

Yukio Ouchi

List of Publications by Year in descending order

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59
papers

2,016
citations

361413

20
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233421

45
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59
all docs

59
docs citations

59
times ranked

2583
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Electronic structure of <i>n</i> -cycloparaphenylenes directly observed by photoemission spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8361-8367. | 2.8 | 3 |
| 2 | Reply to the "Comment on "Bi-layering at ionic liquid surfaces: a sum-frequency generation vibrational spectroscopy- and molecular dynamics simulation-based study" by M. Deutsch, O. M. Magnussen, J. Haddad, D. Pontoni, B. M. Murphy and B. M. Ocko, <i>Phys. Chem. Chem. Phys.</i> , 2021, DOI: 10.1039/D0CP04882H. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5028-5030. | 2.8 | 1 |
| 3 | Enhancement of the electrochemical stability of tetraglyme-Li[TFSA] electrolyte systems by adding [Bimps] zwitterion: An in-situ IV-SFG study. <i>Electrochimica Acta</i> , 2020, 361, 137020. | 5.2 | 6 |
| 4 | Topological Surface State of Bi ₂ Se ₃ Modified by Adsorption of Organic Donor Molecule Tetrathianaphthacene. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000524. | 3.7 | 2 |
| 5 | Magnetic moment distribution in nanosized antiferromagnetic NiO. <i>Journal of Applied Physics</i> , 2020, 127, 023902. | 2.5 | 13 |
| 6 | Bi-layering at ionic liquid surfaces: a sum-frequency generation vibrational spectroscopy- and molecular dynamics simulation-based study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12565-12576. | 2.8 | 9 |
| 7 | Impact on electronic structure of donor/acceptor blend in organic photovoltaics by decontamination of molybdenum-oxide surface. <i>Journal of Applied Physics</i> , 2018, 123, 205501. | 2.5 | 0 |
| 8 | Ionic Liquid-Based Electrolytes Containing Surface-Functionalized Inorganic Nanofibers for Quasisolid Lithium Batteries. <i>ACS Omega</i> , 2017, 2, 835-841. | 3.5 | 19 |
| 9 | IV-SFG studies on the effect of Li ⁺ in extending the electrochemical window at the Pt [C ₂ mim][FSA] interface. <i>Electrochemistry Communications</i> , 2016, 72, 54-58. | 4.7 | 21 |
| 10 | Liquid/liquid interface layering of 1-butanol and [bmim]PF ₆ ionic liquid: a nonlinear vibrational spectroscopy and molecular dynamics simulation study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24587-24597. | 2.8 | 17 |
| 11 | IV-SFG Studies on Surfaces and Interfaces of Ionic Liquids. <i>Hyomen Kagaku</i> , 2013, 34, 173-178. | 0.0 | 0 |
| 12 | Nonlinear vibrational spectroscopic studies on water/ionic liquid([C _n mim]TFSA: n = 4, 8) interfaces. <i>Faraday Discussions</i> , 2012, 154, 289-301. | 3.2 | 27 |
| 13 | Surface Nanocrystallization of an Ionic Liquid. <i>Physical Review Letters</i> , 2012, 108, 055502. | 7.8 | 39 |
| 14 | Displacement Current Measurement of MIS Devices with Ionic Liquids to Explore Carrier Behaviors in Model Interfaces of Organic Devices. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1286, 39. | 0.1 | 0 |
| 15 | Interfacial Structure at Ionic-liquid/Molecular-liquid Interfaces Probed by Sum-Frequency Generation Vibrational Spectroscopy. <i>ACS Symposium Series</i> , 2010, , 305-316. | 0.5 | 2 |
| 16 | Impact of Ground-State Charge Transfer and Polarization Energy Change on Energy Band Offsets at Donor/Acceptor Interface in Organic Photovoltaics. <i>Advanced Functional Materials</i> , 2010, 20, 715-721. | 14.9 | 59 |
| 17 | Lateral Inhomogeneity in the Electronic Structure of a Conjugated Poly(3-hexylthiophene) Thin Film. <i>Advanced Functional Materials</i> , 2010, 20, 2046-2052. | 14.9 | 9 |
| 18 | Double layer structure and adsorption/desorption hysteresis of neat ionic liquid on Pt electrode surface " an in-situ IR-visible sum-frequency generation spectroscopic study. <i>Electrochemistry Communications</i> , 2010, 12, 672-675. | 4.7 | 117 |

