

Reiko Azumi

List of Publications by Year in descending order

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162
papers

4,903
citations

76326

40
h-index

110387

64
g-index

164
all docs

164
docs citations

164
times ranked

5262
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-induced crawling of crystals on a glass surface. <i>Nature Communications</i> , 2015, 6, 7310.	12.8	205
2	Model Chemistry Calculations of Thiophene Dimer Interactions: Origin of π -Stacking. <i>Journal of the American Chemical Society</i> , 2002, 124, 12200-12209.	13.7	199
3	Langmuir-Blodgett Films of Single-Wall Carbon Nanotubes: Layer-by-layer Deposition and In-plane Orientation of Tubes. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 7629-7634.	1.5	152
4	Coincidence of the Molecular Organization of β^2 -Substituted Oligothiophenes in Two-Dimensional Layers and Three-Dimensional Crystals. <i>Chemistry - A European Journal</i> , 2000, 6, 735-744.	3.3	137
5	Crystal Structures of Thiophene/Phenylene Co-Oligomers with Different Molecular Shapes. <i>Chemistry of Materials</i> , 2004, 16, 237-241.	6.7	131
6	Carbon nanotube based transparent conductive films: progress, challenges, and perspectives. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 493-516.	6.1	125
7	Reversible Light-Induced Morphological Change in Langmuir-Blodgett Films. <i>Journal of the American Chemical Society</i> , 1998, 120, 1479-1484.	13.7	121
8	Photochemically Reversible Liquefaction and Solidification of Multiazobenzene Sugar-Alcohol Derivatives and Application to Reworkable Adhesives. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7933-7941.	8.0	121
9	Ambipolar organic field-effect transistors based on a low band gap semiconductor with balanced hole and electron mobilities. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	120
10	Photoinduced Crystal-to-Liquid Phase Transitions of Azobenzene Derivatives and Their Application in Photolithography Processes through a Solid-Liquid Patterning. <i>Organic Letters</i> , 2014, 16, 5012-5015.	4.6	115
11	Formation of Langmuir-Blodgett films of a fullerene. <i>Langmuir</i> , 1992, 8, 4-6.	3.5	114
12	Simple push coating of polymer thin-film transistors. <i>Nature Communications</i> , 2012, 3, 1176.	12.8	111
13	Light-induced mechanical response in crosslinked liquid-crystalline polymers with photoswitchable glass transition temperatures. <i>Nature Communications</i> , 2018, 9, 3234.	12.8	105
14	Crystal Melting by Light: X-ray Crystal Structure Analysis of an Azo Crystal Showing Photoinduced Crystal-Melt Transition. <i>Journal of the American Chemical Society</i> , 2014, 136, 9158-9164.	13.7	104
15	Langmuir-Blodgett Film of Amphiphilic C60 Carboxylic Acid. <i>Langmuir</i> , 1995, 11, 660-665.	3.5	89
16	Synthesis and characterization of structurally defined head-to-tail coupled oligo(3-alkylthiophenes). <i>New Journal of Chemistry</i> , 1999, 23, 241-250.	2.8	89
17	Epitaxial Adsorption of Monodendron-Jacketed Linear Polymers on Highly Oriented Pyrolytic Graphite. <i>Langmuir</i> , 2000, 16, 6862-6867.	3.5	70
18	Orientation change of porphyrin in Langmuir-Blodgett films caused by a trigger molecule. <i>The Journal of Physical Chemistry</i> , 1993, 97, 12862-12869.	2.9	69

