alignment at organic/metal interfaces studied by UV photoemission: breakdown of traditional assumption of a common vacuum level at the interface. IEEE Transactions on Electron Devices, 1997, 44, 1295-1301.	1.6	198
5	Theoretical study ofn-alkane adsorption on metal surfaces. Physical Review B, 2004, 69, .	1.1	190
6	Highest-Occupied-Molecular-Orbital Band Dispersion of Rubrene Single Crystals as Observed by Angle-Resolved Ultraviolet Photoelectron Spectroscopy. Physical Review Letters, 2010, 104, 156401.	2.9	189
7	Spontaneous buildup of giant surface potential by vacuum deposition of Alq3 and its removal by visible light irradiation. Journal of Applied Physics, 2002, 92, 7306-7310.	1.1	162
8	Charge accumulation at organic semiconductor interfaces due to a permanent dipole moment and its orientational order in bilayer devices. Journal of Applied Physics, 2012, 111, .	1.1	145
9	Examination of band bending at buckminsterfullerene (C60)/metal interfaces by the Kelvin probe method. Journal of Applied Physics, 2002, 92, 3784-3793.	1.1	137
10	The electronic structure and energy level alignment of porphyrin/metal interfaces studied by ultraviolet photoelectron spectroscopy. Applied Physics Letters, 1995, 67, 1899-1901.	1.5	130
11	Electronic structures of organic molecular materials for organic electroluminescent devices studied by ultraviolet photoemission spectroscopy. Journal of Applied Physics, 1998, 83, 4928-4938.	1.1	129
12	Orientational ordering of alkyl chain at the air/liquid interface of ionic liquids studied by sum frequency vibrational spectroscopy. Chemical Physics Letters, 2004, 389, 321-326.	1.2	125
13	Energy-level alignment at model interfaces of organic electroluminescent devices studied by UV photoemission: trend in the deviation from the traditional way of estimating the interfacial electronic structures. IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 24-33.	1.9	119
14	Core hole effect in NEXAFS spectroscopy of polycyclic aromatic hydrocarbons: Benzene, chrysene, perylene, and coronene. Journal of Chemical Physics, 1998, 109, 10409-10418.	1.2	112
15	Origins of Improved Holeâ€Injection Efficiency by the Deposition of MoO₃ on the Polymeric Semiconductor Poly(dioctylfluoreneâ€altâ€benzothiadiazole). Advanced Functional Materials, 2009, 19, 3746-3752.	7.8	99
16	In-plane X-ray diffraction and polarized NEXAFS spectroscopic studies on the organized molecular films of fluorinated amphiphiles with vinyl esters and their comb-polymers. Chemical Physics Letters, 2001, 349, 6-12.	1.2	95
17	Photoinduced doping effect of pentacene field effect transistor in oxygen atmosphere studied by displacement current measurement. Applied Physics Letters, 2005, 86, 252104.	1.5	87
18	Identification of different origins for s-shaped current voltage characteristics in planar heterojunction organic solar cells. Journal of Applied Physics, 2012, 111, .	1.1	86

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19	Electronic structure of organic/metal interfaces. Thin Solid Films, 2001, 393, 298-303.	0.8	85
20	Energy Level Alignment and Interfacial Electronic Structures at Organic/Metal and Organic/Organic Interfaces. , 1999, 11, 605.		85
21	V_{oc} from a Morphology Point of View: the Influence of Molecular Orientation on the Open Circuit Voltage of Organic Planar Heterojunction Solar Cells. Journal of Physical Chemistry C, 2014, 118, 26462-26470.	1.5	78
22	Direct observation of the electronic states of single crystalline rubrene under ambient condition by photoelectron yield spectroscopy. Applied Physics Letters, 2008, 93, 173305.	1.5	76
23	Threshold voltage shift and formation of charge traps induced by light irradiation during the fabrication of organic light-emitting diodes. Applied Physics Letters, 2008, 92, 203306.	1.5	71
