

Hiroyoshi Naito

List of Publications by Year in descending order

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324
papers

4,758
citations

117453

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189595

50
g-index

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all docs

336
docs citations

336
times ranked

4283
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation-induced emission active thermally-activated delayed fluorescence materials possessing N-heterocycle and sulfonyl groups. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4607-4613.	2.7	3
2	Revisiting open-circuit photovoltage decay in organic solar cells for the determination of bimolecular recombination constants. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 034001.	0.8	1
3	Enhanced performance of solution-processable floating-gate organic phototransistor memory for organic image sensor applications. <i>Applied Physics Express</i> , 2021, 14, 041007.	1.1	3
4	Electrically programmable multilevel nonvolatile memories based on solution-processed organic floating-gate transistors. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	14
5	Understanding the influence of contact resistances on short-channel high-mobility organic transistors in linear and saturation regimes. <i>Applied Physics Express</i> , 2021, 14, 041010.	1.1	4
6	Modulation Spectroscopies for the Characterization of Electronic Properties in Organic Semiconductor Devices. , 2021, , .		0
7	Performance Improvement of Solution-Processed Organic Floating-Gate Transistor Memories via Tuning the Work Function of Gate Electrodes. , 2021, , .		0
8	Thiophene-based twisted bistricyclic aromatic ene with tricoordinate boron: a new n-type semiconductor. <i>Chemical Communications</i> , 2021, 57, 1316-1319.	2.2	16
9	Intersystem Crossing Rate in Thermally Activated Delayed Fluorescence Emitters. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 1900616.	0.8	13
10	Interpretation of modulus spectra in organic field-effect transistors: equivalent-circuit approach. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SDDA06.	0.8	0
11	Operation mechanism and efficiency-limiting factors in solution-processed quantum-dots light-emitting diodes. <i>Organic Electronics</i> , 2020, 86, 105865.	1.4	6
12	Modulated Photocurrent Spectroscopy Study of the Electronic Transport Properties of Working Organic Photovoltaics: Degradation Analysis. <i>Materials</i> , 2020, 13, 2660.	1.3	2
13	Simultaneous determination of electron and hole drift mobilities in working inverted organic solar cells: modulated photocurrent spectroscopy versus impedance spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 064002.	0.8	2
14	Interpretation of the modulus spectra of organic field-effect transistors with electrode overlap and peripheral regions: determination of the electronic properties of the gate insulator and organic semiconductor. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 094002.	0.8	2
15	Interfacial charges and electroluminescence in bilayer organic light-emitting diodes with different hole transport materials. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SFFA02.	0.8	8
16	Modulated photocurrent spectroscopies for characterization of the charge transport process in organic photovoltaics. <i>Journal of Physics: Conference Series</i> , 2019, 1220, 012018.	0.3	1
17	Effect of non-chlorinated solvents on the enhancement of field-effect mobility in dioctylbenzothienobenzothiophene-based top-gate organic transistors processed by spin coating. <i>Organic Electronics</i> , 2019, 69, 181-189.	1.4	13
18	19â€œ5: Lateâ€œNews Paper: Characterization of carrier transport properties in working polymer lightâ€œemitting diodes. <i>Digest of Technical Papers SID International Symposium</i> , 2019, 50, 263-266.	0.1	1

