

# Hiroaki Tachibana

## List of Publications by Citations

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#	Paper	IF	Citations
135	Unimolecular Electrical Rectification in Hexadecylquinolinium Tricyanoquinodimethanide. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 10455-10466	16.4	550
134	Ferroelectricity near room temperature in co-crystals of nonpolar organic molecules. <i>Nature Materials</i> , <b>2005</b> , 4, 163-6	27	298
133	Photochemical switching in conductive Langmuir-Blodgett films. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 3080-3081	16.4	133
132	Nonlinear optical spectroscopy on one-dimensional excitons in silicon polymer, polysilane. <i>Physical Review Letters</i> , <b>1992</b> , 69, 668-671	7.4	108
131	Formation of Langmuir-Blodgett films of a fullerene. <i>Langmuir</i> , <b>1992</b> , 8, 4-6	4	106
130	Reversible Light-Induced Morphological Change in Langmuir-Blodgett Films. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 1479-1484	16.4	105
129	Spectra of one-dimensional excitons in polysilanes with various backbone conformations. <i>Physical Review B</i> , <b>1993</b> , 47, 4363-4371	3.3	81
128	Experimental determination of excitonic structure in polythiophene. <i>Physical Review B</i> , <b>1997</b> , 56, 9552-9556	7.7	77
127	Langmuir-Blodgett Film of Amphiphilic C60 Carboxylic Acid. <i>Langmuir</i> , <b>1995</b> , 11, 660-665	4	76
126	Photo-induced structural changes of azobenzene Langmuir-Blodgett films. <i>Advances in Colloid and Interface Science</i> , <b>2000</b> , 87, 147-64	14.3	62
125	Exciton states of polysilanes as investigated by electro-absorption spectra. <i>Solid State Communications</i> , <b>1990</b> , 75, 5-9	1.6	62
124	Metallic Temperature Dependence in the Conductivity of Langmuir-Blodgett Films of TridecylmethylammoniumAu(dmit) <sub>2</sub> . <i>Chemistry Letters</i> , <b>1989</b> , 18, 367-368	1.7	59
123	Structure and Electrical Properties of the Metallic Langmuir-Blodgett Film without Secondary Treatments. <i>The Journal of Physical Chemistry</i> , <b>1994</b> , 98, 1882-1887		56
122	Fabrication of Hybrid Layered Films of MoS <sub>2</sub> and an Amphiphilic Ammonium Cation Using the Langmuir-Blodgett Technique. <i>Langmuir</i> , <b>1998</b> , 14, 6550-6555	4	50
121	Highly Conductive Inorganic/Organic Hybrid Langmuir-Blodgett Films Based on MoS <sub>2</sub> . <i>Chemistry of Materials</i> , <b>2000</b> , 12, 854-856	9.6	46
120	Resonant and Nonresonant Investigations of Amphiphilic Azobenzene Derivatives in Solution and in Monolayers at the Air/Water Interface. <i>The Journal of Physical Chemistry</i> , <b>1995</b> , 99, 9210-9220		45
119	Photoinduced Phase Transformation in Polythiophene. <i>Physical Review Letters</i> , <b>1999</b> , 82, 1672-1675	7.4	41

118	Excited states of one-dimensional excitons in polysilanes as investigated by two-photon spectroscopy. <i>Physical Review B</i> , <b>1991</b> , 43, 14746-14749	3-3	41
117	Photoinduced Self-Organization in Langmuir-Blodgett Films. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 702-704	3-4	39
116	Molecular cis-trans switching in amphiphilic monolayers containing azobenzene moieties. <i>Thin Solid Films</i> , <b>1994</b> , 242, 122-126	2-2	39
115	Conductive Langmuir-Blodgett films based on alkylammonium-metal(4,5-dimercapto-1,3-dithiol-2-dithiolene) <sub>2</sub> . <i>Thin Solid Films</i> , <b>1989</b> , 179, 183-189	2-2	39
114	Hysteretic Thermochromism of Regioregular Poly(3-alkylthiophene) Thin Films. <i>Macromolecules</i> , <b>2001</b> , 34, 1823-1827	5-5	37
113	Conductive Langmuir-Blodgett Films of Dialkyldimethylammonium-Ni(dmit) <sub>2</sub> Complexes. <i>Chemistry Letters</i> , <b>1988</b> , 17, 1667-1670	1-7	33