24	Carrier Injection Characteristics in Organic Field Effect Transistors Studied by Displacement Current Measurement*. Japanese Journal of Applied Physics, 2003, 42, L1275-L1278.	0.8	70
25	Energy level alignment at organic/metal interfaces studied by UV photoemission. Synthetic Metals, 1997, 91, 137-142.	2.1	68
26	Soft X-ray Absorption and X-ray Photoelectron Spectroscopic Study of Tautomerism in Intramolecular Hydrogen Bonds ofN-Salicylideneaniline Derivatives. Journal of the American Chemical Society, 1997, 119, 6336-6344.	6.6	67
27	Structure of copper- and H2-phthalocyanine thin films on MoS2 studied by angle-resolved ultraviolet photoelectron spectroscopy and low energy electron diffraction. Journal of Applied Physics, 1999, 85, 6453-6461.	1.1	62
28	Influence of the direction of spontaneous orientation polarization on the charge injection properties of organic light-emitting diodes. Applied Physics Letters, 2013, 102, .	1.5	62
29	Photoemission measurement of extremely insulating materials: Capacitive photocurrent detection in photoelectron yield spectroscopy. Applied Physics Letters, 2008, 92, .	1.5	60
30	Interfacial electronic structure of long-chain alkane/metal systems studied by UV-photoelectron and metastable atom electron spectroscopies. Chemical Physics Letters, 1998, 287, 137-142.	1.2	59
31	Energy Level Alignment at Alq3/LiF/Al Interfaces Studied by Electron Spectroscopies: Island Growth of LiF and Size-Dependence of the Electronic Structures. Japanese Journal of Applied Physics, 2003, 42, 3666-3675.	0.8	59
32	Air-stable n-channel organic field-effect transistors based on N,Nâ€²-bis(4-trifluoromethylbenzyl)perylene-3,4,9,10-tetracarboxylic diimide. Chemical Physics Letters, 2007, 436, 139-143.	1.2	59
33	Angle-resolved photoelectron spectroscopic study of orientedp-sexiphenyl: Wave-number conservation and blurring in a short model compound of poly(p-phenylene). Physical Review B, 1995, 52, 2362-2373.	1.1	57
34	Atmospheric effect of air, N2, O2, and water vapor on the ionization energy of titanyl phthalocyanine thin film studied by photoemission yield spectroscopy. Journal of Applied Physics, 2007, 102, 103704.	1.1	57
35	Spontaneous orientation polarization in organic light-emitting diodes. Japanese Journal of Applied Physics, 2019, 58, SF0801.	0.8	57
36	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

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37	Angle-resolved ultraviolet photoelectron spectroscopy of thin films of bis(1,2,5-thiadiazolo)-p-quinobis (1,3-dithiole) on the MoS2 surface. Journal of Chemical Physics, 1997, 107, 2079-2088.	1.2	55
38	Angle-resolved ultraviolet photoelectron spectroscopy and theoretical simulation of a well-ordered ultrathin film of tetratetracontane(nâˆ'C44H90)on Cu(100): Molecular orientation and intramolecular energy-band dispersion. Physical Review B, 1999, 60, 9046-9060.	1.1	55
39	Photoemission study of direct photomicromachining in poly(vinylidene fluoride). Journal of Applied Physics, 2000, 87, 4010-4016.	1.1	53
40	Effect of the terminal branching structure of some liquid-crystalline biphenyl carboxylates on the stability of the antiferroelectric phase. Journal of Materials Chemistry, 1995, 5, 2297.	6.7	51
41	Formation of Schottky barriers at interfaces between metals and molecular semiconductors of pâ€•and nâ€type conductances. Applied Physics Letters, 1996, 69, 1059-1061.	1.5	51
42	Ultraviolet photoelectron spectroscopy of poly(pyridineâ€2,5â€diyl), poly(2,2â€²â€bipyridineâ€5,5â€²â€diyl), and their Kâ€doped states. Journal of Chemical Physics, 1995, 103, 2738-2744.	1.2	50
43	Ambipolar operation of fullerene field-effect transistors by semiconductor/metal interface modification. Journal of Applied Physics, 2005, 97, 104509.	1.1	50
44	Observation of spontaneous orientation polarization in evaporated films of organic light-emitting diode materials. Organic Electronics, 2018, 58, 313-317.	1.4	50