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19	Negative capacitance of bilayer organic light-emitting diodes—its correlation with current efficiency and device lifetime. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SFFA01.	0.8	1
20	Determination of bimolecular recombination constants in organic double-injection devices using impedance spectroscopy. <i>Applied Physics Letters</i> , 2019, 114, 123301.	1.5	7
21	Full characterization of electronic transport properties in working polymer light-emitting diodes via impedance spectroscopy. <i>Journal of Applied Physics</i> , 2019, 125, 115501.	1.1	6
22	Lateral Alternating Donor/Acceptor Multilayered Junction for Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 2087-2093.	2.5	15
23	Modulated Photocurrent Spectroscopy for Determination of Electron and Hole Mobilities in Working Organic Solar Cells. <i>Scientific Reports</i> , 2019, 9, 20346.	1.6	10
24	Novel measurement method of ion impurity in OPV materials. , 2019, , .		2
25	Optical memory characteristics of solution-processed organic transistors with self-organized organic floating gates for printable multi-level storage devices. <i>Organic Electronics</i> , 2019, 67, 109-115.	1.4	31
26	Synthesis and Characterization of Soluble Directly 2,2'-linked Tetracene Dimer. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2107-2114.	1.2	1
27	Air-Stable Optoelectronic Devices with Metal Oxide Cathodes. , 2019, , 413-422.		1
28	Effective Europium Coordination Luminophores Linked with Bi- and Tridentate Carbazole Phosphine Oxides for Organic Electroluminescent Devices. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9599-9605.	1.5	12
29	High-performance didodecylbenzothienobenzothiophene-based top-gate organic transistors processed by spin coating using binary solvent mixtures. <i>Organic Electronics</i> , 2018, 58, 306-312.	1.4	8
30	Control of Electrical Potential Distribution for High-Performance Perovskite Solar Cells. <i>Joule</i> , 2018, 2, 296-306.	11.7	138
31	Spectroscopic and electrical characterization of $\hat{1}\pm, \hat{1}^3$ -bis(diphenylene)- $\hat{1}^2$ -phenylallyl radical as an organic semiconductor. <i>Research on Chemical Intermediates</i> , 2018, 44, 4765-4774.	1.3	1
32	Determination of Interface-State Distributions in Polymer-Based Metal-Insulator-Semiconductor Capacitors by Impedance Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1493.	1.3	9
33	Influence of Substrate Modification with Dipole Monolayers on the Electrical Characteristics of Short-Channel Polymer Field-Effect Transistors. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1274.	1.3	3
34	Beads-on-String-Shaped Poly(azomethine) Applicable for Solution Processing of Bilayer Devices Using a Same Solvent. <i>ACS Macro Letters</i> , 2018, 7, 641-645.	2.3	23
35	Visualization of the carrier transport dynamics in layered Organic Light Emitting Diodes by Modulus spectroscopy. <i>Organic Electronics</i> , 2018, 61, 10-17.	1.4	16
36	Triplet-triplet annihilation in a thermally activated delayed fluorescence emitter lightly doped in a host. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	21

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37	Emission properties of thermally activated delayed fluorescence emitters: analysis based on a four-level model considering a higher triplet excited state. <i>Journal of Photonics for Energy</i> , 2018, 8, 1.	0.8	7
38	Contributions of a Higher Triplet Excited State to the Emission Properties of a Thermally Activated Delayed-Fluorescence Emitter. <i>Physical Review Applied</i> , 2017, 7, .	1.5	45
39	Control of the Singlet-Triplet Energy Gap in a Thermally Activated Delayed Fluorescence Emitter by Using a Polar Host Matrix. <i>Nanoscale Research Letters</i> , 2017, 12, 268.	3.1	23
40	Hall Effect in Bulk-Doped Organic Single Crystals. <i>Advanced Materials</i> , 2017, 29, 1605619.	11.1	25
41	Single crystal organic photovoltaic cells using lateral electron transport. <i>Organic Electronics</i> , 2017, 41, 118-121.	1.4	21
42	Molecular Electronics. <i>Springer Handbooks</i> , 2017, , 1-1.	0.3	1
43	Hole- and electron-only transport in ratio-controlled organic co-deposited films observed by impedance spectroscopy. <i>Organic Electronics</i> , 2017, 50, 515-520.	1.4	6
44	Electron injection in inverted organic light-emitting diodes with poly(ethyleneimine) electron injection layers. <i>Organic Electronics</i> , 2017, 50, 290-295.	1.4	21
45	Flexible and Printed Electronics. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 05E001.	0.8	1
46	Photoluminescence Properties of Polymorphic Modifications of Low Molecular Weight Poly(3-hexylthiophene). <i>Nanoscale Research Letters</i> , 2017, 12, 368.	3.1	5
47	Efficient Skin Temperature Sensor and Stable Gel-Less Sticky ECG Sensor for a Wearable Flexible Healthcare Patch. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700495.	3.9	223
48	Solution-processed organic field-effect transistors based on dinaphthothienothiophene precursor with chemically modified electrodes. <i>Journal of Physics: Conference Series</i> , 2017, 924, 012008.	0.3	4
49	Relation between active-layer thickness and power conversion efficiency in P3HT:PCBM inverted organic photovoltaics. <i>Journal of Physics: Conference Series</i> , 2017, 924, 012009.	0.3	3
50	Effects of the Alkyl Substituents on the Organic Thin Film Transistor Characteristics of Thiophene-fused Naphthalenes:. <i>Journal of the Japan Society of Colour Material</i> , 2017, 90, 233-237.	0.0	0
51	Synthesis of a Conjugated D-A Polymer with Bi(disilanobithiophene) as a New Donor Component. <i>Molecules</i> , 2016, 21, 789.	1.7	6
52	Effects of silica nanoparticle addition on polymer semiconductor wettability and carrier mobility in solution-processable organic transistors on hydrophobic substrates. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 509-516.	2.4	8
53	Luminescent Thin Films Composed of Nanosized Europium Coordination Polymers on Glass Electrodes. <i>ChemPlusChem</i> , 2016, 81, 187-193.	1.3	14
54	Write-once memory effects observed in Ga-doped ZnO/organic semiconductor/MoO ₃ /Au structures. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 03DC05.	0.8	6