112	Photoresponsive conductivity in Langmuir-Blodgett films. <i>Thin Solid Films</i> , <b>1989</b> , 179, 207-213	2-2	32
111	Is Ashwell's zwitterion a molecular diode?. <i>Synthetic Metals</i> , <b>1997</b> , 85, 1359-1360	3-6	31
110	Crystal Structures, Polymerization, and Thermochromic Phase Changes in Urethane-Substituted Diacetylenes Crystals with Varying Alkyl Chain Lengths. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 155-158	9-6	31
109	Unconstrained Cis-Trans Isomerization of Azobenzene Moieties in Designed Mixed Monolayers at the Air/Water Interface. <i>The Journal of Physical Chemistry</i> , <b>1995</b> , 99, 9221-9229		31
108	Light-Induced J-Aggregation of Merocyanine in Langmuir and Langmuir-Blodgett Films. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 11487-11491	3-4	30
107	Structures and photoisomerization of the polyion complex Langmuir-Blodgett films of an amphiphile bearing two azobenzene units. <i>Thin Solid Films</i> , <b>1996</b> , 284-285, 73-75	2-2	30
106	New Types of Photochemical Switching Phenomena in Langmuir-Blodgett Films.. <i>Chemistry Letters</i> , <b>1992</b> , 173-176	1-7	28
105	Effect of Position of Butadiyne Moiety in Amphiphilic Diacetylenes on the Polymerization in the Langmuir-Blodgett Films. <i>Macromolecules</i> , <b>1999</b> , 32, 8306-8309	5-5	26
104	Nature of one-dimensional excitons in polysilanes. <i>Physical Review B</i> , <b>1996</b> , 54, 11365-11374	3-3	26
103	Electric-field-induced second-harmonic generation mediated by one-dimensional excitons in polysilanes. <i>Physical Review B</i> , <b>1994</b> , 50, 7786-7792	3-3	26
102	J-aggregate formation of amphiphilic merocyanine in Langmuir-Blodgett films. <i>Journal of Luminescence</i> , <b>2000</b> , 87-89, 800-802	3-8	25
101	New Dry Surface-Imaging Process for X-Ray Lithography. <i>Japanese Journal of Applied Physics</i> , <b>1994</b> , 33, 1577-1582	1-4	24

100	Surface and photochemical properties of Langmuir monolayer and Langmuir-Blodgett films of a spiropyran derivative. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 938-942		23
99	Investigation of Photosensitive Langmuir-Blodgett Monolayers by in Situ Atomic Force Microscopy and Absorption Spectroscopy. <i>Langmuir</i> , <b>1998</b> , 14, 7511-7518	4	23
98	Optical Spectra of Silicon Oligomers. <i>Journal of the Physical Society of Japan</i> , <b>1996</b> , 65, 1578-1581	1.5	23
97	Multiple photochemical switching device based on Langmuir-Blodgett films. <i>Applied Physics Letters</i> , <b>1992</b> , 61, 2420-2421	3.4	23
96	Liquid Crystalline Behavior of $\beta$ -Substituted Oligothiophenes. <i>Chemistry Letters</i> , <b>2001</b> , 30, 1022-1023	1.7	22
95	Visible luminescence from branched silicon polymers. <i>Journal of Applied Physics</i> , <b>1995</b> , 78, 3362-3366	2.5	22
94	Switching and Memory Phenomena of Cu <sup>II</sup> /CNQ Thin Films Triggered by a Stimulus with an STM Tip. <i>Chemistry Letters</i> , <b>1991</b> , 20, 1021-1024	1.7	20
93	Two-photon resonant third-harmonic generation in polysilanes. <i>Physical Review B</i> , <b>1992</b> , 45, 6317-6320	3.3	20
92	In Situ AFM Study on the Morphological Change of the Langmuir-Blodgett Film of Cadmium 10,12-Pentacosadiynoate during Polymerization. <i>Langmuir</i> , <b>2000</b> , 16, 2975-2977	4	19
91	Observation of unimolecular electrical rectification in hexadecylquinolinium tricyanoquinodimethanide. <i>Thin Solid Films</i> , <b>1998</b> , 327-329, 326-330	2.2	17
90	Light-induced J-aggregation in mixed Langmuir-Blodgett films of selenium-containing cyanine and azobenzene. <i>Thin Solid Films</i> , <b>1998</b> , 327-329, 813-815	2.2	17
89	Highly Oriented Langmuir-Blodgett Films of Helical Polysilanes and Their Optical Properties. <i>Langmuir</i> , <b>2001</b> , 17, 437-440	4	16