#	ARTICLE	IF	CITATIONS
19	High-Performance n-Type Organic Thin-Film Transistors Based on Solution-Processable Perfluoroalkyl-Substituted C ₆₀ Derivatives. <i>Chemistry of Materials</i> , 2008, 20, 7365-7367.	6.7	69
20	Correlation of the Number of Thiophene Units with Structural Order and Carrier Mobility in Unsubstituted Even- and Odd-Numbered $\hat{\pm}$ -Oligothiophene Films. <i>Journal of Physical Chemistry B</i> , 2005, 109, 9374-9378.	2.6	68
21	Doping effect of solution-processed thin-film transistors based on polyfluorene. <i>Journal of Materials Chemistry</i> , 2007, 17, 1416.	6.7	65
22	Highly efficient polarized polymer light-emitting diodes utilizing oriented films of \hat{I}^2 -phase poly(9,9-dioctylfluorene). <i>Applied Physics Letters</i> , 2008, 93, .	3.3	65
23	Control of the Orientation and Photoinduced Phase Transitions of Macrocyclic Azobenzene. <i>Chemistry - A European Journal</i> , 2013, 19, 17391-17397.	3.3	65
24	Improved sublimation growth of single crystals of thiophene/phenylene co-oligomers. <i>Thin Solid Films</i> , 2008, 516, 2527-2531.	1.8	64
25	Stable Delocalized Singlet Biradical Hydrocarbon for Organic Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2016, 26, 277-283.	14.9	57
26	Structure and Electrical Properties of the Metallic Langmuir-Blodgett Film without Secondary Treatments. <i>The Journal of Physical Chemistry</i> , 1994, 98, 1882-1887.	2.9	56
27	Fabrication of Hybrid Layered Films of MoS ₂ and an Amphiphilic Ammonium Cation Using the Langmuir-Blodgett Technique. <i>Langmuir</i> , 1998, 14, 6550-6555.	3.5	56
28	Conformation and Packing of Odd-Numbered $\hat{\pm}$ -Oligothiophenes in Single Crystals. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1561-1567.	3.2	55
29	Organic Field Effect Transistors Based on Biphenyl, Fluorene End-Capped Fused Bithiophene Oligomers. <i>Chemistry of Materials</i> , 2005, 17, 3861-3870.	6.7	51
30	Thermal Behavior of $\hat{\pm}$ -Alkylated Oligothiophenes. <i>Synthetic Metals</i> , 1999, 101, 544-545.	3.9	50
31	Structure of Phase-Separated Langmuir-Blodgett Films of Hydrogenated and Perfluorinated Carboxylic Acids Investigated by IR Spectroscopy, AFM, and FFM. <i>Langmuir</i> , 2003, 19, 2802-2807.	3.5	48
32	The longest oligothiophene ever examined by X-ray structure analysis. <i>Journal of Materials Chemistry</i> , 2006, 16, 728-735.	6.7	48
33	Self-Assembly of Alkylsubstituted Oligothiophenes. <i>Synthetic Metals</i> , 1999, 101, 569-572.	3.9	47
34	A Slab-Optical-Waveguide Absorption Spectroscopy of Langmuir-Blodgett Films with a White Light Excitation Source. <i>Chemistry Letters</i> , 1995, 24, 437-438.	1.3	45
35	A highly durable, stretchable, transparent and conductive carbon nanotube-polymeric acid hybrid film. <i>Nanoscale</i> , 2019, 11, 3804-3813.	5.6	43
36	Direct hydroxylation at the meso position of gold(III) tetraphenylporphyrin by nucleophilic addition: novel hydroxyphlorin derivatives. <i>Journal of the American Chemical Society</i> , 1992, 114, 7564-7565.	13.7	42