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55	Inverted organic light-emitting diodes with an electrochemically deposited zinc oxide electron injection layer. <i>Journal of Applied Physics</i> , 2016, 120, 185501.	1.1	16
56	Inverted organic light-emitting diodes using different transparent conductive oxide films as a cathode. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 03DC06.	0.8	9
57	Determination of deep trapping lifetime in organic semiconductors using impedance spectroscopy. <i>Applied Physics Letters</i> , 2016, 108, 053305.	1.5	16
58	Amorphous Solid Simulation and Trial Fabrication of the Organic Field-Effect Transistor of Tetrathienonaphthalenes Prepared by Using Microflow Photochemical Reactions: A Theoretical Calculation-Inspired Investigation. <i>Journal of Organic Chemistry</i> , 2016, 81, 3168-3176.	1.7	10
59	Simple Calculation of Power Conversion Efficiency of PC61BM and PC71BM Based Organic Solar Cells – Good Agreement with Experiments in Donor Materials with Different Band Gap Energies. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3349-3354.	0.9	1
60	Disilanobithiophene-dithienylbenzothiadiazole alternating polymer as donor material of bulk heterojunction polymer solar cells. <i>Synthetic Metals</i> , 2016, 215, 116-120.	2.1	5
61	Fabrication of Vertical Molecular Junction Devices with Conductive Polymer Contacts Using a Peeling Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3307-3311.	0.9	0
62	Temperature Dependence of Field-Effect Mobility in Organic Thin-Film Transistors: Similarity to Inorganic Transistors. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3219-3222.	0.9	3
63	Chemical Functionalisation and Photoluminescence of Graphene Quantum Dots. <i>Chemistry - A European Journal</i> , 2016, 22, 8198-8206.	1.7	59
64	Effects of Bimolecular Recombination on Impedance Spectra in Organic Semiconductors: Analytical Approach. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3322-3326.	0.9	11
65	Degradation of Bilayer Organic Light-Emitting Diodes Studied by Impedance Spectroscopy. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3368-3372.	0.9	7
66	High operational stability of solution-processed organic field-effect transistors with top-gate configuration. <i>Organic Electronics</i> , 2016, 32, 65-69.	1.4	22
67	Optical Properties of Three Differently Colored Crystal Modifications of a 2,3-Dicyanopyrazine Dye. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 716-721.	2.0	6
68	Solution-processed dinaphtho[2,3- <i>b</i> : <i>c'</i>]- C_2C_2 -thieno[3,2- <i>b</i>]thiophene transistor memory based on phosphorus-doped silicon nanoparticles as a nano-floating gate. <i>Applied Physics Express</i> , 2015, 8, 101601.	1.1	8
69	High-performance and electrically stable solution-processed polymer field-effect transistors with a top-gate configuration. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 011601.	0.8	25
70	Characterization of transport properties of organic semiconductors using impedance spectroscopy. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 4463-4474.	1.1	17
71	Synthesis of new D-A polymers containing disilanobithiophene donor and application to bulk heterojunction polymer solar cells. <i>Polymer Journal</i> , 2015, 47, 733-738.	1.3	16
72	Soluble Organic Semiconductor Precursor with Specific Phase Separation for High-Performance Printed Organic Transistors. <i>Advanced Materials</i> , 2015, 27, 727-732.	11.1	43