45	Epitaxial Growth of an Organic pâ€“n Heterojunction: C₆₀ on Single-Crystal Pentacene. ACS Applied Materials & Interfaces, 2016, 8, 13499-13505.	4.0	49
46	Structures of a Long-Chainn-Alkane,n-C44H90, on a Au(111) Surface:Â An Infrared Reflection Absorption Spectroscopic Study. Journal of Physical Chemistry B, 2000, 104, 7363-7369.	1.2	47
47	Polarized NEXAFS Spectroscopic Studies of Poly(butylene terephthalate), Poly(ethylene terephthalate), and Their Model Compounds. Journal of Physical Chemistry A, 1998, 102, 7093-7099.	1.1	46
48	Study of the interaction of tris-(8-hydroxyquinoline) aluminum (Alq3) with potassium using vibrational spectroscopy: Examination of possible isomerization upon K doping. Journal of Applied Physics, 2004, 96, 5534-5542.	1.1	46
49	Analyzing degradation effects of organic light-emitting diodes via transient optical and electrical measurements. Journal of Applied Physics, 2015, 117, .	1.1	46
50	Formation of polaron pairs and time-resolved photogeneration of free charge carriers inÏ€-conjugated polymers. Physical Review B, 2000, 62, 2505-2515.	1.1	43
51	Softened CH Stretching Vibration of a Long-Chainn-Alkane,n-C44H90, Physisorbed on a Ag(111) Surface:Â An Infrared Reflection Absorption Spectroscopic Study. Journal of Physical Chemistry B, 2000, 104, 7370-7376.	1.2	43
52	Charge carrier dynamics and degradation phenomena in organic light-emitting diodes doped by a thermally activated delayed fluorescence emitter. Organic Electronics, 2015, 17, 184-191.	1.4	43
53	Coherent Electron Transport across a 3 nm Bioelectronic Junction Made of Multi-Heme Proteins. Journal of Physical Chemistry Letters, 2020, 11, 9766-9774.	2.1	42
54	Displacement Current Measurement as a Tool to Characterize Organic Field Effect Transistors. Synthetic Metals, 2005, 153, 253-256.	2.1	41

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55	Energy structures of molecular semiconductors contacting metals under air studied by the diffusion potential measurements and the Kelvin probe technique. Thin Solid Films, 2000, 366, 237-248.	0.8	40
56	Metastable atom electron spectroscopy of clean and oxidized Si(111)-7 Ã— 7 surfaces: observation of the semiconductor-insulator transition. Surface Science, 1990, 239, 222-226.	0.8	39
57	Maximum probing depth of low-energy photoelectrons in an amorphous organic semiconductor film. Journal of Electron Spectroscopy and Related Phenomena, 2014, 197, 17-21.	0.8	38
58	Electronic structures of organic-inorganic interfaces studied by UV photoemission. Thin Solid Films, 1996, 273, 20-26.	0.8	37
59	p-Sexiphenyl/metal interfaces studied by photoemission and metastable atom electron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 517-521.	0.8	37
60	Displacement current measurement of a pentacene metalâ€“insulatorâ€“semiconductor device to investigate both quasi-static and dynamic carrier behavior using a combined waveform. Organic Electronics, 2011, 12, 1560-1565.	1.4	37
61	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
62	Single-Crystal Pentacene Valence-Band Dispersion and Its Temperature Dependence. Journal of Physical Chemistry Letters, 2017, 8, 1259-1264.	2.1	37
63	Trap elimination and injection switching at organic field effect transistor by inserting an alkane (C44H90) layer. Applied Physics Letters, 2007, 90, 033504.	1.5	35
64	Complete Demonstration of the Valence Electronic Structure Inside a Practical Organic Solar Cell Probed by Low Energy Photoemission. Advanced Energy Materials, 2014, 4, 1301354.	10.2	35
65	Electronic structure of Alq3/LiF/Al interfaces studied by UV photoemission. Synthetic Metals, 1999, 102, 1145-1146.	2.1	34
66	Infrared spectroscopy of pentacene thin film on SiO2 surface. Applied Surface Science, 2005, 244, 607-610.	3.1	34