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37	Control of Two-Dimensional Nanopatterns by Adjusting Intermolecular Interactions. <i>Advanced Materials</i> , 2007, 19, 3668-3671.	21.0	42
38	Anisotropic Refractive Indices of Organic Crystals of Thiophene/Phenylene Co-Oligomers Determined by Microspectroscopic Measurements. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 7478.	1.5	41
39	Orientation Change of Dimer-Type Porphyrin in Langmuir-Blodgett Films Caused by a Trigger Molecule. <i>Langmuir</i> , 1995, 11, 4056-4060.	3.5	40
40	Multidisciplinary Physicochemical Analysis of Oligothiophenes End-Capped by Nitriles: UV-Vis , Near-IR, IR, and Raman Spectroscopies and Quantum Chemistry. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10115-10125.	2.6	40
41	Organic Memory Device Based on Carbazole-Substituted Cellulose. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1479-1484.	3.9	40
42	Monolayers assembled from a glycolipid biosurfactant from <i>Pseudozyma (Candida) antarctica</i> serve as a high-affinity ligand system for immunoglobulin G and M. <i>Biotechnology Letters</i> , 2007, 29, 865-870.	2.2	39
43	Investigation of self-assembled monolayer treatment on SiO_2 gate insulator of poly(3-hexylthiophene) thin-film transistors. <i>Thin Solid Films</i> , 2009, 518, 642-646.	1.8	37
44	A new method for controlling the orientation of functional molecules in Langmuir-Blodgett films. <i>Journal of the American Chemical Society</i> , 1992, 114, 10662-10663.	13.7	35
45	Crystal Structure of Friction-Transferred Poly(2,5-dioctyloxy-1,4-phenylenevinylene). <i>Journal of Physical Chemistry B</i> , 2007, 111, 4349-4354.	2.6	34
46	"Click" modification of a functionalized poly(3,4-ethylenedioxythiophene) (PEDOT) soluble in organic solvents. <i>Chemical Communications</i> , 2012, 48, 2677.	4.1	34
47	New Types of Photochemical Switching Phenomena in Langmuir-Blodgett Films. <i>Chemistry Letters</i> , 1992, , 173-176.	1.3	32
48	Light-Induced J-Aggregation of Merocyanine in Langmuir and Langmuir-Blodgett Films. <i>Journal of Physical Chemistry B</i> , 2002, 106, 11487-11491.	2.6	32
49	Very thin photoalignment films for liquid crystalline conjugated polymers: Application to polarized light-emitting diodes. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	32
50	Structures and photoisomerization of the polyion complex Langmuir-Blodgett films of an amphiphile bearing two azobenzene units. <i>Thin Solid Films</i> , 1996, 284-285, 73-75.	1.8	31
51	Multiple photochemical switching device based on Langmuir-Blodgett films. <i>Applied Physics Letters</i> , 1992, 61, 2420-2421.	3.3	30
52	Template-Directed Patterning Using Phase-Separated Langmuir-Blodgett Films. <i>Langmuir</i> , 2004, 20, 8728-8734.	3.5	29
53	Anisotropic field-effect hole mobility of liquid crystalline conjugated polymer layers formed on photoaligned polyimide films. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	29
54	Structure and Electrical Properties of Unsubstituted Oligothiophenes End-Capped at the β -Position. <i>Chemistry of Materials</i> , 2007, 19, 2694-2701.	6.7	28

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55	Phase-Separated Structures of Mixed Langmuir-Blodgett Films of Fatty Acid and Hybrid Carboxylic Acid. <i>Journal of Physical Chemistry B</i> , 2008, 112, 15313-15319.	2.6	28
56	Orientation Control of Functional Molecules in Langmuir-Blodgett Films Caused by a Trigger Molecule: Infrared Spectroscopic Study on the Orientation of n-Alkane, Trigger Molecule. <i>Langmuir</i> , 1995, 11, 4495-4498.	3.5	27
57	Micro- and Nanopatterned Copper Structures Using Directed Self-Assembly on Templates Fabricated from Phase-Separated Mixed Langmuir-Blodgett Films. <i>Langmuir</i> , 2008, 24, 8735-8741.	3.5	26
58	Architecting Layered Crystalline Organic Semiconductors Based on Unsymmetric π -Extended Thienoacenes. <i>Chemistry of Materials</i> , 2021, 33, 7379-7385.	6.7	26
59	Homogeneous and structurally controlled thin films of single-wall carbon nanotubes by the Langmuir-Blodgett technique. <i>Synthetic Metals</i> , 2003, 135-136, 747-748.	3.9	25
60	Keto defect sites in fluorene-based organic field-effect transistors: The origin of rapid degradation on the performance of the device. <i>Journal of Applied Physics</i> , 2005, 97, 104504.	2.5	25
61	Liquid Crystalline Behavior of π -Substituted Oligothiophenes. <i>Chemistry Letters</i> , 2001, 30, 1022-1023.	1.3	24
62	Industrially Feasible Approach to Transparent, Flexible, and Conductive Carbon Nanotube Films: Cellulose-Assisted Film Deposition Followed by Solution and Photonic Processing. <i>Applied Physics Express</i> , 2013, 6, 025101.	2.4	24
63	Building interconnects in carbon nanotube networks with metal halides for transparent electrodes. <i>Carbon</i> , 2015, 87, 61-69.	10.3	24
64	Thermal Hysteresis in the Photoresponsivity of a Langmuir Film of Amphiphilic Spiropyran. <i>Journal of the American Chemical Society</i> , 2004, 126, 1006-1007.	13.7	23
65	High-Performance Poly(3-hexylthiophene) Field-Effect Transistors Fabricated by a Slide-Coating Method. <i>Applied Physics Express</i> , 0, 1, 061802.	2.4	23
66	Conductivity of tridecylmethylammonium-Au(dmit) ₂ Langmuir-Blodgett films under hydrostatic pressure. <i>Physical Review B</i> , 1995, 51, 1809-1816.	3.2	22
67	Directed self-assembly of gold nanoparticles and gold thin films on micro- and nanopatterned templates fabricated from mixed phase-separated Langmuir-Blodgett films. <i>Journal of Materials Chemistry</i> , 2009, 19, 6796.	6.7	22
68	Peculiar Crystal Structure of a Thiophene/Phenylene Co-oligomer of 2,5-Bis(4-methoxyphenyl-4-yl)thiophene. <i>Chemistry Letters</i> , 2007, 36, 270-271.	1.3	21
69	Patterning of J-aggregated dyes using directed self-assembly on micro- and nanopatterned templates fabricated from phase-separated mixed Langmuir-Blodgett films. <i>Journal of Colloid and Interface Science</i> , 2010, 343, 324-329.	9.4	21
70	Brewster Angle Microscopic Observations of the Langmuir Films of Amphiphilic Spiropyran during Compression and under UV Illumination. <i>Langmuir</i> , 2004, 20, 5439-5444.	3.5	20
71	Langmuir-blodgett films of charge transfer complexes of bisethylenedioxytetrathiafulvalene-alkyltetracyanoquinodimethane. <i>Synthetic Metals</i> , 1993, 57, 3853-3858.	3.9	19
72	Light-induced J-aggregation in mixed Langmuir-Blodgett films of selenium-containing cyanine and azobenzene. <i>Thin Solid Films</i> , 1998, 327-329, 813-815.	1.8	18