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73	Electronic Structures of Planar and Nonplanar Polyfluorene. Springer Series in Materials Science, 2015, , 63-80.	0.4	1
74	Electrical characterization of thieno[3,4-b]thiophene and benzodithiophene copolymer using field-effect transistor configuration. Japanese Journal of Applied Physics, 2014, 53, 050305.	0.8	5
75	Angular distribution of field-effect mobility in oriented poly[5,5- α -bis(3-dodecyl-2-thienyl)-2,2- α -bithiophene] fabricated by roll-transfer printing. Applied Physics Letters, 2014, 104, .	1.5	10
76	Effect of contact resistance on mobility determination by impedance spectroscopy. Japanese Journal of Applied Physics, 2014, 53, 02BE02.	0.8	5
77	High performance top-gate field-effect transistors based on poly(3-alkylthiophenes) with different alkyl chain lengths. Organic Electronics, 2014, 15, 372-377.	1.4	16
78	Temperature dependence of photoluminescence properties in a thermally activated delayed fluorescence emitter. Applied Physics Letters, 2014, 104, .	1.5	48
79	Third-order optical susceptibility in polythiophene thin films prepared by spin-coating from high-boiling-point solvents. Thin Solid Films, 2014, 554, 106-109.	0.8	4
80	Continuous-wave photoinduced absorption study on trapped carriers in bulk-heterojunction solar cells connected to load. Thin Solid Films, 2014, 554, 209-212.	0.8	1
81	Impedance spectroscopy for high resolution measurements of energetic distributions of localized states in organic semiconductors. Thin Solid Films, 2014, 554, 218-221.	0.8	7
82	Demonstration of determination of electron and hole drift-mobilities in organic thin films by means of impedance spectroscopy measurements. Thin Solid Films, 2014, 554, 213-217.	0.8	21
83	Highly Oriented Polymer Field-Effect Transistors with High Electrical Stability. Japanese Journal of Applied Physics, 2013, 52, 121601.	0.8	4
84	Structure of electron collection electrode in dye-sensitized nanocrystalline TiO ₂ . Electrochimica Acta, 2013, 87, 309-316.	2.6	12
85	Response to "Comment on 'The origin of non-Drude terahertz conductivity in nanomaterials'" [Appl. Phys. Lett. 102, 096101 (2013)]. Applied Physics Letters, 2013, 102, .	1.5	3
86	High Performance of Organic Transistors Using Self-Aggregated Surface of Organic Semiconductor Thin Films. Journal of Smart Processing, 2013, 2, 251-256.	0.0	0
87	2,3,6,7-Tetramethoxy-9,10-anthraquinone. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2587-o2587.	0.2	1
88	2,6-Dimethoxy-9,10-anthraquinone. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2843-o2843.	0.2	5
89	Effects of Alkoxy Substitution on the Optical Properties of 9,10-Anthraquinone and Anthracene: 2,3,6,7-Tetrapropoxy-substituted vs. 2,6-Dipropoxy-substituted Derivatives. Chemistry Letters, 2012, 41, 674-676.	0.7	14
90	Non-Drude terahertz conductivity in nanomaterials: overview and applications to nanosilicon and nanogold. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2602-2605.	0.8	3