67	SOFT X-RAY ABSORPTION SPECTRA OF THE LITHIUM PHTHALOCYANINE RADICAL. Surface Review and Letters, 2002, 09, 441-446.	0.5	32
68	Label-free detection and classification of DNA by surface vibration spectroscopy in conjugation with electrophoresis. Applied Physics Letters, 2005, 86, 053902.	1.5	31
69	Self-Assembled Electret for Vibration-Based Power Generator. Scientific Reports, 2020, 10, 6648.	1.6	31
70	Electronic structure of 8-hydroxyquinoline aluminum (alq3)/metal interfaces studied by UV photoemission. Synthetic Metals, 1997, 85, 1389-1390.	2.1	30
71	Electronic structures of TPD/metal interfaces studied by photoemission and Kelvin probe method. Applied Surface Science, 2001, 175-176, 407-411.	3.1	30
72	A relationship between a metal work function and a diffusion potential at Schottky barriers in photovoltaic cells based on a molecular semiconductor. Chemical Physics Letters, 1995, 240, 345-350.	1.2	29

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73	Structures of a film of the long-chain n-alkane n-C44H90 on a Cu surface. Surface Science, 2002, 515, 157-174.	0.8	29
74	NEXAFS spectroscopic studies of molecular orientation in Î±-sexithienyl evaporated thin films on metal films. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 379-382.	0.8	28
75	Interface electronic structure between organic semiconductor film and electrode metal probed by photoelectron yield spectroscopy. Organic Electronics, 2012, 13, 309-319.	1.4	28
76	Surface Orientation of Main and Side Chains of Polyimide Alignment Layer Studied by Near-Edge X-ray Absorption Fine Structure Spectroscopy. Journal of Physical Chemistry B, 2001, 105, 9191-9195.	1.2	27
77	Electronic structures at organic heterojunctions of N,Nâ€²-bis(1-naphthyl)-N,Nâ€²-diphenyl-1,1â€²-biphenyl-4,4â€²-diamin (NPB)-based organic light emitting diodes. Organic Electronics, 2012, 13, 2850-2855.	1.4	27
78	Energy Level Alignment and Interfacial Electronic Structures at Organic/Metal and Organic/Organic Interfaces. , 1999, 11, 605.		27
79	Higher Resistance to Hole Injection and Electric Field Distribution in Organic Light-Emitting Diodes with Copper Phthalocyanine Interlayer. Japanese Journal of Applied Physics, 2010, 49, 01AA01.	0.8	25
80	Photoinduced Doping of Organic Field Effect Transistors Studied by Displacement Current Measurement and Infrared Absorption Spectroscopy in Multiple Internal Reflection Geometry. Japanese Journal of Applied Physics, 2006, 45, 530-533.	0.8	24
81	Characterization of the Interactions between Alq₃ Thin Films and Al Probed by Two-Color Sum-Frequency Generation Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 9551-9560.	1.5	24
82	Atmospheric Effect on the Ionization Energy of Titanyl Phthalocyanine Thin Film as Studied by Photoemission Yield Spectroscopy. Molecular Crystals and Liquid Crystals, 2006, 455, 219-225.	0.4	23
83	Photoelectron Yield Spectroscopy for Electronic Structures of Organic Electronic Materials and their Interfaces. Hyomen Kagaku, 2007, 28, 264-270.	0.0	23
84	Electronic structure of organic carrier transporting material / metal interfaces as a model interface of electroluminescent device studied by UV photoemission. Synthetic Metals, 1997, 86, 2425-2426.	2.1	22
85	Polarized Near Edge X-ray Absorption Fine Structure Spectroscopic Study on Organized Molecular Films of Fluorinated Comb Polymers with Various Chain Lengths. Langmuir, 2002, 18, 1437-1440.	1.6	22
86	Low-Energy Photoemission Study of C60/Rubrene/Au Interfaces in Practical Device Thickness. Applied Physics Express, 2013, 6, 025801.	1.1	22
87	Valence band structure of rubrene single crystals in contact with an organic gate dielectric. Organic Electronics, 2013, 14, 1825-1832.	1.4	22
88	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
89	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
