

Tomokazu Iyoda

List of Publications by Year in descending order

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papers

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61984

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210
docs citations

210
times ranked

6033
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-template-assisted micro-phase segregation in blended liquid-crystalline block copolymers films toward three-dimensional structures. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21070-21078.	7.1	7
2	Helical micromotor operating under stationary DC electrostatic field. Journal of Chemical Physics, 2019, 150, 014901.	3.0	17
3	Terahertz emission from gold nanorods irradiated by ultrashort laser pulses of different wavelengths. Scientific Reports, 2019, 9, 3280.	3.3	31
4	Expression of various polarization effects by using Spirulina-templated metal $\frac{1}{4}$ coils at the terahertz frequency region. Japanese Journal of Applied Physics, 2019, 58, 032007.	1.5	3
5	Micro Helical Antenna Made From Biological Algae Spirulina. , 2019, , .		0
6	Synthesis of well-defined block copolymer composed of flexible amphiphilic poly(ethylene glycol) and hydrophobic liquid crystalline segments by living coordination polymerization of allene derivatives and its application to thin film with perpendicularly oriented cylindrical nanostructure. Journal of Polymer Science Part A, 2019, 57, E1.	2.3	3
7	Excited State Behavior of Single Strand and Bulk P3HT in Contact with a Au-Nanowire Array. Journal of Physical Chemistry C, 2018, 122, 7925-7933.	3.1	1
8	Electrostatic Repulsion-Induced Desorption of Dendritic Viologen-Arranged Molecules Anchored on a Gold Surface through a Gold-Thiolate Bond Leading to a Tunable Molecular Template. Langmuir, 2018, 34, 6420-6427.	3.5	1
9	Nanoporous Films with Sub-10 nm in Pore Size from Acid-Cleavable Block Copolymers. Macromolecular Rapid Communications, 2017, 38, 1600662.	3.9	12
10	Effects of electrolytes on redox potentials through ion pairing. Journal of Electroanalytical Chemistry, 2017, 804, 107-115.	3.8	20
11	Spherical Compound Micelles with Lamellar Stripes Self-Assembled from Star Liquid Crystalline Diblock Copolymers in Solution. Macromolecular Chemistry and Physics, 2017, 218, 1700148.	2.2	10
12	Engineered Asymmetric Composite Membranes with Rectifying Properties. Advanced Materials, 2016, 28, 757-763.	21.0	31
13	On the Lewis base-promoted alkynylation of electron-deficient fluorobenzenes with trimethylsilylacetylenes. Tetrahedron Letters, 2016, 57, 1921-1924.	1.4	4
14	Weak visible light ($\frac{1}{4}$ mW/cm ²) organophotocatalysis for mineralization of amine, thiol and aldehyde by biphasic cobalt phthalocyanine/fullerene nanocomposites prepared by wet process. Applied Catalysis B: Environmental, 2016, 193, 240-247.	20.2	29
15	Synthesis of Multiarmed Thienylene-Tetrafluorophenylene Alternating Copolymers under Transition-Metal-Free Conditions. Macromolecules, 2016, 49, 6761-6767.	4.8	2
16	Polydimethylsiloxane-assisted alignment transition from perpendicular to parallel of cylindrical microdomains in block copolymer films. RSC Advances, 2016, 6, 93298-93302.	3.6	7
17	Slowing the translocation of single-stranded DNA by using nano-cylindrical passage self-assembled by amphiphilic block copolymers. Nanoscale, 2016, 8, 18270-18276.	5.6	13
18	Transition-metal-free controlled polymerization of 2-polyfluorophenyl-5-trimethylsilylthiophenes: the substituent impact of fluorine. Polymer Chemistry, 2016, 7, 7116-7125.	3.9	4

