Toshiaki Munakata

List of Publications by Year
in descending order

36 papers	555 citations	516710 16 h-index	677142 22 g-index
36 all docs	36 docs citations	36 times ranked	388 citing authors

#	Article	IF	Citations
1	Impact of molecular distribution on unoccupied image potential states of PbPc/HOPG surfaces. Chemical Physics Letters, 2022, 799, 139625.	2.6	1
2	Lateral Distribution of Optical Excitation at Boundaries around Rubrene Islands Visualized by Microspot Two-Photon Photoemission Spectroscopy. Surface Science, 2021, 709, 121847.	1.9	0
3	Role of Initial and Final States in Molecular Spectroscopies: Example of Tetraphenyldibenzoperiflanthene (DBP) on Graphite. Journal of Physical Chemistry C, 2020, 124, 19622-19638.	3.1	9
4	Structural Characterization and Photoluminescence Properties of Monolayer Perylene on a Graphite Surface. Journal of Physical Chemistry C, 2020, 124, 12485-12491.	3.1	7
5	The role of initial and final states in molecular spectroscopies. Physical Chemistry Chemical Physics, 2019, 21, 12730-12747.	2.8	14
6	Formation and regulation of unoccupied hybridized band with image potential states at perylene/graphite interface. Journal of Chemical Physics, 2019, 151, 224703.	3.0	4
7	Hybridization of an unoccupied molecular orbital with an image potential state at a lead phthalocyanine/graphite interface. Journal of Physics Condensed Matter, 2019, 31, 044004.	1.8	3
8	Influence of molecular distortion on the exciton quenching for quaterthiophene-terminated self-assembled monolayers on Au(111). Surface Science, 2018, 669, 160-168.	1.9	2
9	Spectroscopic and microscopic investigations of organic ultrathin films: Correlation between geometrical structures and unoccupied electronic states. Progress in Surface Science, 2018, 93, 108-130.	8.3	16
10	Direct visualization of diffuse unoccupied molecular orbitals at a rubrene/graphite interface. Physical Chemistry Chemical Physics, 2018, 20, 17415-17422.	2.8	7
11	Metastable phase of lead phthalocyanine films on graphite: Correlation between geometrical and electronic structures. Physical Review B, 2017, 95, .	3.2	13
12	Electronic excitation and relaxation dynamics of the LUMO-derived level in rubrene thin films on graphite. Journal of Chemical Physics, 2016, 145, 214703.	3.0	10
13	Naphthaleneâ€™s Six Shades on Graphite: A Detailed Study on the Polymorphism of an Apparently Simple System. Journal of Physical Chemistry C, 2016, 120, 22972-22978.	3.1	16
14	Unoccupied electronic structure and molecular orientation of rubrene; from evaporated films to single crystals. Surface Science, 2016, 649, 7-13.	1.9	21
15	Optical observation of different conformational isomers in rubrene ultra-thin molecular films on epitaxial graphene. Thin Solid Films, 2016, 598, 271-275.	1.8	15
16	Microspot two-photon photoemission spectroscopy for CuPc film on HOPG. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 145-148.	1.7	9
17	Decay of the Exciton in Quaterthiophene-Terminated Alkanethiolate Self-Assembled Monolayers on Au(111). Journal of Physical Chemistry C, 2015, 119, 7400-7407.	3.1	19
18	The Complex Polymorphism and Thermodynamic Behavior of a Seemingly Simple System: Naphthalene on Cu(111). Langmuir, 2014, 30, 14163-14170.	3.5	24

#	Article	IF	Citations
19	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. Journal of Physical Chemistry C, 2014, 118, 1035-1041.	3.1	18
20	Diffuse Unoccupied Molecular Orbital of Rubrene Causing Image-Potential State Mediated Excitation. Journal of Physical Chemistry C, 2013, 117, 20098-20103.	3.1	19
21	Dispersive Electronic States of the Ï€-Orbitals Stacking in Single Molecular Lines on the Si(001)-(2Ã—1)-H Surface. Journal of Physical Chemistry Letters, 2013, 4, 1199-1204.	4.6	2
22	Dispersions of image potential states on surfaces of clean graphite and lead phthalocyanine film. Physical Chemistry Chemical Physics, 2012, 14, 9601.	2.8	20
23	Image Potential State Mediated Excitation at Rubrene/Graphite Interface. Journal of Physical Chemistry C, 2012, 116, 5821-5826.	3.1	17
24	Angle- and Time-Resolved Two-Photon Photoemission Spectroscopy for Unoccupied Levels of Lead Phthalocyanine Film. Journal of Physical Chemistry C, 2011, 115, 19269-19273.	3.1	17
25	Lateral inhomogeneity of unoccupied states for PbPc films. Surface Science, 2011, 605, 982-986.	1.9	19
26	Resonant effects on two-photon photoemission spectroscopy: Linewidths and intensities of occupied and unoccupied features for lead phthalocyanine films on graphite. Physical Review B, 2010, 81, .	3.2	31
27	Novel Growth of Naphthalene Overlayer on Cu(111) Studied by STM, LEED, and 2PPE. Journal of Physical Chemistry C, 2010, 114, 13334-13339.	3.1	34
28	Vibrationally resolved two-photon photoemission spectroscopy for lead phthalocyanine film on graphite. Physical Review B, 2009, 80, .	3.2	15
29	Imaging of electronic structure of lead phthalocyanine films studied by combined use of PEEM and Micro-UPS. Surface Science, 2008, 602, 2232-2237.	1.9	27
30	Resonant two-photon photoemission study of electronically excited states at the lead phthalocyanine/graphite interface. Physical Review B, 2008, 77, .	3.2	28
31	Photoemission microspectroscopy and imaging of bilayer islands formed in monolayer titanyl phthalocyanine films. Chemical Physics Letters, 2007, 449, 319-322.	2.6	14
32	Intermolecular and interlayer interactions in copper phthalocyanine films as measured with microspot photoemission spectroscopy. Applied Physics Letters, 2006, 89, 202116.	3.3	27
33	Time-Resolved Microbeam Photoemission Microspectroscopy. Hyomen Kagaku, 2005, 26, 729-733.	0.0	1
34	Photoemission microspectroscopy of occupied and unoccupied surface states of crystalline facets formed on polycrystalline copper. Physical Review B, 2003, 68, .	3.2	22
35	Time-resolved photoemission microspectroscopy based on fs-VUV laser light. Surface Science, 2002, 507-510, 434-440.	1.9	27
36	Observation of molecular reorientation on evaporated biphenyl film surface by penning ionization electron spectroscopy. Chemical Physics Letters, 1980, 74, 409-412.	2.6	27