

Yoshiki Chujo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1763914/publications.pdf>

Version: 2024-02-01

762
papers

26,995
citations

8755

75
h-index

19749

117
g-index

805
all docs

805
docs citations

805
times ranked

15375
citing authors

#	ARTICLE	IF	CITATIONS
1	Switching between intramolecular charge transfer and excimer emissions in solids based on aryl-modified ethynyl- <i>o</i> -carboranes. Cell Reports Physical Science, 2022, 3, 100758.	5.6	16
2	Controlling the Dual-Emission Character of Aryl-Modified <i>o</i> -Carboranes by Intramolecular CH $\cdots\cdots$ O Interaction Sites. Chemistry - A European Journal, 2022, 28, .	3.3	8
3	Acceleration of Chemiluminescence Reactions with Coumarin-Modified Polyhedral Oligomeric Silsesquioxane. Bulletin of the Chemical Society of Japan, 2022, 95, 743-747.	3.2	0
4	Effects of Regioregularity of π -Conjugated Polymers Composed of Boron π -Diketiminates on Their Stimuli-Responsive Luminescence. Macromolecular Chemistry and Physics, 2022, 223, .	2.2	7
5	Controlling the Dual-Emission Character of Aryl-Modified <i>o</i> -Carboranes by Intramolecular CH $\cdots\cdots$ O Interaction Sites. Chemistry - A European Journal, 2022, 28, e202200758.	3.3	11
6	Recent Progress on Designable Hybrids with Stimuli-Responsive Optical Properties Originating from Molecular Assembly Concerning Polyhedral Oligomeric Silsesquioxane. Chemistry - an Asian Journal, 2022, 17, .	3.3	7
7	Fundamental chemistry and applications of boron complexes having aggregation-induced emission properties. , 2022, , 23-44.		0
8	Regulation of solid-state dual-emission properties by switching luminescence processes based on a bis- <i>o</i> -carborane-modified anthracene triad. Materials Chemistry Frontiers, 2022, 6, 1414-1420.	5.9	18
9	Conformation-Dependent Electron Donation of Nido-Carborane Substituents and Its Influence on Phosphorescence of Tris(2,2'-bipyridyl)ruthenium(II) Complex. Crystals, 2022, 12, 688.	2.2	6
10	Modulation of Properties by Ion Changing Based on Luminescent Ionic Salts Consisting of Spiro(boron ketoiminate). Molecules, 2022, 27, 3438.	3.8	4
11	Enhancement of thermal stability of structural color by the substituent effect in polyhedral oligomeric silsesquioxane in block copolymers. European Polymer Journal, 2022, 175, 111360.	5.4	0
12	Preparation of Near-Infrared Emissive π -Conjugated Polymer Films Based on Boron-Fused Azobenzene Complexes with Perpendicularly Protruded Aryl Substituents. Macromolecular Rapid Communications, 2021, 42, e2000566.	3.9	20
13	Experimental proof for emission annihilation through bond elongation at the carbon-carbon bond in <i>o</i> -carborane with fused biphenyl-substituted compounds. Dalton Transactions, 2021, 50, 1025-1033.	3.3	25
14	Positive Luminescent Sensor for Aerobic Conditions Based on Polyhedral Oligomeric Silsesquioxane Networks. Chemical Research in Chinese Universities, 2021, 37, 162-165.	2.6	4
15	Recent developments in stimuli-responsive luminescent polymers composed of boron compounds. Polymer Chemistry, 2021, 12, 6372-6380.	3.9	19
16	Molecular Designs for Solid-State Luminescent Properties and Recent Progresses on the Development of Functional Luminescent Solid Materials. , 2021, , 309-341.		2
17	The effect of alkyl chain lengths on the red-to-near-infrared emission of boron-fused azomethine conjugated polymers and their film-state stimuli-responsivities. Polymer Chemistry, 2021, 12, 2752-2759.	3.9	16
18	New Idea for Narrowing an Energy Gap by Selective Perturbation of One Frontier Molecular Orbital. Chemistry Letters, 2021, 50, 269-279.	1.3	24

#	ARTICLE	IF	CITATIONS
19	Controlling Energy Gaps of π -Conjugated Polymers by Multi-Fluorinated Boron-Fused Azobenzene Acceptors for Highly Efficient Near-Infrared Emission. <i>Chemistry - an Asian Journal</i> , 2021, 16, 696-703.	3.3	15
20	π -Conjugated Copolymers Composed of Boron Formazanate and Their Application for a Wavelength Converter to Near-Infrared Light. <i>Macromolecules</i> , 2021, 54, 1934-1942.	4.8	19
21	Molecular design and application of luminescent materials composed of group 13 elements with an aggregation-induced emission property. <i>National Science Review</i> , 2021, 8, nwab049.	9.5	26
22	Paintable Hybrids with Thermally Stable Dual Emission Composed of Tetraphenylethene-Integrated POSS and MEH-PPV for Heat-Resistant White-Light Luminophores. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12483-12490.	8.0	11
23	Vapochromic Luminescent π -Conjugated Systems with Reversible Coordination-Number Control of Hypervalent Tin(IV)-Fused Azobenzene Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 7561-7571.	3.3	14
24	Reversible Vapochromic Luminescence Accompanied by Planar Half-Chair Conformational Change of a Propeller-Shaped Boron π -Diketiminato Complex. <i>Chemistry - A European Journal</i> , 2021, 27, 9302-9312.	3.3	10
25	Dimerization-Induced Solid-State Excimer Emission Showing Consecutive Thermochromic Luminescence Based on Acridine-Modified α -Carboranes. <i>Inorganic Chemistry</i> , 2021, 60, 8990-8997.	4.0	25
26	Rational design for thermochromic luminescence in amorphous polystyrene films with bis- α -carborane-substituted enhanced conjugated molecule having aggregation-induced luminochromism. <i>Aggregate</i> , 2021, 2, e93.	9.9	20
27	Modulation of \langle stimuli-responsiveness \rangle toward acid vapor between \langle real-time \rangle and \langle writerase \rangle responses based on conjugated polymers containing azobenzene and Schiff base moieties. <i>Journal of Polymer Science</i> , 2021, 59, 1596-1602.	3.8	7
28	PPV-type π -conjugated polymers based on hypervalent tin(IV)-fused azobenzene complexes showing near-infrared absorption and emission. <i>Polymer Journal</i> , 2021, 53, 1241-1249.	2.7	10
29	The Effect of the Substituent Positions on Self-Assembly Behaviors of Liquid-Crystalline 1,3,4,6,9b-Pentaazaphenylene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1854-1858.	3.2	5
30	Design Strategies and Recent Results for Near-Infrared-Emissive Materials Based on Element-Block π -Conjugated Polymers. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2290-2301.	3.2	20
31	Stimuli-Responsive Self-Assembly of π -Conjugated Liquids Triggers Circularly Polarized Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47127-47133.	8.0	10
32	Discovery of Functional Luminescence Properties Based on Flexible and Bendable Boron-Fused Azomethine/Azobenzene Complexes with O,N-Type Tridentate Ligands. <i>Chemical Record</i> , 2021, 21, 1358-1373.	5.8	20
33	Development of NIR emissive fully-fused bisboron complexes with π -conjugated systems including multiple azo groups. <i>Dalton Transactions</i> , 2021, 51, 74-84.	3.3	15
34	Development of Long Wavelength Light-Absorptive Homopolymers Based on Pentaazaphenylene by Regioselective Oxidative Polymerization. <i>Polymers</i> , 2021, 13, 4021.	4.5	5
35	Synthesis, crystal structure, solid-state optical property and C-H activation of sp^3 carbon of highly-stable 1-(2,6-dimesitylphenyl)-2,3,4,5-tetraphenylborole. <i>New Journal of Chemistry</i> , 2021, 45, 22569-22573.	2.8	4
36	Development of the sensitizer for generating higher-energy photons under diluted condition via the triplet-triplet annihilation-supported upconversion. <i>Dyes and Pigments</i> , 2020, 172, 107821.	3.7	12