88	Finite chain-length effect on nonlinear optical response in polysilane as investigated by electroabsorption spectroscopy. <i>Physical Review B</i> , <b>1996</b> , 54, R14254-R14256	3.3	16
87	Molecular recognition by amphiphilic cyclodextrins in Langmuir-Blodgett films. <i>Thin Solid Films</i> , <b>1992</b> , 210-211, 803-805	2.2	16
86	Preparation and characterization of highly oriented films of poly(di-n-hexylsilane). <i>Macromolecules</i> , <b>1993</b> , 26, 2520-2523	5.5	15
85	Recognition properties of amphiphilic cyclodextrin monolayers at the air-water interface. <i>Thin Solid Films</i> , <b>1994</b> , 244, 832-835	2.2	15
84	Quasi One-Dimensional Spin System in Langmuir-Blodgett Films of a Charge-Transfer Complex. <i>Journal of the Physical Society of Japan</i> , <b>1992</b> , 61, 3752-3765	1.5	15
83	Component Exchange in Phase-Separated LB Films of a Long-Chain Silane-Coupling Agent Mixed with Conventional Amphiphiles. <i>Molecular Crystals and Liquid Crystals</i> , <b>1997</b> , 294, 31-34		14

82	Optical spectra of Si/Ge-network copolymers: $[\text{Si}(\text{C}_6\text{H}_{13})]_{1-x}[\text{Ge}(\text{C}_6\text{H}_{13})]_x$ . <i>Applied Physics Letters</i> , <b>1994</b> , 65, 1358-1360	3.4	14
81	Anisotropy in the electronic structure of polysilanes investigated by synchrotron-radiation spectroscopy. <i>Physical Review B</i> , <b>1991</b> , 44, 5487-5491	3.3	14
80	Functionalized langmuir-blodgett films toward the construction of molecular devices. <i>Advanced Materials</i> , <b>1993</b> , 5, 796-803	2.4	14
79	Temperature Effect on Photochromic Reaction in Langmuir-Blodgett Films of Amphiphilic Spiropyran and Their Morphological Changes. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 10282-10286	3.4	13
78	Electronic structure of poly(dihexylgermane): A comparison with poly(dihexylsilane). <i>Physical Review B</i> , <b>1992</b> , 45, 8752-8755	3.3	13
77	Self-Developing Characteristics of Si Containing Polymers and Their Application to X-Ray Lithography. <i>Journal of the Electrochemical Society</i> , <b>1996</b> , 143, 657-665	3.9	12
76	Electron spin resonance study of Langmuir-Blodgett films of the complexes of alkylammonium and metal(dmit) <sub>2</sub> anion. <i>Thin Solid Films</i> , <b>1989</b> , 179, 245-250	2.2	12
75	Control of photochemical switching phenomena by chemical modification. <i>Thin Solid Films</i> , <b>1992</b> , 210-211, 293-295	2.2	11
74	Phase transition of conductive Langmuir-Blodgett films by heat treatment. <i>Thin Solid Films</i> , <b>1989</b> , 179, 239-243	2.2	11
73	Structure and physical properties of Langmuir-Blodgett films of C <sub>60</sub> with amphiphilic matrix molecules. <i>Synthetic Metals</i> , <b>1993</b> , 56, 3131-3136	3.6	10
72	Photoluminescence from pendant dye molecules mediated by exciton transport on helical polysilane chains. <i>Applied Physics Letters</i> , <b>2000</b> , 77, 2443-2445	3.4	9
71	Control of the structures and functions of Langmuir-Blodgett films using supramolecular architecture. <i>Materials Science and Engineering C</i> , <b>1997</b> , 4, 255-261	8.3	8
70	Photo-induced Orientational Change in Langmuir-Blodgett Films of Azobenzene Complexed with Polyviologen. <i>Chemistry Letters</i> , <b>2000</b> , 29, 240-241	1.7	8
69	Light-Induced Structural Change of Langmuir-Blodgett Films. <i>Molecular Crystals and Liquid Crystals</i> , <b>1998</b> , 316, 113-118		8
68	Nonlinear optical spectroscopy on polysilanes: Dependence of exciton states on polymer backbone conformations. <i>Synthetic Metals</i> , <b>1995</b> , 71, 1679-1680	3.6	8
67	Crystal structure and optical properties of polymorphic octasilacubane. <i>Applied Physics Letters</i> , <b>1994</b> , 64, 2509-2510	3.4	8
66	Random-exchange Heisenberg AF chains in Langmuir-Blodgett films of amphiphilic charge-transfer complexes. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1990</b> , 90-91, 239-240	2.8	8
