

Tsuyoshi Michinobu

List of Publications by Year in descending order

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6139
citing authors

#	ARTICLE	IF	CITATIONS
1	Postpolymerization Modification: A Powerful Tool for the Synthesis and Function Tuning of Stimuli-Responsive Polymers. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	1.1	17
2	Directional Carrier Polarity Tunability in Ambipolar Organic Transistors Based on Diketopyrrolopyrrole and Bithiophene Imide Dual-Acceptor Semiconducting Polymers. <i>Chemistry of Materials</i> , 2022, 34, 3140-3151.	3.2	10
3	[2+2] Cycloaddition-retroelectrocyclization reactivity and thin film transistor performances of carbazole-based platinum polyynes. <i>Materials Chemistry and Physics</i> , 2022, 281, 125861.	2.0	3
4	A Route to Conjugated Monomers and Polymers Incorporating 2,5-Connected Oxazole in the Backbone. <i>Journal of Organic Chemistry</i> , 2022, 87, 9384-9390.	1.7	6
5	Conjugated polymers for functional applications: lifetime and performance of polymeric organic semiconductors in organic field-effect transistors. <i>Polymer International</i> , 2021, 70, 367-373.	1.6	20
6	Cu(I)-catalyzed azide-alkyne cycloaddition synthesis and fluorescent ion sensor behavior of carbazole-triazole-fluorene conjugated polymers. <i>Polymer International</i> , 2021, 70, 432-436.	1.6	9
7	Organic J-Aggregate Nanodots with Enhanced Light Absorption and Near-Unity Fluorescence Quantum Yield. <i>Nano Letters</i> , 2021, 21, 2840-2847.	4.5	16
8	Cross-Linking of Poly(arylenebutadiynylene)s and Its Effect on Charge Carrier Mobilities in Thin-Film Transistors. <i>Macromolecules</i> , 2021, 54, 4351-4362.	2.2	4
9	Energy-Level Manipulation in Novel Indacenodithiophene-Based Donor-Acceptor Polymers for Near-Infrared Organic Photodetectors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29866-29875.	4.0	19
10	n-Type Digital Memory Characteristics of Diketopyrrolopyrrole-Based Narrow Bandgap Polymers. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27479-27488.	1.5	3
11	Coil-coil triblock copolymers synthesized by macromolecular clicking and their compatibilizer effects in all-polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2021, 10, 346-359.	2.7	4
12	Improved Fluorescence and Brightness of Near-Infrared and Shortwave Infrared Emitting Polymer Dots for Bioimaging Applications. <i>ACS Applied Polymer Materials</i> , 2020, 2, 569-577.	2.0	26
13	Tuning the Charge Carrier Polarity of Organic Transistors by Varying the Electron Affinity of the Flanked Units in Diketopyrrolopyrrole-Based Copolymers. <i>Advanced Functional Materials</i> , 2020, 30, 1907452.	7.8	45
14	Improving the air-stability of n-type organic thin-film transistors by polyacrylonitrile additive. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SDDC05.	0.8	10
15	Pure Organic Semiconductor-Based Photoelectrodes for Water Splitting. <i>Solar Rrl</i> , 2020, 4, 1900395.	3.1	31
16	N-Type Charge Carrier Transport Properties of BDOPV-Benzothiadiazole-Based Semiconducting Polymers. <i>Electronics (Switzerland)</i> , 2020, 9, 1604.	1.8	1
17	Diketopyrrolopyrrole-thiophene-methoxythiophene based random copolymers for organic field effect transistor applications. <i>Organic Electronics</i> , 2020, 87, 105986.	1.4	22
18	Millimeter-Deep Detection of Single Shortwave-Infrared-Emitting Polymer Dots through Turbid Media. <i>Nano Letters</i> , 2020, 20, 8803-8810.	4.5	13