#	ARTICLE	IF	CITATIONS
37	Tuning the NIR Absorption Properties of 1,3,4,6,9bâ€Pentaazaphenylene Derivatives Through the Spatially Separated Frontier Molecular Orbitals. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 777-783.	2.4	16
38	Stimuli-responsive luminochromic polymers consisting of multi-state emissive fused boron ketoiminate. <i>Polymer Chemistry</i> , 2020, 11, 1127-1133.	3.9	26
39	Molecular fillers for increasing the refractive index of polystyrene hybrids by chain assembly at polyhedral oligomeric silsesquioxane. <i>Polymer Journal</i> , 2020, 52, 523-528.	2.7	7
40	Facile strategy for obtaining luminescent polymorphs based on the chirality of a boron-fused azomethine complex. <i>Chemical Communications</i> , 2020, 56, 15305-15308.	4.1	20
41	The Design Strategy for an Aggregation- and Crystallization-Induced Emission-Active Molecule Based on the Introduction of Skeletal Distortion by Boron Complexation with a Tridentate Ligand. <i>Crystals</i> , 2020, 10, 615.	2.2	23
42	High Refractive-Index Hybrids Consisting of Water-Soluble Matrices with Bipyridine-Modified Polyhedral Oligomeric Silsesquioxane and Lanthanoid Cations. <i>Polymers</i> , 2020, 12, 1560.	4.5	4
43	Enantioselective Synthesis of Triple Helicenes by Cross-Cyclotrimerization of a Helicenyl Aryne and Alkynes via Dynamic Kinetic Resolution. <i>Journal of the American Chemical Society</i> , 2020, 142, 10025-10033.	13.7	67
44	Synthesis of fully-fused bisboron azomethine complexes and their conjugated polymers with solid-state near-infrared emission. <i>Chemical Communications</i> , 2020, 56, 6575-6578.	4.1	28
45	Near-Infrared Absorptive and Emissive Poly(<i>p</i> -phenylene vinylene) Derivative Containing Azobenzeneâ€Boron Complexes. <i>Macromolecules</i> , 2020, 53, 4524-4532.	4.8	35
46	Photoresponsive polymeric actuator cross-linked by an 8-armed polyhedral oligomeric silsesquioxane. <i>European Polymer Journal</i> , 2020, 134, 109806.	5.4	10
47	Recent Progress in the Development of Solidâ€State Luminescent <i>o</i> -Carboranes with Stimuli Responsivity. <i>Angewandte Chemie</i> , 2020, 132, 9925-9939.	2.0	36
48	Modulation of the solid-state luminescent properties of conjugated polymers by changing the connecting points of flexible boron element blocks. <i>Polymer Journal</i> , 2020, 52, 555-566.	2.7	39
49	Enhancing Lightâ€Absorption and Luminescent Properties of Nonâ€Emissive 1,3,4,6,9bâ€Pentaazaphenylene through Perturbation of Forbidden Electronic Transition by Boron Complexation. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 259-266.	2.7	16
50	Design for multi-step mechanochromic luminescence property by enhancement of environmental sensitivity in a solid-state emissive boron complex. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1781-1788.	5.9	36
51	Recent Progress in the Development of Solidâ€State Luminescent <i>o</i> -Carboranes with Stimuli Responsivity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9841-9855.	13.8	166
52	Oxygen-Resistant Electrochemiluminescence System with Polyhedral Oligomeric Silsesquioxane. <i>Polymers</i> , 2019, 11, 1170.	4.5	6
53	Bulk Acyclic Diene Metathesis Polycondensation. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900223.	2.2	13
54	Stretchable Conductive Hybrid Films Consisting of Cubic Silsesquioxane-capped Polyurethane and Poly(3-hexylthiophene). <i>Polymers</i> , 2019, 11, 1195.	4.5	10

#	ARTICLE	IF	CITATIONS
55	Characterization and Photophysical Properties of a Luminescent Aluminum Hydride Complex Supported by a β -Diketiminato Ligand. <i>Inorganics</i> , 2019, 7, 100.	2.7	19
56	Tuning of Sensitivity in Thermochromic Luminescence by Regulating Molecular Rotation Based on Triphenylamine-Substituted α -Carboranes. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2228-2232.	2.7	26
57	Preparation of bright-emissive hybrid materials based on light-harvesting POSS having radially integrated luminophores and commercial π -conjugated polymers. <i>Materials Chemistry Frontiers</i> , 2019, 3, 314-320.	5.9	12
58	Independently Tuned Frontier Orbital Energy Levels of 1,3,4,6,9b-Pentaazaphenylene Derivatives by the Conjugation Effect. <i>Journal of Organic Chemistry</i> , 2019, 84, 2768-2778.	3.2	17
59	All Donor Electrochromic Polymers Tunable across the Visible Spectrum via Random Copolymerization. <i>Chemistry of Materials</i> , 2019, 31, 6841-6849.	6.7	40
60	Construction of the Luminescent Donor-Acceptor Conjugated Systems Based on Boron-Fused Azomethine Acceptor. <i>Macromolecules</i> , 2019, 52, 3387-3393.	4.8	38
61	Time-Dependent Emission Enhancement of the Ethynylpyrene- α -Carborane Dyad and Its Application as a Luminescent Color Sensor for Evaluating Water Contents in Organic Solvents. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1577-1581.	3.3	30
62	Improvement of Solid-State Excimer Emission of the Aryl-Ethynyl- α -Carborane Skeleton by Acridine Introduction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2984-2988.	2.4	26
63	Near-Infrared Circularly Polarized Luminescence through Intramolecular Excimer Formation of Oligo(π -phenyleneethynylene)-Based Double Helicates. <i>Chemistry - A European Journal</i> , 2019, 25, 9211-9216.	3.3	37
64	Elastic and mechanofluorochromic hybrid films with POSS-capped polyurethane and polyfluorene. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1174-1180.	5.9	28
65	An optical sensor for discriminating the chemical compositions and sizes of plastic particles in water based on water-soluble networks consisting of polyhedral oligomeric silsesquioxane presenting dual-color luminescence. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2690-2695.	5.9	15
66	Concept of Excitation-Driven Boron Complexes and Their Applications for Functional Luminescent Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 7-18.	3.2	85
67	Optical, Electrical and Thermal Properties of Organic-Inorganic Hybrids with Conjugated Polymers Based on POSS Having Heterogeneous Substituents. <i>Polymers</i> , 2019, 11, 44.	4.5	12
68	Unique Substitution Effect at 5,5'-Positions of Fused Azobenzene-Boron Complexes with a N=N π -Conjugated System. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1837-1843.	3.3	21
69	Planar Chiral [2.2]Paracyclophanes: Optical Resolution and Transformation to Optically Active π -Stacked Molecules. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 265-274.	3.2	72
70	Design of Thermochromic Luminescent Dyes Based on the Bis(ortho- α -carborane)-Substituted Benzobithiophene Structure. <i>Chemistry - an Asian Journal</i> , 2019, 14, 789-795.	3.3	22
71	Element-Block Materials: New Concept for the Development of Advanced Hybrids and Inorganic Polymers. , 2019, , 3-25.		1
72	Rational Designs of AIE-Active Molecules and Luminochromic Materials Based on Group 13 Element-Containing Element-Blocks. , 2019, , 27-42.		1

#	ARTICLE	IF	CITATIONS
73	Design of Conjugated Molecules Presenting Short-Wavelength Luminescence by Utilizing Heavier Atoms of the Same Element Group. Chemistry - an Asian Journal, 2018, 13, 1342-1347.	3.3	17
74	A Highly Efficient Near-Infrared-Emissive Copolymer with a N=N Double-Bond π -Conjugated System Based on a Fused Azobenzene-Boron Complex. Angewandte Chemie - International Edition, 2018, 57, 6546-6551.	13.8	87
75	Enhancement of Luminescence Efficiencies by Thermal Rearrangement from <i>ortho</i> -to <i>meta</i> -Carborane in Bis-Carborane-Substituted Acenes. European Journal of Organic Chemistry, 2018, 2018, 1885-1890.	2.4	25
76	Dual emission <i>via</i> remote control of molecular rotation of <i>o</i> -carborane in the excited state by the distant substituents in tolane-modified dyads. New Journal of Chemistry, 2018, 42, 4210-4214.	2.8	25
77	Modulation of luminescence chromic behaviors and environment-responsive intensity changes by substituents in bis- <i>o</i> -carborane-substituted conjugated molecules. Materials Chemistry Frontiers, 2018, 2, 573-579.	5.9	60
78	Modulation of the <i>cis</i> - and <i>trans</i> -Conformations in Bis- <i>o</i> -carborane Substituted Benzodithiophenes and Emission Enhancement Effect on Luminescent Efficiency by Solidification. European Journal of Organic Chemistry, 2018, 2018, 1507-1512.	2.4	28
79	Synthesis of a near-infrared light-absorbing polymer based on thiophene-substituted Aza-BODIPY. Polymer Journal, 2018, 50, 271-275.	2.7	16
80	Synthesis, properties and structure of borafluorene-based conjugated polymers with kinetically and thermodynamically stabilized tetracoordinated boron atoms. Polymer Journal, 2018, 50, 197-202.	2.7	16
81	A Highly Efficient Near-Infrared-Emissive Copolymer with a N=N Double-Bond π -Conjugated System Based on a Fused Azobenzene-Boron Complex. Angewandte Chemie, 2018, 130, 6656-6661.	2.0	20
82	Control of solution and solid-state emission with conjugated polymers based on the boron pyridinoiminate structure by ring fusion. Polymer, 2018, 142, 127-131.	3.8	9
83	Luminescent color tuning with polymer films composed of boron diiminate conjugated copolymers by changing the connection points to comonomers. Polymer Chemistry, 2018, 9, 1942-1946.	3.9	25
84	High Surface Area, Thermally Stable, Hydrophobic, Microporous, Rigid Gels Generated at Ambient from $\text{MeSi}(\text{OEt})_3/(\text{EtO})_3\text{SiCH}_2\text{CH}_2\text{Si}(\text{OEt})_3$ Mixtures by F^+ -Catalyzed Hydrolysis. Chemistry - A European Journal, 2018, 24, 274-280.	3.3	5
85	Recent progress in the development of advanced element-block materials. Polymer Journal, 2018, 50, 109-126.	2.7	121
86	Fluoroalkyl POSS with Dual Functional Groups as a Molecular Filler for Lowering Refractive Indices and Improving Thermomechanical Properties of PMMA. Polymers, 2018, 10, 1332.	4.5	10
87	Electronic chirality inversion of lanthanide complex induced by achiral molecules. Scientific Reports, 2018, 8, 16395.	3.3	22
88	Randomly Distributed Conjugated Polymer Repeat Units for High-Efficiency Photovoltaic Materials with Enhanced Solubility and Processability. ACS Applied Materials & Interfaces, 2018, 10, 44583-44588.	8.0	18
89	Spiral $\text{Eu}(\text{scp})_3$ coordination polymers with circularly polarized luminescence. Chemical Communications, 2018, 54, 10695-10697.	4.1	47
90	Hash-Mark-Shaped Azaacene Tetramers with Axial Chirality. Journal of the American Chemical Society, 2018, 140, 7152-7158.	13.7	32