65	Electronic transport properties of conductive Langmuir-Blodgett films of tridecylmethylammonium-Au(dmit) <sub>2</sub> . <i>Synthetic Metals</i> , <b>1991</b> , 42, 1487-1490	3.6	8

64	Structural changes of polyion complex Langmuir-Blodgett films accompanied by polymerization of amphiphilic diacetylene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2002</b> , 198-200, 83-88	5.1	7
63	J-aggregate Formation in Single-Layer Amphiphilic Spiropyran Langmuir-Blodgett Films. <i>Chemistry Letters</i> , <b>2000</b> , 29, 1182-1183	1.7	7
62	Electrical conductivity of hybrid langmuir-blodgett films of transition metal dichalcogenide and amphiphilic cations. <i>Synthetic Metals</i> , <b>1999</b> , 102, 1485-1486	3.6	7
61	Conductivity Switching of Langmuir-Blodgett Films Using Photoisomerization of Phenylazonaphthalene. <i>Molecular Crystals and Liquid Crystals</i> , <b>1995</b> , 267, 341-346		7
60	Bis(2-methyl-4-nitroanilinium) Tetrachlorocadmate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 588-591		7
59	First in situ monolayer conductivity measurements on water: bis(ethylenedioxy)tetrathiafulvalene and 2-decyl-7,7,8,8-tetracyanoquinodimethane systems. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 573		7
58	The structure and physical properties of N-docosylpyridinium-bistetracyanoquinodimethane Langmuir-Blodgett films. <i>Thin Solid Films</i> , <b>1989</b> , 178, 413-419	2.2	7
57	Monolayers and Langmuir-Blodgett films of amphiphilic dyes with mesogenic unit in the hydrophobic part: surface chemical and optical characterization. <i>The Journal of Physical Chemistry</i> , <b>1989</b> , 93, 5877-5882		7
56	Control of In-Plane Orientation of Merocyanine Dye in Mixed Langmuir-Blodgett Films Using Salt Formation with Matrix. <i>Japanese Journal of Applied Physics</i> , <b>2000</b> , 39, L884-L886	1.4	6
55	Effect of Heat Treatment on Langmuir-Blodgett Films of a C60 Adduct. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 42-45	3.4	6
54	Optical properties of polysilanes and related materials. <i>Synthetic Metals</i> , <b>1995</b> , 71, 2005-2008	3.6	6
53	Morphology and polymerization behavior of amphiphilic diacetylene complexed with polyallylamine in Langmuir-Blodgett films. <i>Thin Solid Films</i> , <b>2001</b> , 382, 257-262	2.2	5
52	Conductivity of floating monolayers based on BEDO-TTF charge transfer complex at the air-water interface. <i>Thin Solid Films</i> , <b>1996</b> , 284-285, 508-511	2.2	5
51	Langmuir Layers and Langmuir-Blodgett Films of Bis-tetrathiafulvalene Annelated Macrocycle. <i>Bulletin of the Chemical Society of Japan</i> , <b>2005</b> , 78, 247-254	5.1	4
50	Hybrid Langmuir-Blodgett films of APT and cyanine with binary output modes. <i>Thin Solid Films</i> , <b>2000</b> , 372, 237-239	2.2	4
49	J-Aggregate Formation and Morphological Change on UV Irradiation of the Langmuir-Blodgett Films of Spiropyran. <i>Molecular Crystals and Liquid Crystals</i> , <b>2000</b> , 345, 149-154		4
48	Utilization and Modification of Perovskite-Type Layered Structures as Inorganic-Organic Hybrid Materials. <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 276, 237-243		4
47	ESR Study on Langmuir-Blodgett Films of Azobenzene-Containing Alkylpyridinium-Tetracyanoquinodimethane 1:2 Complexes. <i>Journal of the Physical Society of Japan</i> , <b>1996</b> , 65, 237-245	1.5	4

46	Ablation of Si-containing Polymers: Application to X-ray Lithography.. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], <b>1994</b> , 7, 607-614	0.7	4
45	Electro-absorption spectroscopy of electronic structures in polysilanes. <i>Synthetic Metals</i> , <b>1991</b> , 41, 1385-1388	3.6	4