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19	Selenium-Based Solar Cell with Conjugated Polymers as Both Electron and Hole Transport Layers to Realize High Water Tolerance as well as Good Long-Term and Thermal Stability. <i>Solar Rrl</i> , 2020, 4, 2000425.	3.1	3
20	A cyano-rich small molecule dopant for organic thermoelectrics. <i>Organic Electronics</i> , 2020, 87, 105978.	1.4	7
21	Diketopyrrolopyrrole-Based Dual-Acceptor Copolymers to Realize Tunable Charge Carrier Polarity of Organic Field-Effect Transistors and High-Performance Nonvolatile Ambipolar Flash Memories. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1609-1618.	2.0	21
22	Development of Block Copolymers with Poly(3-hexylthiophene) Segments as Compatibilizers in Non-Fullerene Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12083-12092.	4.0	19
23	Donor-Acceptor Effect of Carbazole-Based Conjugated Polymer Electrets on Photoresponsive Flash Organic Field-Effect Transistor Memories. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6144-6150.	4.0	60
24	Versatile nature of anthanthrone based polymers as active multifunctional semiconductors for various organic electronic devices. <i>Materials Advances</i> , 2020, 1, 3428-3438.	2.6	9
25	Poly(3,9-carbazole)s: A Chemically Stable Extended Form of Polyaniline for Nitro-Aromatic Sensor Applications. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1361-1365.	2.0	5
26	Self-Pulsing in Hybrid Subwavelength Grating Metamaterial Ring Resonator. , 2020, , .		0
27	Ultrafast self-induced oscillation in a nonlinear subwavelength grating metamaterial ring resonator. , 2020, , .		0
28	Novel Photoinduced Recovery of OFET Memories Based on Ambipolar Polymer Electret for Photorecorder Application. <i>Advanced Functional Materials</i> , 2019, 29, 1902991.	7.8	49
29	Tuning Backbone Planarity in Thiadiazolobenzotriazole-Bis(thienothiophenyl)ethylene Copolymers for Organic Field-Effect Transistors. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2302-2312.	2.0	10
30	Energy level tuning of aromatic polyamines by [2+2] cycloaddition-retroelectrocyclization for the optimization of device performances. <i>Synthetic Metals</i> , 2019, 257, 116179.	2.1	3
31	Impact of Incorporating Nitrogen Atoms in Naphthalenediimide-Based Polymer Acceptors on the Charge Generation, Device Performance, and Stability of All-Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35896-35903.	4.0	26
32	Significant Improvement of Unipolar n-Type Transistor Performances by Manipulating the Coplanar Backbone Conformation of Electron-Deficient Polymers via Hydrogen Bonding. <i>Journal of the American Chemical Society</i> , 2019, 141, 3566-3575.	6.6	142
33	Significant Difference in Semiconducting Properties of Isomeric All-Acceptor Polymers Synthesized via Direct Arylation Polycondensation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11893-11902.	7.2	68
34	Significant Difference in Semiconducting Properties of Isomeric All-Acceptor Polymers Synthesized via Direct Arylation Polycondensation. <i>Angewandte Chemie</i> , 2019, 131, 12019-12028.	1.6	7
35	Dual Imide-Functionalized Unit-Based Regioregular A1-A2 Polymers for Efficient Unipolar n-Channel Organic Transistors and All-Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22583-22594.	4.0	35
36	Poly(dithiazolfluorene-selenadiazolobenzotriazole)-Based Blue-Light Photodetector and Its Application in Visible-Light Communication. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16758-16764.	4.0	14