#	ARTICLE	IF	CITATIONS
91	Pure-color and dual-color emission from BODIPY homopolymers containing the cardo boron structure. <i>Polymer Chemistry</i> , 2018, 9, 3917-3921.	3.9	8
92	Comparison of luminescent properties of helicene-like bibenzothiophenes with o-carborane and 5,6-dicarba-nido-decaborane. <i>Science China Chemistry</i> , 2018, 61, 940-946.	8.2	21
93	Synthesis of enantiopure planar chiral bis(2,2)paracyclophanes. <i>Chirality</i> , 2018, 30, 1109-1114.	2.6	32
94	Control of intramolecular excimer emission in luminophore-integrated ionic POSSs possessing flexible side-chains. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1449-1455.	5.9	27
95	Self-assembly of [Au(CN) ₂] ⁺ Complexes with Tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Letters, 2018, 47, 1010-1013.	1.3	4
96	Synthesis of Optically Active π -Conjugated Molecules Based on Planar Chiral [2.2]Paracyclophane. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2018, 76, 1055-1065.	0.1	1
97	[2.2]Paracyclophane-based single molecular wire consisting of four π -electron systems. <i>Canadian Journal of Chemistry</i> , 2017, 95, 424-431.	1.1	8
98	Extended germa[N]pericyclynines: synthesis and characterization. <i>Dalton Transactions</i> , 2017, 46, 2281-2288.	3.3	10
99	Creative Synthesis of Organic-Inorganic Molecular Hybrid Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 463-474.	3.2	81
100	Synthesis of POSS Derivatives Having Dual Types of Alkyl Substituents and Their Application as a Molecular Filler for Low-Refractive and Highly Durable Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 205-209.	3.2	33
101	Optically Active Phenylethene Dimers Based on Planar Chiral Tetrasubstituted [2.2]Paracyclophane. <i>Chemistry - A European Journal</i> , 2017, 23, 6323-6329.	3.3	50
102	Enhancement and Controlling the Signal of Circularly Polarized Luminescence Based on a Planar Chiral Tetrasubstituted [2.2]Paracyclophane Framework in Aggregation System. <i>Macromolecules</i> , 2017, 50, 1790-1802.	4.8	63
103	Development of highly-sensitive detection system in ¹⁹ F NMR for bioactive compounds based on the assembly of paramagnetic complexes with fluorinated cubic silsesquioxanes. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1389-1393.	3.0	16
104	Advanced functional luminogens in the solid-state: general discussion. <i>Faraday Discussions</i> , 2017, 196, 317-334.	3.2	0
105	New and efficient fluorescent and phosphorescent luminogens: general discussion. <i>Faraday Discussions</i> , 2017, 196, 191-218.	3.2	0
106	Construction and properties of a light-harvesting antenna system for phosphorescent materials based on oligofluorene-tethered Pt(II) porphyrins. <i>RSC Advances</i> , 2017, 7, 10869-10874.	3.6	7
107	Oxygen-Bridged Diphenylnaphthylamine as a Scaffold for Full-Color Circularly Polarized Luminescent Materials. <i>Journal of Organic Chemistry</i> , 2017, 82, 5242-5249.	3.2	60
108	Development of emissive aminopentaazaphenylene derivatives employing a design strategy for obtaining luminescent conjugated molecules by modulating the symmetry of molecular orbitals with substituent effects. <i>Chemical Communications</i> , 2017, 53, 5036-5039.	4.1	18

#	ARTICLE	IF	CITATIONS
109	Arene-Inserted Extended Germa[5]pericyclics: Synthesis, Structure, and Phosphorescence Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 10080-10086.	3.3	8
110	Diaryl-amino- and Diaryl-boryl-Substituted Donor-Acceptor Pyrene Derivatives: Influence of Substitution Pattern on Their Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2017, 82, 5111-5121.	3.2	47
111	Development of the optical sensor for discriminating isomers of fatty acids based on emissive network polymers composed of polyhedral oligomeric silsesquioxane. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3431-3436.	3.0	21
112	Solid-State Emission of the Anthracene-o-Carborane Dyad from the Twisted Intramolecular Charge Transfer in the Crystalline State. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 254-259.	13.8	307
113	Solid-State Emission of the Anthracene-o-Carborane Dyad from the Twisted Intramolecular Charge Transfer in the Crystalline State. <i>Angewandte Chemie</i> , 2017, 129, 260-265.	2.0	71
114	Development of solid-state emissive o-carboranes and theoretical investigation of the mechanism of the aggregation-induced emission behaviors of organoboron π -element-blocks. <i>Faraday Discussions</i> , 2017, 196, 31-42.	3.2	63
115	A Flexible, Fused, Azomethine-Boron Complex: Thermochromic Luminescence and Thermosensitive Behavior in Structural Transitions between Crystalline Polymorphs. <i>Chemistry - A European Journal</i> , 2017, 23, 11827-11833.	3.3	86
116	Design and Luminescence Chromism of Fused Boron Complexes Having Constant Emission Efficiencies in Solution and in the Amorphous and Crystalline States. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5191-5196.	2.4	47
117	Synthesis of furan-substituted aza-BODIPYs having near-infrared emission. <i>Tetrahedron Letters</i> , 2017, 58, 2989-2992.	1.4	22
118	POSS-based molecular fillers for simultaneously enhancing thermal and viscoelasticity of poly(methyl methacrylate) films. <i>Materials Letters</i> , 2017, 203, 62-67.	2.6	29
119	Synthesis of P-stereogenic macrocycles. <i>Heteroatom Chemistry</i> , 2017, 28, e21354.	0.7	5
120	Control of aggregation-induced emission versus fluorescence aggregation-caused quenching by bond existence at a single site in boron pyridinoiminate complexes. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1573-1579.	5.9	113
121	Front Cover: Design and Luminescence Chromism of Fused Boron Complexes Having Constant Emission Efficiencies in Solution and in the Amorphous and Crystalline States (<i>Eur. J. Org. Chem.</i> 35/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5178-5178.	2.4	0
122	Design of bond-cleavage-induced intramolecular charge transfer emission with dibenzoboroles and their application to ratiometric sensors for discriminating chain lengths of alkanes. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2368-2375.	5.9	50
123	Solid-State Thermochromic Luminescence through Twisted Intramolecular Charge Transfer and Excimer Formation of a Carborane-Pyrene Dyad with an Ethynyl Spacer. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1818-1822.	2.7	55
124	Highly-efficient solid-state emissions of anthracene-o-carborane dyads with various substituents and their thermochromic luminescence properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10047-10054.	5.5	96
125	Electron-donating abilities and luminescence properties of tolane-substituted nido-carboranes. <i>New Journal of Chemistry</i> , 2017, 41, 10550-10554.	2.8	39
126	Luminescence Color Tuning from Blue to Near Infrared of Stable Luminescent Solid Materials Based on Bis-o-Carborane-Substituted Oligoacenes. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2134-2138.	3.3	54

#	ARTICLE	IF	CITATIONS
127	A silver($\langle \text{scp} \rangle$)-induced higher-ordered structure based on planar chiral tetrasubstituted [2.2]paracyclophane. Chemical Communications, 2017, 53, 8304-8307.	4.1	35
128	Heat-Resistant Mechanoluminescent Chromism of the Hybrid Molecule Based on Boron Ketoiminate Modified Octasubstituted Polyhedral Oligomeric Silsesquioxane. Chemistry - A European Journal, 2017, 23, 1409-1414.	3.3	54
129	I^{II} -Conjugated polymer-layered structures: synthesis and self-assembly. Polymer Journal, 2017, 49, 203-208.	2.7	8
130	Enhancement of Aggregation-Induced Emission by Introducing Multiple o-Carborane Substitutions into Triphenylamine. Molecules, 2017, 22, 2009.	3.8	45
131	Synthesis of Aggregation-Induced Emission-Active Conjugated Polymers Composed of Group 13 Diiminate Complexes with Tunable Energy Levels via Alteration of Central Element. Polymers, 2017, 9, 68.	4.5	25
132	Development and Applications of Designable Hybrids Based on POSS “Element-Blocks”. Kobunshi Ronbunshu, 2017, 74, 145-161.	0.2	0
133	Synthesis of Optically Active, X-Shaped, Conjugated Compounds and Dendrimers Based on Planar Chiral [2.2]Paracyclophane, Leading to Highly Emissive Circularly Polarized Luminescence. Chemistry - A European Journal, 2016, 22, 2189-2189.	3.3	0
134	Synthesis of Optically Active, X-Shaped, Conjugated Compounds and Dendrimers Based on Planar Chiral [2.2]Paracyclophane, Leading to Highly Emissive Circularly Polarized Luminescence. Chemistry - A European Journal, 2016, 22, 2291-2298.	3.3	79
135	Synthesis of organic-inorganic polymer hybrids utilizing in-situ anionic hydrogen-transfer polymerization of acrylamide. Polymer, 2016, 92, 13-17.	3.8	3
136	Size-discrimination of volatile organic compounds utilizing gallium diiminate by luminescent chromism of crystallization-induced emission via encapsulation-triggered crystal-crystal transition. Journal of Materials Chemistry C, 2016, 4, 5564-5571.	5.5	44
137	Preservation of main-chain conjugation through BODIPY-containing alternating polymers from electronic interactions with side-chain substituents by cardo boron structures. Polymer Chemistry, 2016, 7, 2799-2807.	3.9	25
138	Color tuning of alternating conjugated polymers composed of pentaazaphenylene by modulating their unique electronic structures involving isolated-LUMOs. Polymer Chemistry, 2016, 7, 3674-3680.	3.9	17
139	Modulation of sensitivity to mechanical stimulus in mechanofluorochromic properties by altering substituent positions in solid-state emissive diiodo boron diiminates. Journal of Materials Chemistry C, 2016, 4, 5314-5319.	5.5	73
140	Luminescent Organoboron Element-Blocks Exhibiting AIE Properties. ACS Symposium Series, 2016, , 157-174.	0.5	3
141	The relationship between magneto-optical properties and molecular chirality. NPG Asia Materials, 2016, 8, e251-e251.	7.9	11
142	Remarkably high miscibility of octa-substituted POSS with commodity conjugated polymers and molecular fillers for the improvement of homogeneities of polymer matrices. Polymer Journal, 2016, 48, 1133-1139.	2.7	28
143	Synthesis of Submicrometer Zinc Oxide Particles and Zinc Oxide Nanowires Using Microwave Irradiation. Chemistry Letters, 2016, 45, 508-510.	1.3	7
144	Development of Solid-State Emissive Materials Based on Multifunctional $\langle \text{o} \rangle$ -Carborane-Pyrene Dyads. Organic Letters, 2016, 18, 4064-4067.	4.6	127