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73	Influence of Solvents in Micropatterning of Semiconductors by Microcontact Printing and Application to Thin-Film Transistor Devices. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 1115-1118.	1.5	18
74	Solution-processable Oligothiophene Derivatives with Branched Alkyl Chains and Their Thin-film Transistor Characteristics. <i>Chemistry Letters</i> , 2010, 39, 60-61.	1.3	18
75	Photochemical Liquid-Solid Transitions in Multi-dye Compounds. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 604, 64-70.	0.9	18
76	Crystal Structures and Fluorescence Spectroscopic Properties of Cyano-Substituted Diphenylhexatrienes. <i>Crystal Growth and Design</i> , 2014, 14, 4781-4789.	3.0	18
77	Optical pumped lasing in solution processed perovskite semiconducting materials: Self-assembled microdisk lasing. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 04ES02.	1.5	18
78	A continuous-flow resonator-type microwave reactor for high-efficiency organic synthesis and Claisen rearrangement as a model reaction. <i>Journal of Flow Chemistry</i> , 2018, 8, 147-156.	1.9	18
79	Architecting layered molecular packing in substituted benzobisbenzothiophene (BBBT) semiconductor crystals. <i>CrystEngComm</i> , 2020, 22, 3618-3626.	2.6	18
80	Correlation of molecular structure, packing motif and thin-film transistor characteristics of solution-processed n-type organic semiconductors based on dodecyl-substituted C60 derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 245-249.	3.9	17
81	Emission behavior of trifluoromethyl bis-styrylbenzene derivative. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 022101.	1.5	17
82	Molecular recognition by amphiphilic cyclodextrins in Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1992, 210-211, 803-805.	1.8	16
83	Recognition properties of amphiphilic cyclodextrin monolayers at the air-water interface. <i>Thin Solid Films</i> , 1994, 244, 832-835.	1.8	16
84	ESR study of the LB films containing metallic domains. <i>Synthetic Metals</i> , 1995, 71, 1909-1912.	3.9	16
85	Lasing in Cholesteric Liquid Crystals Doped with Oligothiophene Derivatives. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 6084-6087.	1.5	16
86	Crystal Structure and FET Characteristics of an n-Type Thiophene/Phenylene Co-oligomer of 1,4-Bis{5-[4-(trifluoromethyl)phenyl]thiophen-2-yl}benzene. <i>Chemistry Letters</i> , 2009, 38, 294-295.	1.3	16
87	High-Performance Solution-Processed n-Channel Organic Thin-Film Transistors Based on a Long Chain Alkyl-Substituted C ₆₀ Derivative. <i>Applied Physics Express</i> , 2010, 3, 101601.	2.4	16
88	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> , 1997, 294, 31-34.	0.3	15
89	STM study of molecular adsorption on single-wall carbon nanotube surface. <i>Chemical Physics Letters</i> , 2004, 383, 469-474.	2.6	15
90	Single-Crystal Growth and Charge Transport Properties of an Alternating Co-Oligomer Composed of Thiophene and Phenylene Rings. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 04DK20.	1.5	15