44	Charge-transfer interactions and non-linear optical properties of tetrathiafulvalene-based Langmuir-Blodgett films. <i>Thin Solid Films</i> , <b>1998</b> , 327-329, 348-352	2.2	3
43	Response to Comment on Crystal structures and optical properties of polymorphic octasilacubane [Appl. Phys. Lett. 66, 1291 (1995)]. <i>Applied Physics Letters</i> , <b>1995</b> , 66, 1292-1292	3.4	3
42	Negative Tone Dry Development of Si-Containing Resists by Laser Ablation. <i>Japanese Journal of Applied Physics</i> , <b>1995</b> , 34, 6800-6804	1.4	3
41	ESR analysis of columnar structure in conductive LB films of TCNO salts with alkylpyridinium and its derivatives. <i>Synthetic Metals</i> , <b>1993</b> , 56, 1899-1904	3.6	3
40	One-dimensional columnar structure in conductive Langmuir-Blodgett films of long-chain pyridinium-(TCNQ) <sub>2</sub> salts studied by electron spin resonance. <i>Thin Solid Films</i> , <b>1994</b> , 242, 11-15	2.2	3
39	Resonance enhancement effect in non-linear optical susceptibility of polysilanes. <i>Synthetic Metals</i> , <b>1992</b> , 50, 415-421	3.6	3
38	Nonlinear Optical Properties of Polysilanes. <i>Molecular Crystals and Liquid Crystals</i> , <b>1992</b> , 217, 25-30		3
37	Molecular orientation in conductive Langmuir-Blodgett films of a charge-transfer complex. <i>Thin Solid Films</i> , <b>1992</b> , 210-211, 303-305	2.2	3
36	Conductive Langmuir-Blodgett Film Containing Mesogenic Unit. Phase Transition Accompanied with the Change in Conductivity. <i>Chemistry Letters</i> , <b>1989</b> , 18, 841-844	1.7	3
35	Effect of Hydrophobic Group on the Structure of Langmuir-Blodgett Films of Amphiphilic Cyanine and Squarylium Dyes. <i>Chemistry Letters</i> , <b>1988</b> , 17, 1085-1088	1.7	3
34	Effects of solvent vapor annealing on organic photovoltaics with a new type of solution-processable oligothiophene-based electronic donor material. <i>Japanese Journal of Applied Physics</i> , <b>2018</b> , 57, 08RE09	1.4	3
33	Liquid exfoliation of ethyl-terminated layered germanane. <i>Japanese Journal of Applied Physics</i> , <b>2019</b> , 58, S11B21	1.4	2
32	Optical Properties of Siloxene Films Prepared by High-Temperature Heat Treatment from Thin Films of Polysilane Containing Anthryl Groups. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 04DK18	1.4	2
31	Semiconducting Langmuir-Blodgett films of bispyrroloTTF. <i>Synthetic Metals</i> , <b>1997</b> , 84, 429-430	3.6	2
30	Langmuir-Blodgett films of molecular conductors based on alkylTCNQ derivatives. <i>Synthetic Metals</i> , <b>1997</b> , 86, 1843-1844	3.6	2
29	Structural and morphological changes and polymerization behaviors of diacetylene Langmuir-Blodgett films on adding water-soluble polyallylamine in the subphase. <i>Polymer</i> , <b>2001</b> , 42, 1995-2000	3.9	2

28	Self-Organization and Photochromic Reaction in the Langmuir-Blodgett Films of Amphiphilic Azobenzene Complexed with Polyallylamine. <i>Molecular Crystals and Liquid Crystals</i> , <b>2000</b> , 345, 119-124		2
27	Salt Formation in the Langmuir-Blodgett Films of Arachidic Acid Mixed with Amphiphilic Ammonium Ions and an Amphiphilic Amine. <i>Chemistry Letters</i> , <b>1999</b> , 28, 505-506	1.7	2
26	Electroabsorption of Amphiphilic Tetrathiafulvalene Derivatives / 7,7,8,8-Tetracyano-2,3,5,6-tetrafluoroquinodimethane Systems in Langmuir-Blodgett Films. <i>Chemistry Letters</i> , <b>1996</b> , 25, 189-190	1.7	2
25	Conducting Monolayers and Langmuir-Blodgett Films Based on BEDO-TTF and Decyl-TCNQ Complex. <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 284, 235-246		2
24	Monolayers and Langmuir-Blodgett films of amphiphilic cyanine dye with a mesogenic unit in the hydrophobic part: Effect of matrix molecules. <i>Thin Solid Films</i> , <b>1989</b> , 178, 367-372	2.2	2