#	ARTICLE	IF	CITATIONS
145	Controllable intramolecular interaction of 3D arranged π -conjugated luminophores based on a POSS scaffold, leading to highly thermally-stable and emissive materials. RSC Advances, 2016, 6, 78652-78660.	3.6	26
146	New Types of Planar Chiral [2.2]Paracyclophanes and Construction of One-Handed Double Helices. Chemistry - an Asian Journal, 2016, 11, 2524-2527.	3.3	62
147	Synthesis and Characterization of Ethynylated Germa[4]pericycylene. Chemistry Letters, 2016, 45, 782-784.	1.3	11
148	Polystyrene-Polyhedral Oligomeric Silsesquioxane Core-Shell Element-block Polymer Particles Fabricated via Heterocoagulation Method. Chemistry Letters, 2016, 45, 1168-1170.	1.3	1
149	Tunable Optical Property between Pure Red Luminescence and Dual Emission Depended on the Length of Light-Harvesting Antennae in the Dyads Containing the Cardo Structure of BODIPY and Oligofluorene. Macromolecules, 2016, 49, 8899-8904.	4.8	20
150	Synthesis and Alkali-Metal-Ion Complexation of P-Stereogenic Diphosphacrowns. ChemistryOpen, 2016, 5, 325-330.	1.9	4
151	Macromol. Chem. Phys. 3/2016. Macromolecular Chemistry and Physics, 2016, 217, 520-520.	2.2	0
152	Optically Active Cyclic Compounds Based on Planar Chiral [2.2]Paracyclophane with Naphthalene Units. Asian Journal of Organic Chemistry, 2016, 5, 353-359.	2.7	25
153	Sponge-Type Emissive Chemosensors for the Protein Detection Based on Boron Ketoiminate-Modifying Hydrogels with Aggregation-Induced Blueshift Emission Property. Macromolecular Chemistry and Physics, 2016, 217, 414-421.	2.2	47
154	Synthesis and properties of highly-rigid conjugation system based on bi(benzo[b]thiophene)-fused o-carborane. Tetrahedron Letters, 2016, 57, 2025-2028.	1.4	35
155	Oligoamylose-entwined porphyrin: excited-state induced-fit for chirality induction. Chemical Communications, 2016, 52, 2481-2484.	4.1	21
156	Preparation of photo-responsive hybrid materials based on hydrogels involving imidazolium-presenting gold nanoparticles. Polymer Journal, 2016, 48, 177-181.	2.7	1
157	Synthesis and Characterization of Heterofluorenes with Five-coordinated Group 13 Elements. Chemistry Letters, 2015, 44, 1658-1660.	1.3	14
158	Spontaneous Formation of Gold Nanoparticles with Octa(3-aminopropyl) Polyhedral Oligomeric Silsesquioxane. Bulletin of the Chemical Society of Japan, 2015, 88, 653-656.	3.2	5
159	New Polymeric Materials Based on Element-Blocks. Bulletin of the Chemical Society of Japan, 2015, 88, 633-643.	3.2	311
160	Synthesis of π -Conjugated Polymers Containing Dibenzosilolepin Moieties with Pentacoordinate Silicon. Bulletin of the Chemical Society of Japan, 2015, 88, 1350-1355.	3.2	3
161	Luminescent Silicon Nanoparticles Surface-Modified with Chiral Molecules. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 255-260.	0.3	2
162	Highly Emissive Optically Active Conjugated Dimers Consisting of a Planar Chiral [2.2]Paracyclophane Showing Circularly Polarized Luminescence. European Journal of Organic Chemistry, 2015, 2015, 7756-7762.	2.4	33

#	ARTICLE	IF	CITATIONS
163	Fabrication of amorphous calcium carbonate composite particles/polymer multilayer films by a layer-by-layer method. <i>Polymer Composites</i> , 2015, 36, 330-335.	4.6	8
164	Synthesis of P-Stereogenic Tetraphosphacrowns. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1410-1416.	2.7	3
165	Precise Sulfite Functionalization of Polyolefins via ADMET Polymerization. <i>ACS Macro Letters</i> , 2015, 4, 624-627.	4.8	22
166	Recent progress of optical functional nanomaterials based on organoboron complexes with β^2 -diketonate, ketoiminate and diiminate. <i>NPG Asia Materials</i> , 2015, 7, e223-e223.	7.9	155
167	Synthesis and color tuning of boron diiminate conjugated polymers with aggregation-induced scintillation properties. <i>RSC Advances</i> , 2015, 5, 96653-96659.	3.6	27
168	POSS ionic liquid crystals. <i>NPG Asia Materials</i> , 2015, 7, e174-e174.	7.9	39
169	P-Stereogenic Diphosphacrowns: Facile Incorporation of Aromatic Rings. <i>Heterocycles</i> , 2015, 91, 2295.	0.7	5
170	Synthesis of dual-emissive polymers based on ineffective energy transfer through cardo fluorene-containing conjugated polymers. <i>Polymer</i> , 2015, 60, 228-233.	3.8	25
171	Synthesis and Characterization of Gallafluorene-Containing Conjugated Polymers: Control of Emission Colors and Electronic Effects of Gallafluorene Units on π -Conjugation System. <i>Macromolecules</i> , 2015, 48, 1343-1351.	4.8	31
172	Film-type chemosensors based on boron diiminate polymers having oxidation-induced emission properties. <i>Polymer Chemistry</i> , 2015, 6, 5590-5595.	3.9	63
173	Synthesis of a Platinum Diketonate-Containing Polymer Showing Oxygen-Resistant Phosphorescence. <i>Macromolecular Rapid Communications</i> , 2015, 36, 684-688.	3.9	3
174	β -Carborane-Based Anthracene: A Variety of Emission Behaviors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5084-5087.	13.8	260
175	Synthesis, characterization, and optoelectronic study of three biaryl-fused closo-o-carboranes and their nido-[C ₂ B ₉] ⁺ species. <i>Journal of Organometallic Chemistry</i> , 2015, 798, 165-170.	1.8	18
176	High HOMO levels and narrow energy band gaps of dithienogalloles. <i>RSC Advances</i> , 2015, 5, 55406-55410.	3.6	14
177	Facile design of organic-inorganic hybrid gels for molecular recognition of nucleoside triphosphates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2050-2055.	2.2	23
178	Synthesis and characterization of heterofluorenes containing four-coordinated group 13 elements: theoretical and experimental analyses and comparison of structures, optical properties and electronic states. <i>Dalton Transactions</i> , 2015, 44, 8697-8707.	3.3	53
179	Mechanofluorochromic Materials Based on Aggregation-Induced Emission-Active Boron Ketoiminates: Regulation of the Direction of the Emission Color Changes. <i>Chemistry - A European Journal</i> , 2015, 21, 7231-7237.	3.3	189
180	Synthesis of Air- and Moisture-Stable Dibenzogallepins: Control of Planarity of Seven-Membered Rings in Solid States by Coordination to Gallium Atoms. <i>Organic Letters</i> , 2015, 17, 1593-1596.	4.6	22