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91	Understanding the doping effects on the structural and electrical properties of ultrathin carbon nanotube networks. <i>Journal of Applied Physics</i> , 2015, 118, 215305.	2.5	15
92	Effect of keto defects on the electrical properties of fluorene-based oligomers. <i>Applied Physics Letters</i> , 2004, 85, 2953-2955.	3.3	14
93	Highly polarized polymer-based light-emitting diodes fabricated by using very thin photoaligned polyimide layers. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	14
94	Synergistic effect of polymer and oligomer blends for solution-processable organic thin-film transistors. <i>Organic Electronics</i> , 2008, 9, 952-958.	2.6	13
95	Switching between Solid and Liquid Phases of Spiropyran by Photochromic Reaction. <i>Chemistry Letters</i> , 2014, 43, 1619-1621.	1.3	13
96	Doped-Dye Orientation Relative to Oriented Polyfluorene Host Film. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 416-419.	1.5	12
97	Optically pumped lasing in solution-processed perovskite semiconducting materials: Self-assembled Fabry-Pérot microcavity. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 04CL07.	1.5	12
98	The use of acids in the exfoliation of carbon nanotubes and its application toward fabricating chemically stable and highly conducting transparent films. <i>Applied Surface Science</i> , 2020, 515, 146027.	6.1	12
99	Optimization of thermal treatment of vapor-deposited thiophene/phenylene co-oligomer films. <i>Journal of Crystal Growth</i> , 2012, 345, 39-43.	1.5	11
100	Direct observation of energy band development in a one-dimensional biradical molecular chain by ultraviolet photoemission spectroscopy. <i>Applied Physics Letters</i> , 2013, 102, 134103.	3.3	10
101	Fabrication of carbon nanotube hybrid films as transparent electrodes for small-molecule photovoltaic cells. <i>RSC Advances</i> , 2016, 6, 25062-25069.	3.6	10
102	Selective Langmuir-Blodgett Transfer on Phase-Separated Films. <i>Chemistry Letters</i> , 2002, 31, 970-971.	1.3	9
103	Highly conducting, durable and large area carbon nanotube thick films for stretchable and flexible electrodes. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	9
104	Bis(2-methyl-4-nitroanilinium) Tetrachlorocadmate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 588-591.	0.4	8
105	Control of the structures and functions of Langmuir-Blodgett films using supramolecular architecture. <i>Materials Science and Engineering C</i> , 1997, 4, 255-261.	7.3	8
106	Light-Induced Structural Change of Langmuir-Blodgett Films. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 316, 113-118.	0.3	8
107	Control of Photoreaction of Amphiphilic Spiropyran/n-Alkane Langmuir and Langmuir-Blodgett Films Using the Phase Transition of n-Alkane. <i>Langmuir</i> , 2004, 20, 10583-10590.	3.5	8
108	Color Control and White Emission of Organic Light-Emitting Device by External Light. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L345-L347.	1.5	8