90	Significant relaxation of residual negative carrier in polar Alq₃ film directly detected by high-sensitivity photoemission. Applied Physics Express, 2016, 9, 021601.	1.1	22

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91	High-Energy Spectroscopic Studies of the Electronic Structures of Organic Systems Formed from Carbon and Fluorine by UPS, Vacuum-UV Optical Spectroscopy, and NEXAFS: Poly(hexafluoro-1,3-butadiene) [C(CF₃) = C(CF₃)]_n, Fluorinated Graphites (CF, C₂F, and C₆F), Perfluoroalkanes n-C_nF_{2n+2}, Poly(tetrafluoroethylene) (CF₂)<sub> n		

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109	Electronic structure of graphite fluorides. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 288, 340-344.	0.9	16
110	Evaluation of internal potential distribution and carrier extraction properties of organic solar cells through Kelvin probe and time-of-flight measurements. Journal of Applied Physics, 2014, 116, .	1.1	16
111	Influence of intermolecular interactions on the formation of spontaneous orientation polarization in organic semiconducting films. Journal of the Society for Information Display, 2021, 29, 29-37.	0.8	16
112	Electronic structure of p-sexiphenyl â€" metal interfaces studied by electron spectroscopies. Synthetic Metals, 1999, 101, 654-655.	2.1	15
113	Tuning gap states at organic-metal interfaces via quantum size effects. Nature Communications, 2013, 4, 2925.	5.8	15
114	10¹⁵ cm^{â^'3} eV^{â^'1} level detection of density of states of a p-type polymer by hÎ½-dependent high-sensitivity ultraviolet photoemission spectroscopy. Applied Physics Express, 2017, 10, 011602.	1.1	15
115	Determination of two-dimensional structures of ultrathin films of H2î—¸ and Cuî—¸ phthalocyanine on MoS2 by angle-resolved ultraviolet photoemission and low energy electron diffraction. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 213-218.	0.8	14
116	The electronic structure and energy level alignment of porphyrin/metal interfaces studied by ultraviolet photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 559-564.	0.8	14
117	UV Photoelectron Spectroscopy of Substituted Polyacetylenes. Journal of Physical Chemistry B, 1997, 101, 9165-9169.	1.2	14
118	Effective escape depth of photoelectrons for hydrocarbon films in total electron yield measurement as C K-edge. Journal of Synchrotron Radiation, 1999, 6, 803-804.	1.0	14
119	Vibration spectroscopic study of the interaction of tris-(8-hydroxyquinoline) aluminum (Alq3) with potassium. Applied Surface Science, 2002, 190, 382-385.	3.1	14
120	Crystallinity of the epitaxial heterojunction of C60 on single crystal pentacene. Journal of Crystal Growth, 2017, 468, 770-773.	0.7	14
121	Understanding spontaneous orientation polarization of amorphous organic semiconducting films and its application to devices. Synthetic Metals, 2022, 288, 117101.	2.1	14
122	Photoemission study on poly(pyridine-2,5-diyl), poly(2,2â€²-bipyridine-5,5â€²-diyl), and their K-doped states. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 399-402.	0.8	13
123	Energy level alignment and band bending at TPD/metal interfaces studied by Kelvin probe method. Synthetic Metals, 2001, 121, 1717-1718.	2.1	13
124	UV-Photoinduced Surface Anisotropy of Polyimide Studied by Near-Edge X-Ray Absorption Fine Structure Spectroscopy. Japanese Journal of Applied Physics, 2003, 42, L67-L69.	0.8	13
125	In Situ Real-Time Infrared Spectroscopy Study of Formation of Porous Anodic Alumina on Si. Journal of the Electrochemical Society, 2006, 153, C296.	1.3	13
126	Photoresponses in Gold Nanoparticle Single-Electron Transistors with Molecular Floating Gates. Japanese Journal of Applied Physics, 2013, 52, 110102.	0.8	13

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127	MEMS post-processed self-assembled electret for vibratory energy harvesters. Applied Physics Letters, 2021, 119, .	1.5	13