#	ARTICLE	IF	CITATIONS
181	Synthesis of hexabenzocoronene-layered compounds. Tetrahedron Letters, 2015, 56, 2086-2090.	1.4	6
182	Synthesis of emissive water-soluble network polymers based on polyhedral oligomeric silsesquioxane and their application as optical sensors for discriminating the particle size. Journal of Materials Chemistry C, 2015, 3, 12539-12545.	5.5	24
183	Simple and valid strategy for the enhancement of the solid-emissive property of boron dipyrromethenes. Tetrahedron Letters, 2015, 56, 6786-6790.	1.4	31
184	Synthesis of optically active through-space conjugated polymers consisting of planar chiral [2.2]paracyclophane and quaterthiophene. Polymer Journal, 2015, 47, 278-281.	2.7	19
185	Energy transfer through heterogeneous dyes-substituted fluorene-containing alternating copolymers and their dual-emission properties in the films. Journal of Polymer Science Part A, 2015, 53, 2026-2035.	2.3	17
186	Fluorescence and phosphorescence study of germanium-acetylene polymers and germa[N]pericyclynones. Polymer Chemistry, 2015, 6, 7495-7499.	3.9	15
187	Control of interparticle spacing in stable aggregates of gold nanoparticles by light irradiation. Polymer Journal, 2015, 47, 747-752.	2.7	4
188	Integration of benzo[h]quinoline and π -extended dibenzo[b,f]silolepins on pentacoordinate silicon. RSC Advances, 2015, 5, 23331-23339.	3.6	3
189	Liquid scintillators with near infrared emission based on organoboron conjugated polymers. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5331-5334.	2.2	20
190	Optically active cyclic compounds based on planar chiral [2.2]paracyclophane: extension of the conjugated systems and chiroptical properties. Journal of Materials Chemistry C, 2015, 3, 521-529.	5.5	99
191	Functionalization of Boron Diiminates with Unique Optical Properties: Multicolor Tuning of Crystallization-Induced Emission and Introduction into the Main Chain of Conjugated Polymers. Journal of the American Chemical Society, 2014, 136, 18131-18139.	13.7	297
192	Construction of multi-N-heterocycle-containing organic solvent-soluble polymers with 1,3,4,6,9b-pentaazaphenylene. Polymer Journal, 2014, 46, 688-693.	2.7	13
193	Synthesis of conjugated polymers containing gallium atoms and evaluation of conjugation through four-coordinate gallium atoms. Chemical Communications, 2014, 50, 15740-15743.	4.1	26
194	Through-space Conjugated Molecular Wire Comprising Three π -Electron Systems. Chemistry - an Asian Journal, 2014, 9, 2891-2895.	3.3	12
195	Planar-Chiral Through-space Conjugated Oligomers: Synthesis and Characterization of Chiroptical Properties. Chemistry - A European Journal, 2014, 20, 8386-8390.	3.3	78
196	Synthesis of cyclic compounds consisting of face-to-face p-oligophenyls. Tetrahedron Letters, 2014, 55, 1631-1634.	1.4	6
197	Design of functionalized nanoparticles for the applications in nanobiotechnology. Advanced Powder Technology, 2014, 25, 101-113.	4.1	14
198	Carborane-based Biphenyl and Terphenyl Derivatives. Chemistry - an Asian Journal, 2014, 9, 1247-1251.	3.3	35

#	ARTICLE	IF	CITATIONS
199	Regulation of responsiveness of phosphorescence toward dissolved oxygen concentration by modulating polymer contents in organic–inorganic hybrid materials. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3141-3145.	3.0	12
200	Conjugated Polymers Based on Tautomeric Units: Regulation of Main-Chain Conjugation and Expression of Aggregation Induced Emission Property via Boron-Complexation. <i>Macromolecules</i> , 2014, 47, 2268-2278.	4.8	87
201	İE-Conjugated Polymers Composed of BODIPY or Aza-BODIPY Derivatives Exhibiting High Electron Mobility and Low Threshold Voltage in Electron-Only Devices. <i>Macromolecules</i> , 2014, 47, 2316-2323.	4.8	81
202	Chirality induction in binuclear phthalocyanine tweezers. <i>Tetrahedron Letters</i> , 2014, 55, 271-274.	1.4	16
203	Enhancement of dye dispersibility in silica hybrids through local heating induced by the Imidazolium group under microwave irradiation. <i>Polymer Journal</i> , 2014, 46, 195-199.	2.7	19
204	Boron Diiminate with Aggregation-Induced Emission and Crystallization-Induced Emission-Enhancement Characteristics. <i>Chemistry - A European Journal</i> , 2014, 20, 8320-8324.	3.3	147
205	Synthesis and photoluminescence behaviors of anthracene-layered polymers. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2815-2821.	2.3	9
206	Preparation of environmentally resistant conductive silica-based polymer hybrids containing tetrathiafulvalene–tetracyanoquinodimethane charge-transfer complexes. <i>Polymer Journal</i> , 2014, 46, 800-805.	2.7	15
207	Self-assembly of a family of suprametallomacrocycles: revisiting an o-carborane bisterpyridyl building block. <i>Dalton Transactions</i> , 2014, 43, 9604-9611.	3.3	45
208	Adamantane ionic liquids. <i>RSC Advances</i> , 2014, 4, 28107.	3.6	13
209	Synthesis of dual-emissive organometallic complexes containing heterogeneous metal elements. <i>Tetrahedron Letters</i> , 2014, 55, 6477-6481.	1.4	14
210	Boron–Ketoiminate-Based Polymers: Fine-Tuning of the Emission Color and Expression of Strong Emission Both in the Solution and Film States. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1315-1319.	3.9	57
211	Colour-tunable aggregation-induced emission of trifunctional o-carborane dyes. <i>New Journal of Chemistry</i> , 2014, 38, 5686-5690.	2.8	57
212	Synthesis and characterization of an alternating copolymer with 1,2-disubstituted and 9,12-disubstituted o-carborane units. <i>Polymer Journal</i> , 2014, 46, 740-744.	2.7	10
213	Light-driven artificial enzymes for selective oxidation of guanosine triphosphate using water-soluble POSS network polymers. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6500.	2.8	26
214	Synthesis of sulfonic acid-containing POSS and its filler effects for enhancing thermal stabilities and lowering melting temperatures of ionic liquids. <i>Journal of Materials Chemistry A</i> , 2014, 2, 624-630.	10.3	50
215	Production of three radical cations from a single photon using a photo acid generator. <i>Tetrahedron Letters</i> , 2014, 55, 1635-1639.	1.4	7
216	Transformation of sulfur to organic-inorganic hybrids employed by networks and their application for the modulation of refractive indices. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2588-2595.	2.3	31

#	ARTICLE	IF	CITATIONS
217	Microwave-driven enzyme deactivation using imidazolium salt-presenting silica nanoparticles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4622-4625.	2.2	3
218	Synthetic Strategy for Low-Band Gap Oligomers and Homopolymers Using Characteristics of Thiophene-Fused Boron Dipyrromethene. <i>Macromolecules</i> , 2014, 47, 3755-3760.	4.8	49
219	Planar Chiral Tetrasubstituted [2.2]Paracyclophane: Optical Resolution and Functionalization. <i>Journal of the American Chemical Society</i> , 2014, 136, 3350-3353.	13.7	310
220	Control of the Emission Behaviors of Trifunctional <i>o</i> -Carborane Dyes. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 624-631.	2.7	21
221	Photo-triggered molecular release based on auto-degradable polymer-containing organic-inorganic hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3435-3440.	3.0	18
222	Synthesis and Properties of a Through-space-conjugated Dimer. <i>Chemistry Letters</i> , 2014, 43, 426-428.	1.3	9
223	Cyclophane-Based π -Stacked Polymers. , 2014, , 151-184.		1
224	Rapid heat generation under microwave irradiation by imidazolium-presenting silica nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 428, 65-69.	4.7	10
225	Efficient light absorbers based on thiophene-fused boron dipyrromethene (BODIPY) dyes. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2715-2719.	3.0	48
226	Preparation of flexible conductive films based on polymer composites with tetrathiafulvalene nanowires. <i>Synthetic Metals</i> , 2013, 180, 49-53.	3.9	4
227	Energy-Transfer Properties of a [2.2]Paracyclophane-Based Through-Space Dimer. <i>Chemistry - A European Journal</i> , 2013, 19, 17715-17718.	3.3	19
228	Construction of aromatic-ring-layered structures using a terphenylene-layered polymer as the scaffold. <i>Polymer Chemistry</i> , 2013, 4, 5361.	3.9	4
229	Unique properties of amphiphilic POSS and their applications. <i>Polymer Journal</i> , 2013, 45, 247-254.	2.7	59
230	POSS fillers for modulating the thermal properties of ionic liquids. <i>RSC Advances</i> , 2013, 3, 2422.	3.6	44
231	Synthesis of Enantiopure P-Stereogenic Diphosphacrowns using P-Stereogenic Secondary Phosphines. <i>Journal of Organic Chemistry</i> , 2013, 78, 2769-2774.	3.2	14
232	[2.2]paracyclophane-based through-space conjugated polymers with fluorescence quenchers. <i>Journal of Polymer Science Part A</i> , 2013, 51, 334-339.	2.3	9
233	Heat-initiated detection for reduced glutathione with ^{19}F NMR probes based on modified gold nanoparticles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 281-286.	2.2	12
234	Synthesis of highly transparent conductive films with strong absorption in near-infrared region based on tetrathiafulvalene-tethered pendant-type polymers. <i>Synthetic Metals</i> , 2013, 163, 13-18.	3.9	10