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37	Elucidating the thermal degradation of carbazole-containing platinum-polyene polymers. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47639.	1.3	4
38	Strain-Promoted Double Azide Addition to Octadehydrodibenzo[12]annulene Derivatives. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900016.	1.0	8
39	Development of N-Type Semiconducting Polymers for Transistor Applications. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2019, 32, 563-570.	0.1	3
40	Efficient Inverted Perovskite Solar Cells by Employing Na-Type (D^{A_1} - D^{A_2}) Polymers as Electron Transporting Layer. <i>Small</i> , 2019, 15, e1803339.	5.2	50
41	The [2+2] Cycloaddition-Retroelectrocyclization (CA-RE) Click Reaction: Facile Access to Molecular and Polymeric Push-Pull Chromophores. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3552-3577.	7.2	120
42	A Direct Method to Access Substituted Pyreno[4,5-c:9,10-c'a]difuran and its Analogues. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2213-2217.	1.3	6
43	High-Performance n-Channel Organic Transistors Using High-Molecular-Weight Electron-Deficient Copolymers and Amine-Tailed Self-Assembled Monolayers. <i>Advanced Materials</i> , 2018, 30, e1707164.	11.1	97
44	Linear-type carbazodioxazine-based organic semiconductors: the effect of backbone planarity on the molecular orientation and charge transport properties. <i>RSC Advances</i> , 2018, 8, 9822-9832.	1.7	7
45	Temperature compensation of pressure-sensitive luminescent polymer sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1960-1966.	4.0	16
46	Inversion of charge carrier polarity and boosting the mobility of organic semiconducting polymers based on benzobisthiadiazole derivatives by fluorination. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3593-3603.	2.7	28
47	Covalent layer-by-layer thin films with charge-transfer chromophores: side chain engineering for efficient Ag ⁺ ion recognition in aqueous solutions. <i>Soft Matter</i> , 2018, 14, 9055-9060.	1.2	7
48	Die [2+2]-Cycloadditions-Retroelektrocyclisierungs(CA-RE)-Klick-Reaktion: ein einfacher Zugang zu molekularen und polymeren Push-pull-Chromophoren. <i>Angewandte Chemie</i> , 2018, 130, 3612-3638.	1.6	20
49	Antibacterial Polymeric Films Fabricated by [2+2] Cycloaddition-Retroelectrocyclization and Ag ⁺ Ion Coordination. <i>Macromolecular Bioscience</i> , 2018, 18, 1800336.	2.1	6
50	Rational design strategies for electron-deficient semiconducting polymers in ambipolar/n-channel organic transistors and all-polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10390-10410.	2.7	52
51	Catecholamine Detection Using a Functionalized Poly(<i>l</i> -dopa)-Coated Gate Field-Effect Transistor. <i>ACS Omega</i> , 2018, 3, 6719-6727.	1.6	5
52	Perovskite solar cells based on hole-transporting conjugated polymers by direct arylation polycondensation. <i>MRS Communications</i> , 2018, 8, 1244-1253.	0.8	10
53	Well-designed dopamine-imprinted polymer interface for selective and quantitative dopamine detection among catecholamines using a potentiometric biosensor. <i>Biosensors and Bioelectronics</i> , 2018, 117, 810-817.	5.3	45
54	Highly-stable, green-solvent-processable organic thin-film transistors: angular- vs. linear-shaped carbazodioxazine derivatives. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5865-5876.	2.7	13

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55	Functional Covalent Layer-by-Layer Thin Films by [2 + 2] Cycloadditionâ€“Retroelectrocyclization. ACS Macro Letters, 2018, 7, 716-719.	2.3	11
56	Naphthodithiophenediimideâ€“Benzobisthiadiazole-Based Polymers: Versatile n-Type Materials for Field-Effect Transistors and Thermoelectric Devices. Macromolecules, 2017, 50, 857-864.	2.2	145
57	Controlling photophysical properties of ultrasmall conjugated polymer nanoparticles through polymer chain packing. Nature Communications, 2017, 8, 15256.	5.8	48
58	Polymeric Chemosensors: A Conventional Platform with New Click Chemistry. Bulletin of the Chemical Society of Japan, 2017, 90, 1388-1400.	2.0	35
59	Organic Transistors: D-A1-D-A2 Backbone Strategy for Benzobisthiadiazole Based n-Channel Organic Transistors: Clarifying the Selenium-Substitution Effect on the Molecular Packing and Charge		