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109	Single-Crystal-like Structure of Poly(9,9-dioctylfluorene) Thin Films Evaluated by Synchrotron-Sourced Grazing-Incidence X-ray Diffraction. <i>Polymer Journal</i> , 2007, 39, 1306-1311.	2.7	8
110	Soluble Fullerene-Based n-Channel Organic Thin-Film Transistors Printed by Using a Polydimethylsiloxane Stamp. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 836-841.	8.0	8
111	Organic Photofunctional Materials Composed of Azobenzene Derivatives: Liquid-solid Phase Transition in Multi Azobenzene Compounds with Partially Substituted Structures. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2014, 27, 301-305.	0.3	8
112	Organic field-effect transistor based on paramagnetic Cu(II) neutral complexes coordinated by Schiff base-type TTF ligands. <i>Polyhedron</i> , 2017, 136, 70-73.	2.2	8
113	Effect of Heat Treatment on Langmuir-Blodgett Films of a C60 Adduct. <i>Journal of Physical Chemistry B</i> , 2001, 105, 42-45.	2.6	7
114	Side-Chain Effects on Friction-Transferred Polymer Orientation. <i>Polymer Journal</i> , 2007, 39, 1300-1305.	2.7	7
115	Oriented Polyfluorene Films Dye-Doped for Whitening of Polarized Electroluminescent Devices. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 04DK20.	1.5	7
116	Measurement of the optical properties of a transparent, conductive carbon nanotube film using spectroscopic ellipsometry. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 078001.	1.5	7
117	Orientation control of functional molecules in Langmuir-Blodgett films using a trigger molecule: the effect of substitution of the functional molecule. <i>Thin Solid Films</i> , 1994, 242, 300-303.	1.8	6
118	Pressure dependent conductivity of BO-C10TCNQ. <i>Synthetic Metals</i> , 1995, 70, 1229-1230.	3.9	6
119	Light-induced ESR study of quinquethiophene (5T). <i>Synthetic Metals</i> , 2001, 119, 549-550.	3.9	6
120	FT-Raman spectroscopic study, aided by quantum chemical DFT calculations, of a series of oligothiophenes end-capped by nitriles. <i>Journal of Molecular Structure</i> , 2005, 744-747, 403-409.	3.6	6
121	Search of Optimum Conditions for Sublimation Growth of Thiophene/Phenylene Co-Oligomer Crystals. <i>Macromolecular Symposia</i> , 2006, 242, 315-318.	0.7	6
122	Effect of subphase temperature on the phase-separated structures of mixed Langmuir and Langmuir-Blodgett films of fatty acids and hybrid carboxylic acids. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 379-385.	9.4	6
123	Nanoprobe characterization of MoS ₂ nanosheets fabricated by Li-intercalation. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 08LB07.	1.5	6
124	Conductivity of floating monolayers based on BEDO-TTF charge transfer complex at the air-water interface. <i>Thin Solid Films</i> , 1996, 284-285, 508-511.	1.8	5
125	Orientation Control of Porphyrin in the Mixed Monolayer at the Air-Water Interface by Adding Long-Chain n-Alkanes. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 295, 171-174.	0.3	5
126	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> , 2018, 57, 08RE09.	1.5	5

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127	Structures and Fluorescence Properties for the Crystals, Powders, and Thin Films of Dithienylhexatrienes: Effects of Positional Isomerism. <i>Crystal Growth and Design</i> , 2018, 18, 6477-6487.	3.0	5
128	Atomic Force Microscopic Study of Vesicles of Synthetic Surfactant, Vesicles of Thylakoid Membrane, and Whole Cells of Bacteria. <i>Chemistry Letters</i> , 1991, 20, 1925-1928.	1.3	4
129	Utilization and Modification of Perovskite-Type Layered Structures as Inorganic-Organic Hybrid Materials. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 276, 237-243.	0.3	4
130	Langmuir Layers and Langmuir-Blodgett Films of Bis-tetrathiafulvalene Annelated Macrocyclic. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 247-254.	3.2	4
131	Development of organic thin film devices based on Cu(II) complex with tetrathiafulvalene moieties in the ligands. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 641, 81-85.	0.9	4
132	Oriented Polyfluorene Films Dye-Doped for Whitening of Polarized Electroluminescent Devices. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 04DK20.	1.5	4
133	Electroabsorption of Amphiphilic Tetrathiafulvalene Derivatives / 7,7,8,8-Tetracyano-2,3,5,6-tetrafluoroquinodimethane Systems in Langmuir-Blodgett Films. <i>Chemistry Letters</i> , 1996, 25, 189-190.	1.3	3
134	Langmuir-Blodgett films of molecular conductors based on alkylTCNQ derivatives. <i>Synthetic Metals</i> , 1997, 86, 1843-1844.	3.9	3
135	Electron spin resonance of Cu-porphyrin of dimer-type in Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1997, 295, 92-94.	1.8	3
136	Salt Formation in the Langmuir-Blodgett Films of Arachidic Acid Mixed with Amphiphilic Ammonium Ions and an Amphiphilic Amine. <i>Chemistry Letters</i> , 1999, 28, 505-506.	1.3	3
137	Fabrication and Efficient Photochromism of the Mixed Langmuir-Blodgett Films of a Water-miscible Azobenzene Amphiphile and Long-chain Alkylammoniums. <i>Chemistry Letters</i> , 2004, 33, 172-173.	1.3	3
138	Structure, Physical Properties and Thin-Film Transistor Characteristics of Sexithiophene Isomers. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 472, 137/[527]-143/[533].	0.9	3
139	Multi-Layered Oriented Polyfluorene Films. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5746-5751.	2.6	3
140	Stable iodide doping induced by photonic curing for carbon nanotube transparent conductive films. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 065101.	1.5	3
141	Highly concentrated dispersion of methyl-terminated germanane by liquid exfoliation. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 105002.	1.5	3
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