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|----|--|-----|-----------|
| 19 | Intermolecular band dispersion in a self-assembled phthalocyanine derivative film: The case of tetrakis(thiadiazole)porphyrine. <i>Physical Review B</i> , 2010, 82, . | 3.2 | 7 |
| 20 | Alkyl-chain dividing layer at an alcohol/ionic liquid buried interface studied by sum-frequency generation vibrational spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12943. | 2.8 | 22 |
| 21 | Influence of ionization energy change on valence band offset in organic p-n junction. <i>Applied Physics Letters</i> , 2009, 95, 113306. | 3.3 | 7 |
| 22 | Molecular orientation and electronic structure of 11,11,12,12-tetracyanonaphtho-2,6-quinodimethane vacuum-deposited on metal substrates: Charge transfer, complexation, and potassium doping. <i>Journal of Applied Physics</i> , 2009, 105, 023703. | 2.5 | 11 |
| 23 | Determination of electron affinity of electron accepting molecules. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 309-313. | 2.3 | 104 |
| 24 | Surface Structural Study on Ionic Liquids Using Metastable Atom Electron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19237-19243. | 3.1 | 79 |
| 25 | Influence of side chain of [6,6]-phenyl-C61-butyric acid methyl ester on interfacial electronic structure of [6,6]-phenyl-C61-butyric acid methyl ester /Ag substrate. <i>Applied Physics Letters</i> , 2009, 94, 043309. | 3.3 | 10 |
| 26 | Layer structure estimation of three-dimensional crystal and two-dimensional molecular film for fluorinated comb copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 534-546. | 2.1 | 6 |
| 27 | Intermolecular band dispersion in highly ordered monolayer and multilayer films of pentacene on Cu(110). <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 793-798. | 1.5 | 34 |
| 28 | Ultraviolet photoelectron spectroscopy and inverse photoemission spectroscopy of [6,6]-phenyl-C61-butyric acid methyl ester in gas and solid phases. <i>Journal of Applied Physics</i> , 2008, 104, . | 2.5 | 105 |
| 29 | Anion Configuration at the Air/Liquid Interface of Ionic Liquid [bmim]OTf Studied by Sum-Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11936-11941. | 2.6 | 66 |
| 30 | Interfacial Restructuring of Ionic Liquids Determined by Sum-Frequency Generation Spectroscopy and X-Ray Reflectivity. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19649-19654. | 3.1 | 116 |
| 31 | Atmospheric effect of air, N ₂ , O ₂ , and water vapor on the ionization energy of titanyl phthalocyanine thin film studied by photoemission yield spectroscopy. <i>Journal of Applied Physics</i> , 2007, 102, 103704. | 2.5 | 57 |
| 32 | Local Structure at the Air/Liquid Interface of Room-Temperature Ionic Liquids Probed by Infrared-Visible Sum Frequency Generation Vibrational Spectroscopy: A 1-Alkyl-3-methylimidazolium Tetrafluoroborates. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4860-4866. | 2.6 | 119 |
| 33 | IV-SFG and MAES Studies The Surface Structure of Ionic Liquids at Room Temperature. <i>Hyomen Kagaku</i> , 2007, 28, 304-310. | 0.0 | 0 |
| 34 | Formation and structure of organized molecular films for fluorinated comb copolymers. <i>Polymers for Advanced Technologies</i> , 2006, 17, 653-663. | 3.2 | 19 |
| 35 | Ultrahigh Vacuum Seebeck Effect and Conductivity Measurements on N-Doping of C60 Films. <i>Materials Research Society Symposia Proceedings</i> , 2006, 965, 1. | 0.1 | 1 |
| 36 | The Electronic Structure and the Energy Level Alignment at the Interface Between Organic Molecules and Metals. <i>Materials Research Society Symposia Proceedings</i> , 2006, 965, 1. | 0.1 | 0 |