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73	Thermal degradation of some ferrocene-containing poly(aryleneethynylene)s. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 120, 399-408.	2.6	10
74	Benzothiadiazole and its π -extended, heteroannulated derivatives: useful acceptor building blocks for high-performance donor-acceptor polymers in organic electronics. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6200-6214.	2.7	179
75	Sequentially Different AB Diblock and ABA Triblock Copolymers as P3HT:PCBM Interfacial Compatibilizers for Bulk-Heterojunction Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5484-5492.	4.0	34
76	Cross-linking and postfunctionalization of polymer films by utilizing the orthogonal reactivity of 7,7,8,8-tetracyanoquinodimethane. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 2288-2291.	1.3	9
77	Syntheses and Functionalities of Novel Polymeric Fiber Materials. <i>Journal of Fiber Science and Technology</i> , 2016, 72, P-333-P-334.	0.0	0
78	Bulk-Heterojunction Organic Solar Cells Based on Benzobisthiadiazole Semiconducting Polymers. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2015, 28, 385-391.	0.1	9
79	Efficient Synthesis and Photosensitizer Performance of Nonplanar Organic Donor-acceptor Molecules. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 5856-5866.	0.9	9
80	Synthesis and photovoltaic properties of thieno[3,4- <i>b</i>]pyrazine or dithieno[3,2- <i>b</i> :3,4- <i>c</i> :5,6]benzo[1,2- <i>d</i>]imidazole-containing conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1067-1075.	2.5	9
81	Click Functionalization of Aromatic Polymers for Organic Electronic Device Applications. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1387-1395.	1.1	25
82	High-performance triazole-containing brush polymers via azide-alkyne click chemistry: a new functional polymer platform for electrical memory devices. <i>NPG Asia Materials</i> , 2015, 7, e228-e228.	3.8	40
83	New Semiconducting Polymers Based on Benzobisthiadiazole Analogues: Tuning of Charge Polarity in Thin Film Transistors via Heteroatom Substitution. <i>Macromolecules</i> , 2015, 48, 4012-4023.	2.2	54
84	Reversible Transformation of a One-Handed Helical Foldamer Utilizing a Planarity-Switchable Spacer and C ₂ -Chiral Spirobifluorene Units. <i>ACS Macro Letters</i> , 2015, 4, 462-466.	2.3	19
85	Benzobisthiadiazole-based conjugated donor-acceptor polymers for organic thin film transistors: effects of π -conjugated bridges on ambipolar transport. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1196-1207.	2.7	48
86	All-Polymer Solar Cells Based on Organometallic Polymers. <i>Green Chemistry and Sustainable Technology</i> , 2015, , 115-135.	0.4	0
87	New Fullerene-Based Polymers and Their Electrical Memory Characteristics. <i>Macromolecules</i> , 2014, 47, 8154-8163.	2.2	35
88	Novel design of organic donor-acceptor dyes without carboxylic acid anchoring groups for dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3367.	2.7	56
89	Digital Memory Versatility of Fully π -Conjugated Donor-acceptor Hybrid Polymers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8415-8425.	4.0	50
90	Sequence-Regulated Linear Polymers with Ion-Sensing Charge-Transfer Chromophores by the Multiple Click Approach. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1485-1490.	1.1	14

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91	Stepwise Syntheses of 3,6-Carbazole-Based Conjugated Oligomers. <i>Heterocycles</i> , 2014, 89, 2346.	0.4	2
92	Structural Requirements for Producing Solvent-Free Room Temperature Liquid Fullerenes. <i>Langmuir</i> , 2013, 29, 5337-5344.	1.6	35
93	Attempted Inversion of Semiconducting Features of Platinum Polyyne Polymers: A New Approach for All-Polymer Solar Cells. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1465-1472.	1.1	30
94	Polymeric ion sensors with multiple detection modes achieved by a new type of click chemistry reaction. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2623-2631.	1.3	26
95	Sequential and click-type postfunctionalization of regioregular poly(3-hexylthiophene) for realization of n-doped multiplet state. <i>Chemical Science</i> , 2013, 4, 345-350.	3.7	17
96	Click Synthesis of Polymeric Ion Sensors. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2013, 71, 149-157.	0.0	2
97	Emergence of Colorimetric Chemosensor Ability of Metal Ions in TCNQ Polyester by Postfunctionalization. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2012, 25, 267-270.	0.1	11
98	Macromol. Chem. Phys. 20/2012. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2113-2113.	1.1	0
99	Multi-coloration of polyurethane derivatives through click postfunctionalization, electrochemical oxidation, and Ag ⁺ ion complexation. <i>Journal of Materials Chemistry</i> , 2012, 22, 9513.	6.7	21
100	Synthesis and Postfunctionalization of Rod-Coil Diblock and Coil-Rod-Coil Triblock Copolymers Composed of Poly(3-hexylthiophene) and Poly(4-(4-dihexylaminophenylethynyl)styrene) Segments. <i>Macromolecules</i> , 2012, 45, 9643-9656.	2.2	45
101	Colorimetric sensing of cations and anions by clicked polystyrenes bearing side chain donor-acceptor chromophores. <i>Polymer Chemistry</i> , 2012, 3, 1996.	1.9	33
102	Construction of Donor-Acceptor Chromophores in Platinum Polyyne Polymer by [2 + 2] Cycloaddition of Organic Acceptors. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2114-2119.	1.1	17
103	Click synthesis and reversible electrochromic behaviors of novel polystyrenes bearing aromatic amine units. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2111-2120.	2.5	17
104	Effects of click postfunctionalization on thermal stability and field effect transistor performances of aromatic polyamines. <i>Polymer Chemistry</i> , 2012, 3, 1427.	1.9	26
105	Postfunctionalization of aromatic polyamine by [2+2] cycloaddition of 7,7,8,8-tetracyanoquinodimethane with side chain alkynes. <i>Polymer Bulletin</i> , 2012, 69, 137-147.	1.7	15
106	Synthesis and Photovoltaic Properties of 1,8-Carbazole-Based Donor-Acceptor Type Conjugated Polymers. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 447-457.	1.1	12
107	Photochromism of Azopyridine Side Chain Polymer Controlled by Supramolecular Self-Assembly. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011, 48, 625-631.	1.2	10
108	Langmuir monolayers of a cholesterol-armed cyclen complex that can control enantioselectivity of amino acid recognition by surface pressure. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 4895.	1.3	62