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91	Simulation of impedance spectra of double-layer organic light-emitting diodes for the determination of hole drift mobility of NPB/Alq3 diodes by means of impedance spectroscopy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 2561-2564.	0.8	9
92	Preface: Optical, Optoelectronic and Photonic Materials and Applications. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 2222-2225.	0.8	0
93	Anomalous optical conductivity in disordered condensed matter. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 2373-2376.	1.5	4
94	Third-order optical susceptibility of ordered and disordered polyfluorene thin films. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 2530-2533.	1.5	0
95	Polysilsesquioxanes for Gate-Insulating Materials of Organic Thin-Film Transistors. <i>International Journal of Polymer Science</i> , 2012, 2012, 1-10.	1.2	10
96	The origin of non-Drude terahertz conductivity in nanomaterials. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	33
97	J-aggregate structure in a chloroform solvate of a 2,3-dicyanopyrazine dye ? Separation of two-dimensional stacking dye layers by solvate formation. <i>Dyes and Pigments</i> , 2012, 95, 431-435.	2.0	10
98	17,17-Dialkyltetrabenzo[a,c,g,i]fluorenes with extremely high solid-state fluorescent quantum yields: relationship between crystal structure and fluorescent properties. <i>Tetrahedron</i> , 2012, 68, 1688-1694.	1.0	18
99	Determination of Drift Mobility and Localized-state Distribution in Organic Light-emitting Diodes by Impedance Spectroscopy. <i>Hyomen Kagaku</i> , 2012, 33, 69-74.	0.0	0
100	Octaalkyl tetracene-1,2,3,4,7,8,9,10-octacarboxylates: synthesis by twofold [2+2+2] cocyclization and crystallochromy. <i>Chemical Communications</i> , 2011, 47, 6653.	2.2	24
101	Bipolar carrier transport in tris(8-hydroxy-quinolinato) aluminum observed by impedance spectroscopy measurements. <i>Journal of Applied Physics</i> , 2011, 110, .	1.1	32
102	Synthesis and Properties of anti/syn-Regioisomeric Mixtures of Alkyl-Substituted Tetracenes. <i>Heterocycles</i> , 2011, 83, 1621.	0.4	11
103	Synthesis and Solid-state Optical Properties of 2,3-Dialkyl- and 2,3,8,9-Tetraalkyltetracenes. <i>Chemistry Letters</i> , 2011, 40, 58-59.	0.7	26
104	Frequency Characteristics of Polymer Field-Effect Transistors with Self-Aligned Electrodes Investigated by Impedance Spectroscopy. <i>IEICE Transactions on Electronics</i> , 2011, E94-C, 1727-1732.	0.3	2
105	Mobility enhancement in solution-processable organic transistors through polymer chain alignment by roll-transfer printing. <i>Organic Electronics</i> , 2011, 12, 2140-2143.	1.4	17
106	Determination of charge carrier mobility in tris(8-hydroxy-quinolinato) aluminum by means of impedance spectroscopy measurements. <i>Organic Electronics</i> , 2011, 12, 1364-1369.	1.4	29
107	Enhancement of Third-Order Optical Susceptibility in Polythiophene Thin Films Fabricated by Drop Casting Using Anhydrous Solvent. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 072601.	0.8	1
108	Oscillatory Structure in the Electroabsorption Spectrum of π -Conjugated Polymer Thin Films: How to Identify the Franz-Keldysh Oscillation. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 034707.	0.7	4

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109	Continuous-wave photoinduced absorption studies in polythiophene and fullerene blended thin films. <i>Physical Review B</i> , 2011, 83, .	1.1	16
110	Air-mediated self-organization of polymer semiconductors for high-performance solution-processable organic transistors. <i>Applied Physics Letters</i> , 2011, 98, 063304.	1.5	18
111	Charge transport enhancement via air-mediated self-organization in polymer semiconductors. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1360, 101201.	0.1	1
112	1,7-Diethyl-4,10-diisopropyltetracene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2611-o2611.	0.2	1
113	Determination of Carrier Lifetime in Bulk-Heterojunction Solar Cells by Continuous-Wave Photoinduced Absorption Spectroscopy. <i>Applied Physics Express</i> , 2011, 4, 126602.	1.1	10
114	Determination of Physical Parameters in Organic Bulk Heterojunction Solar Cells Using a Genetic Algorithm. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2011, 131, 283-289.	0.1	4
115	Enhancement of Third-Order Optical Susceptibility in Polythiophene Thin Films Fabricated by Drop Casting Using Anhydrous Solvent. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 072601.	0.8	2
116	Crystal Structure of 1,4,5,8-Tetrapentylanthracene. <i>X-ray Structure Analysis Online</i> , 2010, 26, 65-66.	0.1	2
117	Synthesis, Optical Properties, and Crystal Structure of 1,4-Dipropyltetracene. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2571-2575.	1.2	15
118	1,4,7,10-Tetraalkyltetracenes: Tuning of Solid-State Optical Properties and Fluorescence Quantum Yields by Peripheral Modulation. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3033-3040.	1.2	37
119	Low-Temperature Processable Organic-Inorganic Hybrid Gate Dielectrics for Solution-Based Organic Field-Effect Transistors. <i>Advanced Materials</i> , 2010, 22, 4706-4710.	11.1	39
120	Synthesis and Crystallochromy of 1,4,7,10-Tetraalkyltetracenes: Tuning of Solid-State Optical Properties of Tetracenes by Alkyl Side-Chain Length. <i>Chemistry - A European Journal</i> , 2010, 16, 890-898.	1.7	68
121	Field-effect transistor characteristics and microstructure of regioregular poly(3-hexylthiophene) on alkylsilane self-assembled monolayers prepared by microcontact printing. <i>Organic Electronics</i> , 2010, 11, 1323-1326.	1.4	8
122	Drastic Improvement in Wettability of 6,13-Bis(triisopropylsilylethynyl)pentacene by Addition of Silica Nanoparticles for Solution-Processable Organic Field-Effect Transistors. <i>Applied Physics Express</i> , 2010, 3, 091602.	1.1	22
123	1,4,5,8-Tetraisopropylanthracene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2222-o2222.	0.2	0
124	1,4,5,8-Tetra- <i>n</i> -butylanthracene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2565-o2565.	0.2	1
125	Electroabsorption study of ordered polyfluorene thin films: Origin of oscillatory structure near the bottom of the continuum state. <i>Physical Review B</i> , 2010, 81, .	1.1	10
126	Device characteristics of short-channel polymer field-effect transistors. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	36