#	ARTICLE	IF	CITATIONS
235	Conjugated microporous polymers consisting of tetrasubstituted [2.2]Paracyclophane junctions. Journal of Polymer Science Part A, 2013, 51, 2311-2316.	2.3	19
236	Highly Emissive Boron Ketoiminate Derivatives as a New Class of Aggregation-Induced Emission Fluorophores. Chemistry - A European Journal, 2013, 19, 4506-4512.	3.3	183
237	Effective Light-Harvesting Antennae Based on BODIPY-Tethered Cardo Polyfluorenes via Rapid Energy Transferring and Low Concentration Quenching. Macromolecules, 2013, 46, 2599-2605.	4.8	57
238	Highly near-infrared emissive boron di(iso)indomethene-based polymer: Drastic change from deep-red to near-infrared emission via quantitative polymer reaction. Journal of Polymer Science Part A, 2013, 51, 1726-1733.	2.3	49
239	Synthesis and Optical Properties of Stable Gallafluorene Derivatives: Investigation of Their Emission via Triplet States. Journal of the American Chemical Society, 2013, 135, 4211-4214.	13.7	41
240	Synthesis and tuning of optical properties of conjugated polymers involving benzo[h]quinoline-based neutral pentacoordinate organosilicon complexes in the main chain. Polymer Chemistry, 2013, 4, 5237.	3.9	16
241	Facile Modulation of Optical Properties of Diketonate-Containing Polymers by Regulating Complexation Ratios with Boron. Macromolecules, 2013, 46, 2969-2975.	4.8	68
242	Synthesis of Dibenzo[b,f]silepins with a Benzoquinolyl Ligand. Organic Letters, 2013, 15, 2366-2369.	4.6	17
243	Efficient simultaneous emission from RGB-emitting organoboron dyes incorporated into organic-inorganic hybrids and preparation of white light-emitting materials. Journal of Materials Chemistry C, 2013, 1, 4437.	5.5	70
244	Hypoxic condition-selective upconversion via triplet-triplet annihilation based on POSS-core dendrimer complexes. Bioorganic and Medicinal Chemistry, 2013, 21, 2678-2681.	3.0	31
245	Luminescent Polymer Consisting of 9,12-Linked <i>o</i> -Carborane. Macromolecular Rapid Communications, 2013, 34, 1357-1362.	3.9	24
246	Rational design of polyhedral oligomeric silsesquioxane fillers for simultaneous improvements of thermomechanical properties and lowering refractive indices of polymer films. Journal of Polymer Science Part A, 2013, 51, 3583-3589.	2.3	35
247	Catch and release with DNA by imidazolium-presenting iron oxide nanoparticles via anion exchange. Composite Interfaces, 2013, 20, 27-32.	2.3	8
248	Chemicals-Inspired Biomaterials: Developing Biomaterials Inspired by Material Science Based on POSS. Bulletin of the Chemical Society of Japan, 2013, 86, 1231-1239.	3.2	58
249	Development of Organic-Inorganic Hybrid Materials. Journal of the Society of Powder Technology, Japan, 2013, 50, 670-681.	0.1	0
250	Regulation of dispersion/aggregation of phosphonium-presenting iron oxide nanoparticles by anion exchange. Composite Interfaces, 2012, 19, 557-564.	2.3	1
251	π -Electron-system-layered Polymers Based on [2.2]Paracyclophane. Chemistry Letters, 2012, 41, 840-846.	1.3	27
252	Practical Optical Resolution of Planar Chiral Pseudo- <i>ortho</i> -disubstituted [2.2]Paracyclophane. Chemistry Letters, 2012, 41, 990-992.	1.3	51

#	ARTICLE	IF	CITATIONS
253	Stereospecific Synthesis of trans-1,4-Diphosphacyclohexanes. <i>Heterocycles</i> , 2012, 85, 2543.	0.7	3
254	Enhancement of affinity in molecular recognition via hydrogen bonds by POSS-core dendrimer and its application for selective complex formation between guanosine triphosphate and 1,8-naphthyridine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 90-95.	2.8	43
255	Synthesis of benzo[h]quinoline-based neutral pentacoordinate organosilicon complexes. <i>Chemical Communications</i> , 2012, 48, 8541.	4.1	18
256	Advanced functional materials based on polyhedral oligomeric silsesquioxane (POSS). <i>Journal of Materials Chemistry</i> , 2012, 22, 1733-1746.	6.7	440
257	Effect of interlocking between porous epoxy microparticles and elastomer on mechanical properties and deformation modes. <i>Polymer Testing</i> , 2012, 31, 931-937.	4.8	6
258	Tumor cell-specific prodrugs using arsonic acid-presenting iron oxide nanoparticles with high sensitivity. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4675-4679.	3.0	9
259	Reduced glutathione-resisting ¹⁹ F NMR sensors for detecting HNO. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4668-4674.	3.0	30
260	Synthesis of unsymmetrical P-stereogenic oligophosphines and chemoselective cleavage of phosphine-borane coordinate bonds. <i>Polymer Journal</i> , 2012, 44, 579-585.	2.7	2
261	Through-space conjugated polymers consisting of planar chiral pseudo-ortho-linked [2.2]paracyclophane. <i>Polymer Chemistry</i> , 2012, 3, 2727.	3.9	65
262	Isolation of π -conjugated system through polyfluorene from electronic coupling with side-chain substituents by cardo structures. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4433-4442.	2.3	25
263	Synthesis of π -Conjugated Polymers Containing Aminoquinoline-Borfluorene Complexes in the Main-Chain. <i>Macromolecular Rapid Communications</i> , 2012, 33, 550-555.	3.9	25
264	Advanced Luminescent Materials Based on Organoboron Polymers. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1235-1255.	3.9	208
265	π -Electron-System-Layered Polymer: Through-Space Conjugation and Properties as a Single Molecular Wire. <i>Chemistry - A European Journal</i> , 2012, 18, 4216-4224.	3.3	36
266	Synthesis and Properties of Thiophene-Fused Benzocborane. <i>Chemistry - A European Journal</i> , 2012, 18, 11251-11257.	3.3	56
267	Heavy metal-free ¹⁹ F NMR probes for quantitative measurements of glutathione reductase activity using silica nanoparticles as a signal quencher. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 96-100.	3.0	31
268	Enhancement of optical properties of dyes for bioprobes by freezing effect of molecular motion using POSS-core dendrimers. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 915-919.	3.0	34
269	Structural diversity in the coordination of 1,4-dihydro-1,4-diazasine as a cyclic ditopic organoarsenic ligand to metal ions. <i>Heteroatom Chemistry</i> , 2012, 23, 16-26.	0.7	9
270	Synthesis and Characterization of [2.2]Paracyclophane-Containing Conjugated Microporous Polymers. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 572-579.	2.2	8

#	ARTICLE	IF	CITATIONS
271	Synthesis of Through-space Conjugated Polymers. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2012, 70, 480-491.	0.1	1
272	Conductivity regulation of the mixed-valence tetrathiafulvalene nanowire/poly(methyl methacrylate) composites using heterogeneous tetrathiafulvalene derivatives. Journal of Materials Chemistry, 2011, 21, 9603.	6.7	14
273	Versatile hybridization of conjugated polymers with silica. Journal of Materials Chemistry, 2011, 21, 14402.	6.7	6
274	Blue emission from polymer nanocomposites: preparation and application of multicolored luminescent materials. Polymer Journal, 2011, 43, 352-357.	2.7	8
275	Bimodal Quantitative Monitoring for Enzymatic Activity with Simultaneous Signal Increases in ¹⁹ F NMR and Fluorescence Using Silica Nanoparticle-Based Molecular Probes. Bioconjugate Chemistry, 2011, 22, 1484-1490.	3.6	50
276	Synthesis of Enantiomerically Pure P-Stereogenic Diphosphacrowns and Their Palladium Complexes. Journal of Organic Chemistry, 2011, 76, 1795-1803.	3.2	23
277	Multicolor Tuning of Aggregation-Induced Emission through Substituent Variation of Diphenyl-o-carborane. Journal of Organic Chemistry, 2011, 76, 316-319.	3.2	228
278	Through-space conjugated polymers consisting of [2.2]paracyclophane. Polymer Chemistry, 2011, 2, 1249.	3.9	72
279	Thermodynamic study of POSS-based ionic liquids with various numbers of ion pairs. Polymer Journal, 2011, 43, 708-713.	2.7	51
280	A luminescent coordination polymer based on bisterpyridyl ligand containing o-carborane: two tunable emission modes. Dalton Transactions, 2011, 40, 1919.	3.3	68
281	Synthesis of Aromatic-Ring-Layered Polymers. , 2011, , .		0
282	Red/Near-Infrared Light-Emitting Organic-Inorganic Hybrids Doped with Covalently Bound Boron Dipyrromethene (BODIPY) Dyes via Microwave-Assisted One-Pot Process. Bulletin of the Chemical Society of Japan, 2011, 84, 471-481.	3.2	21
283	Reductive Glutathione-Responsive Molecular Release Using Water-Soluble POSS Network Polymers. Bulletin of the Chemical Society of Japan, 2011, 84, 612-616.	3.2	31
284	Stacked 1,3,5-tris[(2,5-dimethylphenyl)ethynyl]benzenes: dimer and conjugated microporous polymer. Tetrahedron Letters, 2011, 52, 5504-5507.	1.4	7
285	Preparation of poly(methyl methacrylate) and polystyrene-composite-filled porous epoxy microparticles via in-situ suspension polymerization. Polymer Testing, 2011, 30, 841-847.	4.8	4
286	Porous epoxy microparticles prepared by an advanced aqueous method. Materials Letters, 2011, 65, 1655-1658.	2.6	8
287	Preparation of clusters having various interparticle distances based on imidazolium-modified gold nanoparticles via anion exchange. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 390, 126-133.	4.7	12
288	Microwave-enhanced hybridizations of biopolymers with silica: effective method for rapid preparation and homogeneous dispersion. Polymer Bulletin, 2011, 66, 1039-1050.	3.3	17