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19	Amphiphilic liquid-crystalline 4- μ arm star copolymers with a siloxane junction leading to cylindrically nanostructured templates for a siloxane-based nanodot array. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1175-1188.	2.3	4
20	Generation Dependent Ultrafast Charge Separation and Recombination in a Pyrene-Viologen Family of Dendrons. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4286-4295.	2.6	9
21	Ordered mesoporous crystalline titania with high thermal stability from comb-like liquid crystal block copolymers. <i>RSC Advances</i> , 2016, 6, 55834-55841.	3.6	13
22	A fast controlled synthesis of poly(p-phenyleneethynylene)s under transition-metal-free conditions. <i>Polymer Chemistry</i> , 2016, 7, 2323-2328.	3.9	3
23	Title is missing!. <i>Electrochemistry</i> , 2016, 84, 715-720.	1.4	1
24	Metal nanodot arrays fabricated via seed-mediated electroless plating with block copolymer thin film scaffolding. <i>Nanotechnology</i> , 2015, 26, 395302.	2.6	3
25	Synthesis and microphase-separated nanostructures of P4VP-based amphiphilic liquid-crystalline block copolymer. <i>Polymer Journal</i> , 2015, 47, 571-575.	2.7	2
26	Longitudinal and Lateral Integration of Conducting Polymer Nanowire Arrays via Block-Copolymer-Templated Electropolymerization. <i>Chemistry of Materials</i> , 2015, 27, 4972-4982.	6.7	16
27	Control of Air-Interface-Induced Perpendicular Nanocylinder Orientation in Liquid Crystal Block Copolymer Films by a Surface-Covering Method. <i>Macromolecules</i> , 2015, 48, 672-678.	4.8	46
28	Synthesis and self-assembly of phthalocyanine-tethered block copolymers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2484-2490.	5.5	20
29	Conical Gradient Junctions of Dendritic Viologen Arrays on Electrodes. <i>Scientific Reports</i> , 2015, 5, 11122.	3.3	8
30	Transition-metal-free controlled polymerization for poly(p-aryleneethynylene)s. <i>Chemical Science</i> , 2015, 6, 492-496.	7.4	20
31	Microwave-Assisted Synthesis of Dendritic Viologen-Arranged Molecules with an γ -Mercaptoalkyl Group and Their Self-Assembled Monolayers Complexed with Various Anions. <i>Macromolecules</i> , 2015, 48, 8090-8097.	4.8	11
32	Linear assembly of a porphyrin- C_{60} complex confined in vertical nanocylinders of amphiphilic block copolymer films. <i>Chemical Communications</i> , 2015, 51, 1685-1688.	4.1	5
33	Directed self-assembly of nematic liquid crystalline polymers on a rubbed polyimide alignment layer. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 06JC04.	1.5	5
34	Surface-Assisted Unidirectional Orientation of ZnO Nanorods Hybridized with Nematic Liquid Crystals. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 811-818.	8.0	14
35	Enormously Wide Range Cylinder Phase of Liquid Crystalline PEO- <i>b</i> -PMA(Az) Block Copolymer. <i>Macromolecules</i> , 2014, 47, 1777-1782.	4.8	49
36	Single-molecule electroluminescence and photoluminescence of polyfluorene unveils the photophysics behind the green emission band. <i>Nature Communications</i> , 2014, 5, 4666.	12.8	62