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|----|---|-----|-----------|
| 37 | Electronic Structure of Ionic Liquids Studied by UV Photoemission and Inverse Photoemission Spectroscopy. Materials Research Society Symposia Proceedings, 2006, 965, 1. | 0.1 | 0 |
| 38 | Current Characteristics of Pristine and Tetrathianaphthacene-Doped Tris(8-Hydroxyquinoline) Aluminum (ALQ3) Thin Films. Molecular Crystals and Liquid Crystals, 2006, 455, 339-346. | 0.9 | 1 |
| 39 | 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. | 0.9 | 23 |
| 40 | Atmospheric Doping Effect on the Interfacial Electronic Structure of Titanyl Phthalocyanine Film. Molecular Crystals and Liquid Crystals, 2006, 455, 227-233. | 0.9 | 2 |
| 41 | The Effect of Atmospheric Doping on the Interfacial Electronic Structure of Phthalocyanine Thin Films as Studied by UPS. Materials Research Society Symposia Proceedings, 2005, 871, 1. | 0.1 | 0 |
| 42 | Ultraviolet Photoelectron Spectroscopy (UPS) Measurements of Cyanine Dye Films Fabricated by Solution Jet Beam Deposition Method. E-Journal of Surface Science and Nanotechnology, 2005, 3, 444-447. | 0.4 | 0 |
| 43 | 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. | 2.1 | 6 |
| 44 | Orientalional 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. | 2.6 | 125 |
| 45 | Title is missing!. Shinku/Journal of the Vacuum Society of Japan, 2004, 47, 516-521. | 0.2 | 0 |
| 46 | Energy Level Alignment at Fullerene/Phthalocyanine Interface Studied by Electron Spectroscopies. Materials Research Society Symposia Proceedings, 2003, 771, 351. | 0.1 | 3 |
| 47 | Spontaneous Orientation of Alq3 Molecule in Evaporated Film and Its Vanishment by Light Irradiation. Materials Research Society Symposia Proceedings, 2003, 771, 791. | 0.1 | 0 |
| 48 | SOFT X-RAY ABSORPTION SPECTRA OF THE LITHIUM PHTHALOCYANINE RADICAL. Surface Review and Letters, 2002, 09, 441-446. | 1.1 | 32 |
| 49 | Oriented Growth of Model Molecules of Polyethylene and Poly(tetrafluoroethylene) (n-C44H90 and) Tj ETQq1 1 0.784314 rgBT /Over Relation. Materials Research Society Symposia Proceedings, 2002, 734, 451. | 0.1 | 0 |
| 50 | FUNCTIONAL ORGANIC MATERIALS STUDIED USING UPS AND NEXAFS. Advanced Series in Physical Chemistry, 2002, , 386-461. | 1.5 | 4 |
| 51 | 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(CF ₃) = C(CF ₃)] _n , Fluorinated Graphites (CF, C ₂ F, and C ₆ F), Perfluoroalkanes C _n -C _n F _{2n+2} , Poly(tetrafluoroethylene) (CF ₂) _n | | |

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|----|---|------|-----------|
| 55 | Electronic structures of organic molecular materials for organic electroluminescent devices studied by ultraviolet photoemission spectroscopy. <i>Journal of Applied Physics</i> , 1998, 83, 4928-4938. | 2.5 | 129 |
| 56 | A Self-Assembled Monolayer of a Thiophene Monomer. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 322, 197-202. | 0.3 | 1 |
| 57 | UV Photoemission Study of Interfaces Related to Organic EL Devices. <i>Materials Research Society Symposia Proceedings</i> , 1997, 488, 719. | 0.1 | 2 |
| 58 | Soft X-ray Absorption and X-ray Photoelectron Spectroscopic Study of Tautomerism in Intramolecular Hydrogen Bonds of N-Salicylideneaniline Derivatives. <i>Journal of the American Chemical Society</i> , 1997, 119, 6336-6344. | 13.7 | 67 |
| 59 | Effect of configuration of the branching terminal group on the stability of antiferroelectric liquid crystals. <i>Ferroelectrics</i> , 1996, 178, 287-296. | 0.6 | 1 |