128	Observation of Auger transitions across the surface states of Si(111)-7Ã—7 by metastable atom electron spectroscopy. Solid State Communications, 1992, 82, 587-590.	0.9	12
129	Photoelectron Angular Distribution of Thin Films of Copper Phthalocyanine on MoS₂ Surfaces: Quantitative Determination of Molecular Orientation. Molecular Crystals and Liquid Crystals, 1995, 267, 211-216.	0.3	12
130	Adsorption of naphthalene on a Si(100)-2Ã—1 surface investigated by infrared spectroscopy. Surface Science, 2005, 576, 45-55.	0.8	12
131	Photoinduced conductance switching in a dye-doped gold nanoparticle transistor. Applied Physics Letters, 2012, 101, .	1.5	12
132	Molecular floating-gate single-electron transistor. Scientific Reports, 2017, 7, 1589.	1.6	12
133	Direct Probing of Gap States and Their Passivation in Halide Perovskites by High-Sensitivity, Variable Energy Ultraviolet Photoelectron Spectroscopy. Journal of Physical Chemistry C, 2021, 125, 5217-5225.	1.5	12
134	Study of Î±-Sexithienyl Thin Film by Polarized Near Edge X-ray Absorption Fine Structure. Japanese Journal of Applied Physics, 1996, 35, 2822-2825.	0.8	11
135	Orientational Structure of Thiophene Thiol Self-Assembled Monolayer Studied by Using Metastable Atom Electron Spectroscopy and Infrared Reflection Absorption Spectroscopy. Langmuir, 2001, 17, 4282-4286.	1.6	11
136	Electronic Structure of Polycarbosilane Studied by UV Photoelectron Spectroscopy. Journal of Physical Chemistry B, 2001, 105, 5626-5629.	1.2	11
137	Ultraviolet Photoelectron Spectroscopy of n-Type Conducting Polymers. Synthetic Metals, 1997, 84, 939-940.	2.1	10
138	Surface-enhanced Raman scattering study of silver deposition on thin Alq3 layers. Applied Surface Science, 2002, 190, 371-375.	3.1	10
139	IRRAS and LEED studies of films of the long chain n-alkane n-C44H90 on Cu(1 0 0) and Cu(1 1 0). Applied Surface Science, 2003, 212-213, 441-445.	3.1	10
140	Neat Alq3 thin film and metal/Alq3 interfaces studied by NEXAFS spectroscopy. Synthetic Metals, 2005, 152, 277-280.	2.1	10
141	Core hole effect in NEXAFS spectroscopy of aromatic hydrocarbons: chrysene, perylene and coronene. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 383-386.	0.8	9
142	Density of states evaluation of an insulating polymer by high-sensitivity ultraviolet photoemission spectroscopy. Applied Physics Letters, 2017, 110, .	1.5	9
143	Metal-on-p-sexiphenyl films studied by electron spectroscopies. Synthetic Metals, 2001, 121, 1721-1722.	2.1	8
144	INTRAMOLECULAR ENERGY BAND DISPERSION IN ORIENTED THIN FILM OF n-CF3(CF2)22CF3 STUDIED BY ANGLE-RESOLVED UPS AND THEORETICAL SIMULATION. Surface Review and Letters, 2002, 09, 407-412.	0.5	8

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145	Examination of band bending at C60/metal interfaces by the Kelvin probe method. Synthetic Metals, 2003, 137, 1377-1378.	2.1	8
146	Study of the interaction of tris-(8-hydroxyquinoline) aluminum (Alq3) with potassium using vibrational spectroscopy: Examination of the possible isomerization upon K-doping. Synthetic Metals, 2005, 154, 161-164.	2.1	8
147	Carrier Injection Characteristics of Metal/Tris-(8-hydroxyquinoline) Aluminum Interface with Long Chain Alkane Insertion Layer. Japanese Journal of Applied Physics, 2006, 45, 442-446.	0.8	8
148	Mechanism of hole accumulation at Î±-NPD/Alq 3 interface studied by displacement current measurement. , 2008, , .		8
149	Three-terminal capacitanceâ€“voltage measurements of pentacene field-effect transistors during operation. Organic Electronics, 2013, 14, 2491-2496.	1.4	8
150	Control of the dipole layer of polar organic molecules adsorbed on metal surfaces via different charge-transfer channels. Physical Review B, 2017, 95, .	1.1	8
151	Obtaining the Highest Occupied Molecular Orbital Peak of Organic Matter from Photoelectron Yield Spectra. Physical Review Applied, 2019, 11, .	1.5	8