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37	Transition-Metal-Free Controlled Polymerization of 2-Perfluoroaryl-5-trimethylsilylthiophenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 10238-10241.	13.7	29
38	Terminal defined chain-growth polycondensation of 4-chloropyridine. <i>Polymer</i> , 2014, 55, 3454-3457.	3.8	5
39	Biotemplating Process for 3D Structured Materials. <i>Nippon Gomu Kyokaishi</i> , 2014, 87, 140-145.	0.0	4
40	Spirulina-Templated Metal Microcoils with Controlled Helical Structures for THz Electromagnetic Responses. <i>Scientific Reports</i> , 2014, 4, 4919.	3.3	61
41	Orientation Control of Microphase Separated Nanocylinders in Confined Volume Fabricated by Inkjet Printing. <i>Transactions of the Materials Research Society of Japan</i> , 2014, 39, 165-168.	0.2	0
42	Liquid Crystallinity of Random Copolymers of Polymethacrylates Containing Biphenyl Moieties Synthesized by Atom Transfer Radical Polymerization. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 579, 30-33.	0.9	4
43	Direct Observation of Faceted Grain Growth of Hexagonal Cylinder Domains in a Side Chain Liquid Crystalline Block Copolymer Matrix. <i>Macromolecules</i> , 2013, 46, 9013-9020.	4.8	32
44	Conjugated Polymer Chains Confined in Vertical Nanocylinders of a Block Copolymer Film: Preparation, Characterization, and Optoelectronic Function. <i>Macromolecular Rapid Communications</i> , 2013, 34, 492-497.	3.9	3
45	Fast Controlled Living Polymerization of Arylisocyanide Initiated by Aromatic Nucleophile Adduct of Nickel Isocyanide Complex. <i>ACS Macro Letters</i> , 2013, 2, 906-911.	4.8	37
46	Multilayerization of Organophotocatalyst Films that Efficiently Utilize Natural Sunlight in a One-Pass-Flow Water Purification System. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1033-1039.	6.7	15
47	Surface-enhanced Raman Scattering (SERS) Effect of Hexagonally Arranged Gold Nanoparticle Array with 29-nm Particles and 23-nm Gaps Using Liquid-crystalline Block-copolymer Template. <i>Chemistry Letters</i> , 2013, 42, 71-73.	1.3	11
48	Hexagonally Arranged Nanopore Film Fabricated via Selective Etching by 172-nm Vacuum Ultraviolet Light Irradiation. <i>Fusion Science and Technology</i> , 2013, 63, 257-264.	1.1	1
49	Novel Catalysts of Au/SiO ₂ Hybrid Nanorod Arrays for the Direct Formation of Hydrogen Peroxide. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 489-493.	2.3	13
50	Hexagonally Arrayed 17 nm Interpenetrating and Continuous Biphasic Structure via Block-Copolymer-Templating Process. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 076704.	1.5	0
51	Perpendicularly Oriented Cylinder Nanostructure of Liquid Crystalline Block Copolymer Film on Si Substrate with Various Surface Wettability. <i>Chemistry Letters</i> , 2012, 41, 110-112.	1.3	18
52	Ultrahigh density electrolytic nanoreactors composed of liquid crystalline block copolymer template: water-electrolysis-induced deposition of cerium oxyhydroxide nanorod array. <i>Journal of Materials Chemistry</i> , 2012, 22, 9477.	6.7	18
53	Selective deposition on block copolymer film by thermal evaporation of silver. <i>Surface and Coatings Technology</i> , 2012, 206, 4634-4638.	4.8	7
54	Photocatalytic decomposition of N-methyl-2-pyrrolidone, aldehydes, and thiol by biphasic and p/n junction-like organic semiconductor composite nanoparticles responsive to nearly full spectrum of visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 244, 18-23.	3.9	28