#	ARTICLE	IF	CITATIONS
289	Electron-transporting layered polymers comprising thiophene/furan oligomers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3664-3670.	2.3	7
290	Stereogenic Optically Active Polymer and the Complexation Behavior. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2603-2611.	2.2	15
291	Arsonic acid-presenting superparamagnetic iron oxide for pH-responsive aggregation under slightly acidic conditions. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2282-2286.	3.0	11
292	Energy transfer from aggregation-induced emissive o-carborane. <i>Tetrahedron Letters</i> , 2011, 52, 293-296.	1.4	34
293	Synthesis and low-temperature dehydrating imidation polymerization of 1,4-dihydro-1,4-diazininetetracarboxylic acid dianhydride. <i>Polymer Journal</i> , 2011, 43, 358-363.	2.7	9
294	Aromatic-ring-layered polymers composed of fluorene and xanthene. <i>Polymer Journal</i> , 2011, 43, 733-737.	2.7	9
295	Luminescent chiral organoboron 8-aminoquinolate-coordination polymers. <i>Applied Organometallic Chemistry</i> , 2010, 24, 563-568.	3.5	15
296	Luminescent Organoboron Conjugated Polymers. <i>Chemistry Letters</i> , 2010, 39, 430-435.	1.3	77
297	Thermochemical Reaction of Organic-Inorganic Polymer Hybrids from Poly(vinyl pyrrolidone) and Alkoxysilane as a Reaction Field. <i>Kobunshi Ronbunshu</i> , 2010, 67, 129-134.	0.2	0
298	Thermochemical Reaction of Polystyrene-Silica Polymer Hybrids as a Reaction Field. <i>Kobunshi Ronbunshu</i> , 2010, 67, 516-520.	0.2	0
299	Simple and Rapid Eco-friendly Synthesis of Cubic Octamethylsilsesquioxane Using Microwave Irradiation. <i>Chemistry Letters</i> , 2010, 39, 354-355.	1.3	14
300	Microwave-assisted One-pot Synthesis of Luminescent Organic-Inorganic Hybrids via Simultaneous Process of Sol-Gel and Suzuki-Miyaura Coupling Reactions. <i>Chemistry Letters</i> , 2010, 39, 480-481.	1.3	6
301	Aza-Wittig Polymerization: An Improved Molecular Design for Preparing AB-Type Poly(azomethine)s Utilizing Air-Stable Triphenylphosphine. <i>Macromolecules</i> , 2010, 43, 1148-1151.	4.8	3
302	Preparation of Ionic Liquid-Modified Inorganic Nanoparticles and Their Biomedical Application. <i>ACS Symposium Series</i> , 2010, , 103-114.	0.5	0
303	Aromatic ring-layered polymer containing 2,7-linked carbazole on xanthene. <i>Polymer Bulletin</i> , 2010, 65, 465-476.	3.3	4
304	Synthesis of poly(vinylene)s-stabilized silver nanoparticles. <i>Applied Organometallic Chemistry</i> , 2010, 24, 573-575.	3.5	7
305	Xanthene-Based Oligothiophene-Layered Polymers. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2407-2415.	2.2	6
306	Aromatic Ring-Fused Carborane-Based Luminescent Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1389-1394.	3.9	43

#	ARTICLE	IF	CITATIONS
307	Synthesis of Optically Active Polymer with β -Stereogenic Phosphine Units. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1719-1724.	3.9	16
308	Processing dependence of surface morphology in condensation cured PDMS nanocomposites. <i>Polymer</i> , 2010, 51, 5756-5763.	3.8	10
309	Nanoparticles via H-aggregation of amphiphilic BODIPY dyes. <i>Tetrahedron Letters</i> , 2010, 51, 3451-3454.	1.4	65
310	Metal-free synthesis of responsive polymers: Cloud point tuning by controlled α,ω -click reaction. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1278-1286.	2.3	69
311	Synthesis of highly luminescent organoboron polymers connected by bifunctional 8-aminoquinolate linkers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3693-3701.	2.3	12
312	Highly near-infrared photoluminescence from aza-borondipyromethene-based conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5348-5356.	2.3	47
313	Side-chain effect of octa-substituted POSS fillers on refraction in polymer composites. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5712-5717.	2.3	55
314	Quantum yield and morphology control of BODIPY-based supramolecular self-assembly with a chiral polymer inhibitor. <i>Polymer Journal</i> , 2010, 42, 37-42.	2.7	21
315	Poly(methyl methacrylate) (PMMA)-based hybrid materials with reactive zirconium oxide nanocrystals. <i>Polymer Journal</i> , 2010, 42, 58-65.	2.7	93
316	Naphthalene-based oligothiophene-stacked polymers. <i>Polymer Journal</i> , 2010, 42, 928-934.	2.7	15
317	Polymer reaction of poly(p-phenylene-ethynylene) by addition of decaborane: modulation of luminescence and heat resistance. <i>Polymer Journal</i> , 2010, 42, 363-367.	2.7	25
318	New Type of Donor-Acceptor Through-Space Conjugated Polymer. <i>International Journal of Polymer Science</i> , 2010, 2010, 1-9.	2.7	4
319	Role of Solvent Dielectric Properties on Charge Transfer from PbS Nanocrystals to Molecules. <i>Nano Letters</i> , 2010, 10, 318-323.	9.1	79
320	Environment-responsive upconversion based on dendrimer-supported efficient triplet-triplet annihilation in aqueous media. <i>Chemical Communications</i> , 2010, 46, 4378.	4.1	86
321	Synthesis of Anthracene-Stacked Oligomers and Polymer. <i>Organic Letters</i> , 2010, 12, 3188-3191.	4.6	57
322	Luminescent alternating boron quinolate-fluorene copolymers exhibiting high electron mobility. <i>Journal of Materials Chemistry</i> , 2010, 20, 5196.	6.7	34
323	Biodegradable Main-Chain Phosphate-Caged Fluorescein Polymers for the Evaluation of Enzymatic Activity. <i>Macromolecules</i> , 2010, 43, 6180-6184.	4.8	18
324	BODIPY-Based Chain Transfer Agent: Reversibly Thermoswitchable Luminescent Gold Nanoparticle Stabilized by BODIPY-Terminated Water-Soluble Polymer. <i>Langmuir</i> , 2010, 26, 15644-15649.	3.5	47

#	ARTICLE	IF	CITATIONS
325	Facile Preparation of Hybrid Fluids from Ionic Liquid-Inorganic Nanoparticles:. ACS Symposium Series, 2010, , 211-220.	0.5	0
326	Preparation for Highly Sensitive MRI Contrast Agents Using Core/Shell Type Nanoparticles Consisting of Multiple SPIO Cores with Thin Silica Coating. Langmuir, 2010, 26, 11759-11762.	3.5	56
327	Photoinduced Radical Generation and Self-Assembly of Tetrathiafulvalene into the Mixed-Valence State in the Poly(vinyl chloride) Film under UV Irradiation. Langmuir, 2010, 26, 1152-1156.	3.5	9
328	Aromatic Ring-Fused BODIPY-Based Conjugated Polymers Exhibiting Narrow Near-Infrared Emission Bands. Macromolecules, 2010, 43, 193-200.	4.8	102
329	Poly(γ -glutamic acid) Hydrogels with Water-Sensitive Luminescence Derived from Aggregation-Induced Emission of α -Carborane. Macromolecules, 2010, 43, 6463-6468.	4.8	98
330	POSS Ionic Liquid. Journal of the American Chemical Society, 2010, 132, 17649-17651.	13.7	155
331	Facile Preparation of Concentration-Gradient Materials with Radical Spin of the Mixed-Valence Tetrathiafulvalene in Conventional Polymer Films. Langmuir, 2010, 26, 10254-10258.	3.5	12
332	Synthesis of π -Conjugated Polymers Containing Organoboron Benzo[h]quinolate in the Main Chain. Macromolecules, 2010, 43, 6229-6233.	4.8	41
333	Highly stabilized luminescent polymer nanocomposites: fluorescence emission from metal quinolate complexes with inorganic nanocrystals. Journal of Materials Chemistry, 2010, 20, 10688.	6.7	12
334	Microwave-assisted preparation of intense luminescent BODIPY-containing hybrids with high photostability and low leachability. Journal of Materials Chemistry, 2010, 20, 2985.	6.7	41
335	1,4-Dihydro-1,4-diarsinine-Bridged Dinuclear α -trans-Dihaloplatinum(II) Complexes: Synthesis and Controlled Pt \cdots Pt Interaction by Halogen Substitution Induced Conformational Change. Organometallics, 2010, 29, 4992-5003.	2.3	12
336	Synthesis and coordination behaviors of P-stereogenic polymers. Chemical Communications, 2010, 46, 7542.	4.1	27
337	Nanohybridized Synthesis of Metal Nanoparticles and Their Organization. Advances in Materials Research, 2009, , 3-40.	0.2	8
338	Chiral π -conjugated organoboron polymers. Pure and Applied Chemistry, 2009, 81, 433-437.	1.9	6
339	Synthesis of organic-inorganic polymer hybrids from poly(vinyl chloride) and polyhedral oligomeric silsesquioxane via CH/ π interaction. Progress in Organic Coatings, 2009, 64, 124-127.	3.9	18
340	Synthesis of Block Copolymers with a Pentasilane Core. Macromolecular Rapid Communications, 2009, 30, 948-953.	3.9	1
341	Synthesis and Properties of Oligophenylene- π -Layered Polymers. Macromolecular Rapid Communications, 2009, 30, 1094-1100.	3.9	20
342	Amphiphilic Hybrid π - π -Conjugated Polymers Containing Polyhedral Oligomeric Silsesquioxanes. Macromolecular Rapid Communications, 2009, 30, 1559-1563.	3.9	6