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127	Effective Rotational Viscosity of Vertical Alignment Nematic Liquid Crystal Cells. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 516, 228-232.	0.4	0
128	Solution-Processed Dioctylbenzothienobenzothiophene-Based Top-Gate Organic Transistors with High Mobility, Low Threshold Voltage, and High Electrical Stability. <i>Applied Physics Express</i> , 2010, 3, 121601.	1.1	50
129	The origin of anomalous optical conductivity in metallic polymers: A unified model. <i>Philosophical Magazine Letters</i> , 2009, 89, 673-681.	0.5	7
130	Impedance spectroscopy measurements of charge carrier mobility in 4,4'-N,N'-dicarbazole-biphenyl thin films doped with tris(2-phenylpyridine) iridium. <i>Thin Solid Films</i> , 2009, 518, 452-456.	0.8	22
131	Weak anchoring of nematic liquid crystals on photo-induced surface relief gratings of organic polysilane. <i>Thin Solid Films</i> , 2009, 518, 767-770.	0.8	5
132	Determination of localized-state distributions in organic light-emitting diodes by impedance spectroscopy. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	43
133	Low Refractive Index of Polysilane-Silica Nanoparticle Hybrids and Their Application for Anti-reflection Films. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2009, 22, 307-309.	0.1	8
134	Preparation, Crystal Structure, and Solid-state Fluorescence of a CH ₂ Cl ₂ -solvated Crystal of 6,13-Bis(<i>i</i> -butylphenyl)-2,3,9,10-tetrapropoxypentacene. <i>Chemistry Letters</i> , 2009, 38, 600-601.	0.7	5
135	Surface Modification of Organic-Inorganic Hybrid Insulator for Printable Organic Field-effect Transistors. <i>Chemistry Letters</i> , 2009, 38, 34-35.	0.7	3
136	Correlation between the crystallization of polyfluorene and the surface free energy of substrates. <i>Thin Solid Films</i> , 2008, 517, 1340-1342.	0.8	12
137	Measurement of viscosities from the transient current of nematic liquid crystals with negative dielectric anisotropy. <i>Thin Solid Films</i> , 2008, 517, 1421-1423.	0.8	3
138	Equivalent circuits of polymer light-emitting diodes with hole-injection layer studied by impedance spectroscopy. <i>Thin Solid Films</i> , 2008, 517, 1327-1330.	0.8	25
139	Photoluminescence and photoconductivity studies of oriented polyfluorene thin films. <i>Thin Solid Films</i> , 2008, 516, 2392-2395.	0.8	5
140	Percolative behavior of transient photoconductivity in metal-free phthalocyanine nanocrystals. <i>Thin Solid Films</i> , 2008, 516, 2558-2561.	0.8	1
141	A study of $\hat{1}$ - and $\hat{2}$ -phase poly(9,9-dioctylfluorene) by electroabsorption spectroscopy. <i>Thin Solid Films</i> , 2008, 516, 2537-2540.	0.8	11
142	Analysis of time-of-flight transient photocurrent in organic semiconductors with coplanar-blocking-electrodes configuration. <i>Thin Solid Films</i> , 2008, 516, 2595-2599.	0.8	18
143	Title is missing!. <i>Thin Solid Films</i> , 2008, 517, 1311.	0.8	0
144	Anisotropic optical properties of aligned $\hat{2}$ -phase polyfluorene thin films. <i>Thin Solid Films</i> , 2008, 517, 1324-1326.	0.8	13

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145	Electrical characteristics of polymer field-effect transistors with poly(methylsilsesquioxane) gate dielectrics on plastic substrates. <i>Thin Solid Films</i> , 2008, 517, 1343-1345.	0.8	7
146	Effects of viscosities on the transient current in homeotropic nematic liquid crystal cells. <i>Thin Solid Films</i> , 2008, 517, 1417-1420.	0.8	3
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