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109	Twist Angle Plays an Important Role in Photophysical Properties of a Donor–Acceptor-Type Conjugated Polymer: A Combined Ensemble and Single-Molecule Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 14404-14415.	1.2	35
110	Electrical Memory Characteristics of Nitrogen-Linked Poly(2,7-carbazole)s. <i>Journal of Physical Chemistry C</i> , 2011, 115, 21954-21962.	1.5	33
111	Photochemical control of a highly efficient addition reaction between electron-rich alkynes and tetracyanoethylene. <i>Chemical Communications</i> , 2011, 47, 9819.	2.2	33
112	Adapting semiconducting polymer doping techniques to create new types of click postfunctionalization. <i>Chemical Society Reviews</i> , 2011, 40, 2306.	18.7	111
113	Creation of persistent charge-transfer interactions in TCNQ polyester. <i>Polymer Journal</i> , 2011, 43, 364-369.	1.3	31
114	Click synthesis and adhesive properties of novel biomass-based polymers from lignin-derived stable metabolic intermediate. <i>Polymer Journal</i> , 2011, 43, 648-653.	1.3	23
115	Photochromic Behaviors of N-Isopropylacrylamide Copolymers Containing Azopyridine-Dyes. <i>Kobunshi Ronbunshu</i> , 2011, 68, 195-197.	0.2	2
116	Oxygen Permeability Change of Polyphenylacetylene Derivatives by Postfunctional TCNE Addition. <i>Chemistry Letters</i> , 2011, 40, 570-572.	0.7	15
117	Liquid Crystallinity and Organogelation Behavior of Lignin-Derived Metabolic Intermediate Bearing Cholesterol Groups. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 667-674.	2.0	7
118	F4TCNQ Doping of P3HT:PCBM Photovoltaic Devices. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2011, 24, 311-315.	0.1	7
119	Simultaneous Formation of Donor-acceptor Chromophores and Cross-linking for Electro-optic Polymer Materials. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2011, 24, 305-309.	0.1	11
120	Multicolor emission and thin film transistor properties of 1,8-diethynylcarbazole-based conjugated copolymers. <i>Polymer</i> , 2011, 52, 5756-5763.	1.8	15
121	One-step synthesis of ladder-type fused poly(benzopentalene) derivatives with tunable energy levels by variable substituents. <i>Journal of Polymer Science Part A</i> , 2011, 49, 72-81.	2.5	46
122	Energy level tuning of polythiophene derivative by click chemistry-type postfunctionalization of side-chain alkynes. <i>Journal of Polymer Science Part A</i> , 2011, 49, 225-233.	2.5	35
123	Microwave-assisted TCNE/TCNQ addition to poly(thienyleneethynylene) derivative for construction of donor–acceptor chromophores. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1013-1020.	2.5	36
124	High-yielding Alkyne–Tetracyanoethylene Addition Reactions: A Powerful Tool for Analyzing Alkyne-Linked Conjugated Polymer Structures. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1758-1766.	1.1	25
125	Application of Alkyne–TCNQ Addition Reaction to Polymerization. <i>Macromolecular Rapid Communications</i> , 2011, 32, 644-648.	2.0	25
126	A Novel Polymeric Chemosensor: Dual Colorimetric Detection of Metal Ions Through Click Synthesis. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1804-1808.	2.0	38