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55	Site-Selective Self-Assembly of Fullerene Nanoparticles on Amphiphilic Block Copolymer Thin Film from Water Suspension. Japanese Journal of Applied Physics, 2012, 51, 070201.	1.5	2
56	Photoelectrode Characteristics of Partially Hydrolyzed Aluminum Phthalocyanine Chloride/Fullerene C60 Composite Nanoparticles Working in a Water Phase. Molecules, 2012, 17, 10801-10815.	3.8	5
57	Large-area Fabrication of Free-Standing Thick Membrane with Microphase-Separated Cylindrical Nanostructure. Transactions of the Materials Research Society of Japan, 2012, 37, 409-412.	0.2	6
58	Site-Selective Self-Assembly of Fullerene Nanoparticles on Amphiphilic Block Copolymer Thin Film from Water Suspension. Japanese Journal of Applied Physics, 2012, 51, 070201.	1.5	4
59	Hexagonally Arrayed 17 nm Interpenetrating and Continuous Biphasic Structure via Block-Copolymer-Templating Process. Japanese Journal of Applied Physics, 2012, 51, 076704.	1.5	4
60	Perpendicularly Oriented SiO ₂ Nanopillar Array on SiO ₂ Adhesive Layer. Transactions of the Materials Research Society of Japan, 2012, 37, 421-424.	0.2	0
61	Solvent induced formation of an ordered nanorod array of gold/polymer composite by block copolymer film templating. Nanotechnology, 2011, 22, 335301.	2.6	12
62	Normally Oriented Cylindrical Nanostructures in Amphiphilic PEO-b-PLGA Diblock Copolymers Films. Macromolecules, 2011, 44, 7645-7658.	4.8	93
63	Photoelectrochemical and Photocatalytic Properties of Biphasic Organic p- and n-Type Semiconductor Nanoparticles Fabricated by a Reprecipitation Process. ACS Applied Materials & Interfaces, 2011, 3, 1902-1909.	8.0	34
64	Polypyrrole Nanowire Array with High Aspect Ratio Fabricated by Block-Copolymer-Templated Electropolymerization. Materials Research Society Symposia Proceedings, 2011, 1312, 1.	0.1	2
65	Monolithic and Low-Density (50 mg/cm^3) Metal Oxides Fabricated Using Electrospinning: Vanadium Oxide and Copper Oxide Examples. Fusion Science and Technology, 2011, 59, 216-220.	1.1	5
66	Block Copolymer Permeable Membrane with Visualized High-Density Straight Channels of Poly(ethylene Terephthalate) Overlaid on a Substrate. Journal of Membrane Science, 2011, 380, 149-159.	14.9	49
67	Fabrication of Left-Handed Metal Microcoil from Spiral Vessel of Vascular Plant. Advanced Materials, 2011, 23, 5509-5513.	21.0	75
68	Left-Handed Metal Microcoil: Fabrication of Left-Handed Metal Microcoil from Spiral Vessel of Vascular Plant (Adv. Mater. 46/2011). Advanced Materials, 2011, 23, 5508-5508.	21.0	0
69	Microphase-separated block copolymer film anchored on ITO substrate with newly designed self-assembled monolayer. Materials Research Society Symposia Proceedings, 2011, 1302, 8001.	0.1	0
70	Nanostructure Dependent Surface Energy of Silica Nanorod Arrays through Block Copolymer Templating Processes. Materials Research Society Symposia Proceedings, 2011, 1312, 1.	0.1	0
71	Self-organized formation and self-repair of a two-dimensional nanoarray of Ge quantum dots epitaxially grown on ultrathin SiO ₂ -covered Si substrates. Nanotechnology, 2010, 21, 109803-109803.	2.6	1
72	A Simple and Convenient Method to Fabricate Hexagonally Ordered Gold Nanoparticle Arrays Using Diblock Copolymer Micelle Template. Chemistry Letters, 2010, 39, 902-904.	1.3	7