23	Highly concentrated dispersion of methyl-terminated germanane by liquid exfoliation. <i>Japanese Journal of Applied Physics</i> , <b>2019</b> , 58, 105002	1.4	1
22	Fabrication of graphite by pulsed light irradiation of network silicon bearing anthryl groups. <i>Thin Solid Films</i> , <b>2019</b> , 686, 137422	2.2	1
21	Electroabsorption of cetylthiotetrathiafulvalene / fluoro-containing 7,7,8,8-tetracyanoquinodimethane systems in Langmuir-Blodgett films. <i>Synthetic Metals</i> , <b>1997</b> , 86, 1819-1820	3.6	1
20	Electrical conduction in monolayers and LB films of BEDOTTF-C10TCNQ/arachidic acid mixed system. <i>Thin Solid Films</i> , <b>1998</b> , 327-329, 450-453	2.2	1
19	Temperature-dependent behavior of Langmuir monolayers of an amphiphilic spiropyran. <i>Thin Solid Films</i> , <b>2003</b> , 440, 94-99	2.2	1
18	Structure of the Langmuir-Blodgett Films of Arachidic Acid Mixed with Amphiphilic Ammonium Ions and an Amphiphilic Amine. <i>Molecular Crystals and Liquid Crystals</i> , <b>2001</b> , 370, 261-264		1
17	Conformation Dependence of Electronic Structures in Polysilanes. <i>Molecular Crystals and Liquid Crystals</i> , <b>1992</b> , 217, 65-70		1
16	Molecular Systems of Photoactive and Conductive LB Films. <i>Molecular Crystals and Liquid Crystals</i> , <b>1992</b> , 218, 147-152		1
15	Optical Properties of Siloxene Films Prepared by High-Temperature Heat Treatment from Thin Films of Polysilane Containing Anthryl Groups. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 04DK18	1.4	1
14	Photovoltaic Properties of Solar Cells Based on Poly(methyl phenyl silane) and C60. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 10NE31	1.4	1
13	Thin-film transistors of rhodanine end-capped oligothiophene. <i>Japanese Journal of Applied Physics</i> , <b>2019</b> , 58, SBBG09	1.4	0
12	Photo-induced phase transition in thin films of poly(3-eicosyl)thiophene. <i>Synthetic Metals</i> , <b>1999</b> , 101, 212-213	3.6	0
11	Spectral Changes in Thin Films of Cyclicsilanes and Polysilanes by Heat Treatment. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 417, 012041	0.3	



- 10 Quasi-one dimensional Hubbard system in Langmuir-Blodgett films of TCNQ complexes. *Synthetic Metals*, **1997**, 86, 2081-2082 3.6
- 9 Effect of Heat Treatment on Morphology and Polymerization of Langmuir-Blodgett Films of Amphiphilic Diacetylene Complexed with Polyallylamine. *Molecular Crystals and Liquid Crystals*, **2000**, 349, 211-214
- 8 Highly Electrical Conductivity of Hybrid Langmuir-Blodgett Films of Transition Metal Dichalcogenide and Amphiphilic Compounds. *Molecular Crystals and Liquid Crystals*, **2000**, 341, 137-142
- 7 Electrical and Nonlinear Optical Properties of Langmuir-Blodgett Films of Charge Transfer Complexes. *Molecular Crystals and Liquid Crystals*, **1999**, 327, 83-86
- 6 Changes in the ESR of the TCNQ columns caused by the photoisomerization of the azobenzene group in the APT LB films. *Thin Solid Films*, **1996**, 284-285, 505-507 2.2
- 5 Development of Novel Conductive Langmuir-Blodgett Films: Metallic Properties and Photochemical Switching Phenomena. *NATO ASI Series Series B: Physics*, **1990**, 519-525
- 4 Control of Electrical and Optical Properties of Langmuir-Blodgett Films Using Photoisomerization of Azobenzene. *Springer Proceedings in Physics*, **1996**, 112-122 0.2
- 3 Hole transport dithiophene-benzene copolymer for electroluminescence devices. *Japanese Journal of Applied Physics*, **2020**, 59, SCCA01 1.4
- 2 Influence of p-type doping on perovskite solar cells fabricated with dithiophene-benzene copolymer as the hole-transporting layer. *Japanese Journal of Applied Physics*, **2020**, 59, SGGF08 1.4
- 1 Physical Properties in Thin Films of a Thienoimide End-capped Compound. *Molecular Crystals and Liquid Crystals*, **2019**, 688, 82-88 0.5