

Toshiaki Munakata

List of Publications by Year in descending order

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papers

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388
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Growth of Naphthalene Overlayer on Cu(111) Studied by STM, LEED, and 2PPE. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13334-13339.	3.1	34
2	Resonant effects on two-photon photoemission spectroscopy: Linewidths and intensities of occupied and unoccupied features for lead phthalocyanine films on graphite. <i>Physical Review B</i> , 2010, 81, .	3.2	31
3	Resonant two-photon photoemission study of electronically excited states at the lead phthalocyanine/graphite interface. <i>Physical Review B</i> , 2008, 77, .	3.2	28
4	Observation of molecular reorientation on evaporated biphenyl film surface by penning ionization electron spectroscopy. <i>Chemical Physics Letters</i> , 1980, 74, 409-412.	2.6	27
5	Time-resolved photoemission microspectroscopy based on fs-VUV laser light. <i>Surface Science</i> , 2002, 507-510, 434-440.	1.9	27
6	Intermolecular and interlayer interactions in copper phthalocyanine films as measured with microspot photoemission spectroscopy. <i>Applied Physics Letters</i> , 2006, 89, 202116.	3.3	27
7	Imaging of electronic structure of lead phthalocyanine films studied by combined use of PEEM and Micro-UPS. <i>Surface Science</i> , 2008, 602, 2232-2237.	1.9	27
8	The Complex Polymorphism and Thermodynamic Behavior of a Seemingly Simple System: Naphthalene on Cu(111). <i>Langmuir</i> , 2014, 30, 14163-14170.	3.5	24
9	Photoemission microspectroscopy of occupied and unoccupied surface states of crystalline facets formed on polycrystalline copper. <i>Physical Review B</i> , 2003, 68, .	3.2	22
10	Unoccupied electronic structure and molecular orientation of rubrene; from evaporated films to single crystals. <i>Surface Science</i> , 2016, 649, 7-13.	1.9	21
11	Dispersions of image potential states on surfaces of clean graphite and lead phthalocyanine film. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9601.	2.8	20
12	Lateral inhomogeneity of unoccupied states for PbPc films. <i>Surface Science</i> , 2011, 605, 982-986.	1.9	19
13	Diffuse Unoccupied Molecular Orbital of Rubrene Causing Image-Potential State Mediated Excitation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20098-20103.	3.1	19
14	Decay of the Exciton in Quaterthiophene-Terminated Alkanethiolate Self-Assembled Monolayers on Au(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 7400-7407.	3.1	19
15	Spectroscopic Investigation of Unoccupied States in Nano- and Macroscopic Scale: Naphthalene Overlayers on Highly Oriented Pyrolytic Graphite Studied by Combination of Scanning Tunneling Microscopy and Two-Photon Photoemission. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1035-1041.	3.1	18
16	Angle- and Time-Resolved Two-Photon Photoemission Spectroscopy for Unoccupied Levels of Lead Phthalocyanine Film. <i>Journal of Physical Chemistry C</i> , 2011, 115, 19269-19273.	3.1	17
17	Image Potential State Mediated Excitation at Rubrene/Graphite Interface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 5821-5826.	3.1	17
18	Naphthalene's Six Shades on Graphite: A Detailed Study on the Polymorphism of an Apparently Simple System. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22972-22978.	3.1	16

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19	Spectroscopic and microscopic investigations of organic ultrathin films: Correlation between geometrical structures and unoccupied electronic states. <i>Progress in Surface Science</i> , 2018, 93, 108-130.	8.3	16
20	Vibrationally resolved two-photon photoemission spectroscopy for lead phthalocyanine film on graphite. <i>Physical Review B</i> , 2009, 80, .	3.2	15
21	Optical observation of different conformational isomers in rubrene ultra-thin molecular films on epitaxial graphene. <i>Thin Solid Films</i> , 2016, 598, 271-275.	1.8	15
22	Photoemission microspectroscopy and imaging of bilayer islands formed in monolayer titanyl phthalocyanine films. <i>Chemical Physics Letters</i> , 2007, 449, 319-322.	2.6	14
23	The role of initial and final states in molecular spectroscopies. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 12730-12747.	2.8	14
24	Metastable phase of lead phthalocyanine films on graphite: Correlation between geometrical and electronic structures. <i>Physical Review B</i> , 2017, 95, .	3.2	13
25	Electronic excitation and relaxation dynamics of the LUMO-derived level in rubrene thin films on graphite. <i>Journal of Chemical Physics</i> , 2016, 145, 214703.	3.0	10
26	Microspot two-photon photoemission spectroscopy for CuPc film on HOPG. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 204, 145-148.	1.7	9
27	Role of Initial and Final States in Molecular Spectroscopies: Example of Tetraphenyldibenzoperfluoranthene (DBP) on Graphite. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19622-19638.	3.1	9
28	Direct visualization of diffuse unoccupied molecular orbitals at a rubrene/graphite interface. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 17415-17422.	2.8	7
29	Structural Characterization and Photoluminescence Properties of Monolayer Perylene on a Graphite Surface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12485-12491.	3.1	7
30	Formation and regulation of unoccupied hybridized band with image potential states at perylene/graphite interface. <i>Journal of Chemical Physics</i> , 2019, 151, 224703.	3.0	4
31	Hybridization of an unoccupied molecular orbital with an image potential state at a lead phthalocyanine/graphite interface. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 044004.	1.8	3
32	Dispersive Electronic States of the π -Orbitals Stacking in Single Molecular Lines on the Si(001)-(2 \times 1)-H Surface. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1199-1204.	4.6	2
33	Influence of molecular distortion on the exciton quenching for quaterthiophene-terminated self-assembled monolayers on Au(111). <i>Surface Science</i> , 2018, 669, 160-168.	1.9	2
34	Time-Resolved Microbeam Photoemission Microspectroscopy. <i>Hyomen Kagaku</i> , 2005, 26, 729-733.	0.0	1
35	Impact of molecular distribution on unoccupied image potential states of PbPc/HOPG surfaces. <i>Chemical Physics Letters</i> , 2022, 799, 139625.	2.6	1
36	Lateral Distribution of Optical Excitation at Boundaries around Rubrene Islands Visualized by Microspot Two-Photon Photoemission Spectroscopy. <i>Surface Science</i> , 2021, 709, 121847.	1.9	0