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73	Phase-selective staining of metal salt for scanning electron microscopy imaging of block copolymer film. <i>Ultramicroscopy</i> , 2010, 110, 1338-1342.	1.9	8
74	Self-organized formation and self-repair of a two-dimensional nanoarray of Ge quantum dots epitaxially grown on ultrathin SiO ₂ -covered Si substrates. <i>Nanotechnology</i> , 2010, 21, 095305.	2.6	58
75	Thermal Nanoimprint of a Polystyrene and Poly(4-vinylpyridine) Double-Layer Thin Film and Visualization Determination of Its Internal Structure by Transmission Electron Microscopy. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 06FH12.	1.5	1
76	Nanohole Arrays Fabricated on Gold Surfaces by Total Wet Nanopatterning through Block Copolymer Masks. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 06FE08.	1.5	6
77	Supramolecular Framework Based on Pyridinodiketone Ligand via Non-classic Hydrogen Bonding. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 124-132.	3.7	11
78	Effect of Recording Time on Grating Formation and Enhancement in an Amphiphilic Diblock Liquid-Crystalline Copolymer. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 498, 29-39.	0.9	13
79	Nanostructured Titanium Oxide Fabricated via Block Copolymer Template. <i>Electrochemistry</i> , 2009, 77, 214-218.	1.4	6
80	Laboratory-GISAXS Measurements of Block Copolymer Films with Highly Ordered and Normally Oriented Nanocylinders. <i>Chemistry Letters</i> , 2009, 38, 408-409.	1.3	27
81	Tailored Ag nanoparticle array fabricated by block copolymer photolithography. <i>Thin Solid Films</i> , 2008, 516, 2577-2581.	1.8	34
82	Nanodimple Arrays Fabricated on SiO ₂ Surfaces by Wet Etching through Block Copolymer Thin Films. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 5039-5041.	1.5	12
83	Smart block copolymer masks with molecule-transport channels for total wet nanopatterning. <i>Journal of Materials Chemistry</i> , 2008, 18, 5482.	6.7	45
84	Electron and Hole Transport To Trap Groups at the Ends of Conjugated Polyfluorenes. <i>Journal of the American Chemical Society</i> , 2008, 130, 11912-11920.	13.7	77
85	Order-Order and Order-Disorder Transitions in Thin Films of an Amphiphilic Liquid Crystalline Diblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8486-8495.	2.6	49
86	Controlled Homeotropic and Homogeneous Orientations for Nanoscale Phase-separated Domain of Light-emitting Amphiphilic Block Copolymer Bearing a 2,5-Diarylthiazole Moiety. <i>Chemistry Letters</i> , 2008, 37, 272-273.	1.3	15
87	Magnetic property and crystallinity of a Ni-P hollow microfiber affected by immersion in a NaOH aqueous solution. <i>Transactions of the Materials Research Society of Japan</i> , 2008, 33, 153-156.	0.2	0
88	Control of Regular Nanostructures Self-Assembled in an Amphiphilic Diblock Liquid-Crystalline Copolymer. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 478, 271/[1027]-281/[1037].	0.9	8
89	Selective Doping of Lead Ions into Normally Aligned PEO Cylindrical Nanodomains in Amphiphilic Block Copolymer Thin Films. <i>Chemistry Letters</i> , 2007, 36, 978-979.	1.3	23
90	Photoinduced Alignment and Multi-Processes of Refractive-Index Gratings in Pre-Irradiated Films of an Azobenzene-Containing Liquid-Crystalline Polymer. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 470, 71-81.	0.9	7