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127	Macromol. Rapid Commun. 22/2011. Macromolecular Rapid Communications, 2011, 32, 1855-1855.	2.0	1
128	Origin of Second-Order Nonlinear Optical Effects of Nonpoled Donor-Acceptor Chromophores on Surface. Japanese Journal of Applied Physics, 2011, 50, 09MA06.	0.8	1
129	Origin of Second-Order Nonlinear Optical Effects of Nonpoled Donor-Acceptor Chromophores on Surface. Japanese Journal of Applied Physics, 2011, 50, 09MA06.	0.8	0
130	Efficient Synthesis of Block Copolymers Bearing Donor-Acceptor Chromophores for Second-Order Nonlinear Optical Applications. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2010, 23, 337-342.	0.1	17
131	Blue, Green, and Red Light Emission of 1,8-Carbazole-based Conjugated Polymers. Chemistry Letters, 2010, 39, 168-169.	0.7	14
132	Organogels of Lignin-derived Stable Metabolic Intermediate, 2-Pyrone-4,6-dicarboxylic Acid (PDC), Bearing Cholesteryl Groups. Chemistry Letters, 2010, 39, 400-401.	0.7	9
133	Two-dimensionally extended organic high-spin poly(aminium cationic radical)s and their magnetic force microscopic images. Polymer Journal, 2010, 42, 575-582.	1.3	21
134	Synthesis and Characterization of Hybrid Biopolymers of L-lactic Acid and 2-Pyrone-4,6-dicarboxylic Acid. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 564-570.	1.2	14
135	Postfunctionalization of Alkyne-Linked Conjugated Carbazole Polymer by Thermal Addition Reaction of Tetracyanoethylene. Materials, 2010, 3, 4773-4783.	1.3	23
136	Click synthesis of donor-acceptor-type aromatic polymers. Pure and Applied Chemistry, 2010, 82, 1001-1009.	0.9	55
137	Double Click Synthesis and Second-Order Nonlinearities of Polystyrenes Bearing Donor-Acceptor Chromophores. Macromolecules, 2010, 43, 5277-5286.	2.2	80
138	Sequential double click reactions: a highly efficient post-functionalization method for optoelectronic polymers. Polymer Chemistry, 2010, 1, 72-74.	1.9	54
139	The Simplest Layer-by-Layer Assembly Structure: Best Paired Polymer Electrolytes with One Charge per Main Chain Carbon Atom for Multilayered Thin Films. Macromolecules, 2010, 43, 3947-3955.	2.2	43
140	Synthesis and Properties of 1,8-Carbazole-Based Conjugated Copolymers. Polymers, 2010, 2, 159-173.	2.0	29
141	Synthesis and properties of nitrogen-linked poly(2,7-carbazole)s as hole-transport material for organic light emitting diodes. Journal of Polymer Science Part A, 2009, 47, 3880-3891.	2.5	38
142	Two-dimensionally extended aromatic polyamines for optimization of charge-transporting properties by partial oxidation. Journal of Polymer Science Part A, 2009, 47, 4577-4586.	2.5	13
143	All-optical high-speed signal processing with silicon-organic hybrid slot waveguides. Nature Photonics, 2009, 3, 216-219.	15.6	777
144	Fusible, Elastic, and Biodegradable Polyesters of 2-Pyrone-4,6-Dicarboxylic Acid (PDC). Polymer Journal, 2009, 41, 1111-1116.	1.3	30

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145	Mechanical Properties of Poly(L-Lactide) Films Controlled by Blending with Polyesters of Lignin-Derived Stable Metabolic Intermediate, 2-Pyrone-4,6-Dicarboxylic Acid (PDC). <i>Polymer Journal</i> , 2009, 41, 843-848.	1.3	21
146	One-Step Synthesis of Donor-Acceptor type Conjugated Polymers from Ferrocene-Containing Poly(aryleneethynylene)s. <i>Macromolecules</i> , 2009, 42, 5903-5905.	2.2	72
147	Supramolecular Shape Shifter: Polymorphs of Self-Organized Fullerene Assemblies. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 550-556.	0.9	13
148	Intramolecular Through-Space Antiferromagnetic Interactions of Cross-Conjugated Aromatic Polyaminium Radical Gels. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 514-521.	0.9	5
149	Synthesis and Properties of Conjugated Poly(1,8-carbazole)s. <i>Macromolecules</i> , 2009, 42, 8172-8180.	2.2	54
150	A High-Optical Quality Supramolecular Assembly for Third-Order Nonlinear Optics. , 2009, , .		0
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