152	Investigation of formation processes of an anodic porous alumina film on a silicon substrate. Applied Surface Science, 2004, 237, 369-373.	3.1	8
153	Organic/metal systems studied by electron spectroscopies and other techniques. Synthetic Metals, 2001, 119, 19-24.	2.1	7
154	Simulation study of angle-resolved photoemission spectra and intramolecular energy-band dispersion of a poly(tetrafluoroethylene) oligomer film. Journal of Chemical Physics, 2004, 120, 10753-10762.	1.2	7
155	Interfacial properties at the organic-metal interface probed using quantum well states. Physical Review B, 2012, 86, .	1.1	7
156	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
157	Primary processes of charge carrier generation in photoconducting polymers. Synthetic Metals, 2001, 119, 495-498.	2.1	6
158	Changes in the near-edge X-ray absorption fine structure spectra of long-chain diacetylene derivatives through photopolymerization in Langmuir-Blodgett films. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 2329-2336.	2.4	6
159	Interface electronic structures of 2-amino-4,5-imidazoledicarbonitrile on Ag and Al surfaces. Journal of Applied Physics, 2010, 108, .	1.1	6
160	Gap States of a Polyethylene Model Oligomer Observed by Using High-Sensitivity Ultraviolet Photoelectron Spectroscopy. IEICE Transactions on Electronics, 2019, E102.C, 168-171.	0.3	6
161	Structural Determination of the Epitaxial C₆₀ Overlayer on the Pentacene Single Crystal by Grazing Incidence X-ray Diffraction. Hyomen Kagaku, 2016, 37, 429-434.	0.0	6
162	Phase Determination of Second-Order Surface Susceptibility Tensor of Liquid Crystal Monolayer Using Ultra-Thin Film Local Oscillator. Japanese Journal of Applied Physics, 1998, 37, 1974-1981.	0.8	5

#	Article	IF	Citations
163	THE EFFECT OF A LiF LAYER ON Al/LiF/Alq3 INTERFACES STUDIED WITH ELECTRON SPECTROSCOPIES. Surface Review and Letters, 2002, 09, 425-430.	0.5	5
164	Observation of charge transport through CdSe/ZnS quantum dots in a single-electron transistor structure. Journal of Applied Physics, 2016, 120, .	1.1	5
165	XANES Spectroscopic Study of Chemical Bonding in Amides and N-Salicylideneanilines. Japanese Journal of Applied Physics, 1993, 32, 818.	0.8	5
166	Energy level alignment and band bending at organic interfaces. , 1999, 3797, 178.		4
167	FUNCTIONAL ORGANIC MATERIALS STUDIED USING UPS AND NEXAFS. Advanced Series in Physical Chemistry, 2002, , 386-461.	1.5	4
168	Spontaneous buildup of giant surface potential by the deposition of Alq3. Synthetic Metals, 2003, 137, 911-912.	2.1	4
169	Structural study of thin films of neutral and potassium-doped oligophenylenes on Cu(100). Surface Science, 2005, 589, 19-31.	0.8	4
170	Impedance spectroscopy for pentacene field-effect transistor: channel formation process in transistor operation. Proceedings of SPIE, 2011, , .	0.8	4
171	Interface Electronic Structure of Zinc-Phthalocyanine on the Silver Thin-Film Quantum-Well. E-Journal of Surface Science and Nanotechnology, 2012, 10, 149-152.	0.1	4
172	Interface Electronic Structures of the L-Cysteine on Noble Metal Surfaces Studied by Ultraviolet Photoelectron Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2015, 13, 373-379.	0.1	4
173	Negative capacitance in an organic solar cell observed by displacement current measurement. Journal of Physics: Conference Series, 2017, 924, 012012.	0.3	4
174	Influence of Polarity of Polarization Charge Induced by Spontaneous Orientation of Polar Molecules on Electron Injection in Organic Semiconductor Devices. IEICE Transactions on Electronics, 2019, E102.C, 172-175.	0.3	4
175	Energy Level Alignment and Interfacial Electronic Structures at Organic/Metal and Organic/Organic Interfaces. , 1999, 11, 605.		4
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