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91	Stable macroscopic nanocylinder arrays in an amphiphilic diblock liquid-crystalline copolymer with successive hydrogen bonds. <i>Journal of Materials Chemistry</i> , 2007, 17, 3485.	6.7	27
92	AFM Cross-Sectional Imaging of Perpendicularly Oriented Nanocylinder Structures of Microphase-Separated Block Copolymer Films by Crystal-like Cleavage. <i>Macromolecules</i> , 2007, 40, 4106-4108.	4.8	72
93	Reversible Photoswitching of Ferromagnetic FePt Nanoparticles at Room Temperature. <i>Journal of the American Chemical Society</i> , 2007, 129, 5538-5543.	13.7	70
94	Anisotropic Ion Conductivity in Liquid Crystalline Diblock Copolymer Membranes with Perpendicularly Oriented PEO Cylindrical Domains. <i>Macromolecules</i> , 2007, 40, 8125-8128.	4.8	84
95	Site-Specific Recognition of Nanophase-Separated Surfaces of Amphiphilic Block Copolymers by Hydrophilic and Hydrophobic Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1120-1123.	13.8	49
96	Novel Wormlike Nanostructures Self-Assembled in a Well Defined Liquid Crystalline Diblock Copolymer with Azobenzene Moieties. <i>Macromolecular Rapid Communications</i> , 2007, 28, 927-931.	3.9	54
97	Photochromism induced magnetization changes in Prussian Blue ultrathin films fabricated into the Langmuir-Blodgett films composed of an amphiphilic azobenzene and a deoxyribonucleic acid. <i>Thin Solid Films</i> , 2007, 515, 5476-5483.	1.8	7
98	Effect of lithium trifluoromethanesulfonate on the phase diagram of a liquid-crystalline amphiphilic diblock copolymer. <i>Journal of Applied Crystallography</i> , 2007, 40, s585-s589.	4.5	4
99	Photoinduced Nanoscale Cooperative Motion in a Well-Defined Triblock Copolymer. <i>Small</i> , 2007, 3, 768-771.	10.0	63
100	Effect of interface on thermodynamic behavior of liquid crystalline type amphiphilic di-block copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 1354-1364.	2.1	14
101	Micellar structures of block-copolymers with ordered cores in dilute solution as studied by polarized and depolarized light scattering. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 1333-1343.	2.1	13
102	Photoinduced Alignment of Nanocylinders by Supramolecular Cooperative Motions. <i>Journal of the American Chemical Society</i> , 2006, 128, 11010-11011.	13.7	288
103	Photocontrolled Magnetization of CdS-Modified Prussian Blue Nanoparticles. <i>Journal of the American Chemical Society</i> , 2006, 128, 10978-10982.	13.7	40
104	Pd ²⁺ -Promoted Ni ²⁺ /P Electroless Deposition on a Hydrogen-Bonded Molecular Surface of a Supramolecular Fibrous Template. <i>Chemistry of Materials</i> , 2006, 18, 2152-2158.	6.7	33
105	Nanocylinder Array Structures in Block Copolymer Thin Films. , 2006, , 171-223.		3
106	Photocontrol of ζ -Potential of Poly(styrene) Microspheres Prepared by Soap-free Emulsion Copolymerization. <i>Chemistry Letters</i> , 2006, 35, 598-599.	1.3	2
107	Thermally Reversible Structural Transformation Involving a C-H \cdots O Hydrogen Bond in a Supramolecular Crystal. <i>Chemistry Letters</i> , 2006, 35, 1394-1395.	1.3	2
108	Synthesis, Liquid-Crystalline Properties, and Supramolecular Nanostructures of Dendronized Poly(isocyanide)s and Their Precursors. <i>Chemistry - A European Journal</i> , 2006, 12, 584-591.	3.3	24

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109	Novel Amphiphilic Diblock and Triblock Liquid-Crystalline Copolymers with Well-Defined Structures Prepared by Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1594-1598.	3.9	63
110	Photoresponsive Behavior and Photochemical Phase Transition of Amphiphilic Diblock Liquid-Crystalline Copolymer. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 443, 191-199.	0.9	17
111	Formation Process of Silver ⁺ Polypyrrole Coaxial Nanocables Synthesized by Redox Reaction between AgNO ₃ and Pyrrole in the Presence of Poly(vinylpyrrolidone). <i>Journal of Physical Chemistry B</i> , 2005, 109, 18283-18288.	2.6	131
112	Electrochemical Synthesis of Pyridinium-Conjugated Assembly based on Nucleophilic Substitution of Pyrene/Perylene π -Radical Cation. <i>Electrochemistry</i> , 2004, 72, 171-174.	1.4	5
113	Selective Ni ²⁺ /P Electroless Plating on Photopatterned Cationic Adsorption Films Influenced by Alkyl Chain Lengths of Polyelectrolyte Adsorbates and Additive Surfactants. <i>Langmuir</i> , 2004, 20, 9844-9851.	3.5	17
114	Helical, Chiral Polyisocyanides Bearing Ferrocenyl Groups as Pendants: Synthesis and Properties. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4349-4352.	13.8	65
115	Densely grafted polyisocyanides synthesized by two types of polymerization techniques. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1871-1880.	2.3	8
116	Photocrosslinkable liquid-crystalline block copolymers with coumarin units synthesized with atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2197-2206.	2.3	36
117	Photoinduced Polar Transition of Substrate Surfaces by Photodegradable Cationic Adsorbate Monolayers. <i>Langmuir</i> , 2003, 19, 8769-8776.	3.5	5
118	Photoinduced Electron Transfer from Nitoxide Free Radicals to the Triplet State of C60. <i>Journal of Physical Chemistry A</i> , 2003, 107, 2815-2820.	2.5	9
119	Efficient anodic pyridination of poly(3-hexylthiophene) toward post-functionalization of conjugated polymers. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1779-1784.	2.8	28
120	Synthesis, Nanostructures, and Functionality of Amphiphilic Liquid Crystalline Block Copolymers with Azobenzene Moieties. <i>Macromolecules</i> , 2002, 35, 3739-3747.	4.8	382
121	Electrochemical synthesis of a pyridinium-conjugated assembly based on nucleophilic substitution of oligothiophene π -radical cation. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 1135-1140.	1.3	10
122	Electronic structure of light-induced lophyl radical derived from a novel hexaarylbiimidazole with π -conjugated chromophore. <i>Chemical Communications</i> , 2002, , 1484-1485.	4.1	35
123	Novel Synthesis of π -Conjugated Molecules by Cross-Metathesis of Vinylarene and Vinylferrocene with a Schrock Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 705.	4.3	24
124	Cross-metathesis of vinyl aromatic heterocycles: comparison of Grubbs catalyst and Schrock catalyst. <i>Journal of Molecular Catalysis A</i> , 2002, 190, 33-43.	4.8	12
125	Cross-metathesis of vinyl aromatic heterocycles with 1-octene in the presence of a Schrock catalyst. <i>Journal of Molecular Catalysis A</i> , 2002, 190, 45-53.	4.8	13
126	Synthesis of polyisocyanide derived from phenylalanine and its temperature-dependent helical conformation. <i>Journal of Polymer Science Part A</i> , 2002, 40, 399-408.	2.3	19

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127	Anion-Controlled Redox Process in a Cross-linked Polyviologen Film toward Electrochemical Anion Recognition. <i>Langmuir</i> , 2001, 17, 155-163.	3.5	35
128	Amphiphilic Polymer Brushes Grown from the Silicon Surface by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2001, 34, 1837-1844.	4.8	221
129	Photoresponsive Coordination Assembly with a Versatile Logs-Stacking Channel Structure Based on Redox-Active Ligand and Cupric Ion. <i>Journal of the American Chemical Society</i> , 2001, 123, 12105-12106.	13.7	57
130	Crystal Structure and Photo-Reaction of a New Coordination Polymer: [Ni(en) ₂] ₄ [Fe(CN) ₅ NO] ₂ [Fe(CN) ₆] ₄ ·6H ₂ O. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 1617-1622.	3.2	2
131	Selective Synthesis of 1-Aryl-2-ferrocenylethylene by Cross-Metathesis. <i>Chemistry Letters</i> , 2001, 30, 812-813.	1.3	18
132	EPR and Density Functional Studies of Light-Induced Radical Pairs in a Single Crystal of a Hexaarylbiimidazolyl Derivative. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 580-582.	13.8	52
133	Self-Assembly of Uniform Spherical Aggregates of Magnetic Nanoparticles through π - π Interactions. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2135-2138.	13.8	165
134	Intramolecular Magnetic Interaction of Phenylene-Linked Bis- β^2 -diketone Metal Complexes. <i>Chemistry Letters</i> , 2000, 29, 812-813.	1.3	22
135	Tunable molecular magnetism in conjugated assembly of functional spin units. <i>Macromolecular Symposia</i> , 2000, 156, 87-94.	0.7	2
136	Reaction products and the mechanism in the dimerization of 2-methyl-1-alkenes over Lewis acid and Brønsted acid catalysts: anomalous reaction behaviors of 2-methyl-1-alkenes over Re ₂ O ₇ /Al ₂ O ₃ metathesis catalyst. <i>Journal of Molecular Catalysis A</i> , 2000, 158, 533-540.	4.8	3
137	Synthesis of π -conjugated oligo(silylene-vinylene)s by metathesis of divinylsilanes over Re ₂ O ₇ /Al ₂ O ₃ catalyst. <i>Journal of Molecular Catalysis A</i> , 2000, 160, 173-179.	4.8	8
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