#	ARTICLE	IF	CITATIONS
343	Synthesis of Oligothiophene- π -Layered Polymers. <i>Macromolecular Rapid Communications</i> , 2009, 30, 2107-2111.	3.9	11
344	Poly(arylene-ethynylene)s containing dithia[3.3]metaphane. <i>Comptes Rendus Chimie</i> , 2009, 12, 332-340.	0.5	9
345	Synthesis, Structure, and Properties of Aromatic Ring-Layered Polymers Containing Ferrocene as a Terminal Unit. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 104-112.	3.7	20
346	Effects of Diphenyl Dichalcogenides on the Radical Polymerization of Diethynyl Disulfide Derivative. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 55-66.	3.7	1
347	Synthesis of through-space conjugated polymers containing the pseudo-ortho-linked [2.2]paracyclophane moiety. <i>Polymer Bulletin</i> , 2009, 62, 305-314.	3.3	28
348	Through-space conjugated polymer containing [2.2]paracyclophane and dithiafulvene units in the main chain. <i>Polymer Bulletin</i> , 2009, 62, 737-747.	3.3	10
349	Synthesis and properties of carbazole- π -layered polymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4279-4288.	2.3	17
350	Structure-property relationship of octa-substituted POSS in thermal and mechanical reinforcements of conventional polymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5690-5697.	2.3	128
351	Synthesis and properties of through-space conjugated polymers based on cyano-substituted poly(<i>p</i> -arylenevinylene)s. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5979-5988.	2.3	16
352	Transparent conductive films based on polymer composites containing the mixed-valence tetrathiafulvalene nanofibers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6441-6450.	2.3	11
353	Synthesis of through-space conjugated polymers containing [2.2]paracyclophane and thieno[3,4- <i>b</i>]pyrazine in the main chain. <i>Journal of Polymer Science Part A</i> , 2009, 47, 7003-7011.	2.3	15
354	Synthesis of transparent poly(vinylidene fluoride) (PVdF)/zirconium oxide hybrids without crystallization of PVdF chains. <i>Polymer</i> , 2009, 50, 3174-3181.	3.8	34
355	Synthesis and luminescent properties of pyrenylvinylene-substituted tripylborane. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1723-1726.	1.8	10
356	Facile control of silica shell layer thickness on hydrophilic iron oxide nanoparticles via reverse micelle method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 336, 46-56.	4.7	58
357	Reversible signal regulation system of ^{19}F NMR by redox reactions using a metal complex as a switching module. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3818-3823.	3.0	47
358	Preparation and fluorescence properties of fluorophore-labeled avidin-biotin system immobilized on Fe_3O_4 nanoparticles through functional indolequinone linker. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3775-3781.	3.0	30
359	Improving Proton Relaxivity of Dendritic MRI Contrast Agents by Rigid Silsesquioxane Core. <i>Polymer Journal</i> , 2009, 41, 287-292.	2.7	37
360	Microwave-Assisted Synthesis of Poly(2-hydroxyethyl methacrylate) (HEMA)/Silica Hybrid Using in situ Polymerization Method. <i>Polymer Journal</i> , 2009, 41, 1080-1084.	2.7	15

#	ARTICLE	IF	CITATIONS
361	Synthesis of optically active polymers using P-chiral bisphosphines as anionic initiators. Polymer Science - Series A, 2009, 51, 1218-1228.	1.0	7
362	Polymethylenes Containing [2.2]Paracyclophane in the Side Chain. Macromolecules, 2009, 42, 1439-1442.	4.8	19
363	A Facile Synthesis of Chiral Luminescent Organoboron Polymers by Hydroboration Polymerization Utilizing Chiral Borane. Macromolecules, 2009, 42, 1560-1564.	4.8	10
364	Synthesis and Characterization of Stereoisomers of 1,4-Dihydro-1,4-diarsinines. Organometallics, 2009, 28, 6109-6113.	2.3	22
365	Synthesis and Photostability of Poly(<i>p</i> -phenylenevinylene-borane)s. Macromolecules, 2009, 42, 7217-7220.	4.8	67
366	Monitoring of Biological One-Electron Reduction by ¹⁹ F NMR Using Hypoxia Selective Activation of an ¹⁹ F-Labeled Indolequinone Derivative. Journal of the American Chemical Society, 2009, 131, 15982-15983.	13.7	66
367	Practical Synthesis of P-Stereogenic Diphosphacrowns. Organic Letters, 2009, 11, 2241-2244.	4.6	33
368	Modulation of Morphology and Conductivity of Mixed-Valence Tetrathiafulvalene Nanofibers by Coexisting Organic Acid Anions. Langmuir, 2009, 25, 6929-6933.	3.5	44
369	[2.2]Paracyclophane-Layered Polymers End-Capped with Fluorescence Quenchers. Macromolecules, 2009, 42, 3656-3660.	4.8	42
370	Synthesis of Organoboron Quinoline-8-thiolate and Quinoline-8-selenolate Complexes and Their Incorporation into the π -Conjugated Polymer Main-Chain. Macromolecules, 2009, 42, 2988-2993.	4.8	74
371	Poly(amide-imide)-Silica Gel Hybrids: Synthesis and Characterization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 46, 663-673.	2.2	3
372	Effect of substituent groups for formation of organic-metal hybrid nanowires by charge-transfer of tetrathiafulvalene derivatives with metal ion. Synthetic Metals, 2009, 159, 931-934.	3.9	8
373	Luminescent and Axially Chiral π -Conjugated Polymers Linked by Carboranes in the Main Chain. Macromolecules, 2009, 42, 9238-9242.	4.8	117
374	Aza-Wittig Polymerization: Kinetic Study and Efficient End Functionalization of Poly(azomethine)s. Macromolecules, 2009, 42, 3463-3468.	4.8	10
375	Highly Luminescent Nanoparticles: Self-Assembly of Well-Defined Block Copolymers by π -Stacked BODIPY Dyes as Only a Driving Force. Macromolecules, 2009, 42, 5446-5452.	4.8	46
376	Emission via Aggregation of Alternating Polymers with <i>o</i> -Carborane and <i>p</i> -Phenylene- π -Ethynylene Sequences. Macromolecules, 2009, 42, 1418-1420.	4.8	246
377	Nanofiber formation via the self-assembly of a chiral regioregular poly(azomethine). Chemical Communications, 2009, , 2183.	4.1	9
378	Luminescent <i>m</i> -Carborane-Based π -Conjugated Polymer. Macromolecules, 2009, 42, 2925-2930.	4.8	96

#	ARTICLE	IF	CITATIONS
379	Tuning of Properties of POSS-Condensed Water-Soluble Network Polymers by Modulating the Cross-Linking Ratio between POSS. <i>Macromolecules</i> , 2009, 42, 3489-3492.	4.8	69
380	Synthesis of π -Stacked Polymers on the Basis of [2.2]Paracyclophane. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 1070-1082.	3.2	54
381	Synthesis of Helical Polymers with a Pentasilane Core. <i>Chemistry Letters</i> , 2009, 38, 498-499.	1.3	2
382	Synthesis of Cyano-substituted Through-space Poly(<i>p</i> -arylenevinylene). <i>Chemistry Letters</i> , 2009, 38, 734-735.	1.3	13
383	Preparation of osmium(II)-centered star-shaped polymer by the coordination of 2,2'-bipyridyl-terminated poly(oxyethylene) with osmium ion. <i>Macromolecular Research</i> , 2008, 16, 70-72.	2.4	3
384	Bidentate coordination effect on polycondensation of amino acid esters between metal triflates and methoxy groups. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2864-2868.	2.3	1
385	Homogeneous anionic PPE hybrids with silica gel. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3749-3755.	2.3	17
386	A hybrid-type, chiral π -conjugated polymer wrapped with polyhedral oligomeric silsesquioxanes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6035-6040.	2.3	14
387	Persistent and emission color tunable poly(phenylene-ethynylene)s covered with polyhedral oligomeric silsesquioxanes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 8112-8116.	2.3	11
388	Biomedical applications of imidazolium cation-modified iron oxide nanoparticles. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1421-1429.	3.2	49
389	Thermally Stabilized Blue Luminescent Poly(<i>p</i> -phenylene)s Covered with Polyhedral Oligomeric Silsesquioxanes. <i>Macromolecular Rapid Communications</i> , 2008, 29, 86-92.	3.9	37
390	Cyclophane-containing polymers. <i>Progress in Polymer Science</i> , 2008, 33, 346-364.	24.7	83
391	Ratiometric multimodal chemosensors based on cubic silsesquioxanes for monitoring solvent polarity. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 10029-10033.	3.0	40
392	Assembly system of direct modified superparamagnetic iron oxide nanoparticles for target-specific MRI contrast agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5463-5465.	2.2	25
393	Effect of Molecular Weights of Poly(acrylic acid) on Crystallization of Calcium Carbonate by the Delayed Addition Method. <i>Polymer Journal</i> , 2008, 40, 154-162.	2.7	37
394	π -Conjugated Organoboron Polymers via the Vacant p-Orbital of the Boron Atom. <i>Polymer Journal</i> , 2008, 40, 77-89.	2.7	182
395	Synthesis and Photoluminescence Properties of Pyrene-Incorporated Organic-Inorganic Polymer Hybrids. <i>Polymer Journal</i> , 2008, 40, 402-408.	2.7	12
396	Synthesis of PAMAM Dendrimers Possessing [2.2]Paracyclophane on Their Surface. <i>Polymer Journal</i> , 2008, 40, 779-783.	2.7	5

#	ARTICLE	IF	CITATIONS
397	Preparation and Characterization of Poly(vinylpyrrolidone)/Zirconium Oxide Hybrids by Using Inorganic Nanocrystals. <i>Polymer Journal</i> , 2008, 40, 1157-1163.	2.7	18
398	Highly Luminescent BODIPY-Based Organoboron Polymer Exhibiting Supramolecular Self-Assemble Structure. <i>Journal of the American Chemical Society</i> , 2008, 130, 15276-15278.	13.7	130
399	Highly Intense Fluorescent Diarylboron Diketonate. <i>Journal of Organic Chemistry</i> , 2008, 73, 8605-8607.	3.2	86
400	1,3-Diketone-Based Organoboron Polymers: Emission by Extending π -Conjugation along a Polymeric Ligand. <i>Macromolecules</i> , 2008, 41, 8295-8298.	4.8	83
401	The Aza-Wittig Polymerization: An Efficient Method for the Construction of Carbon-Nitrogen Double Bonds-Containing Polymers. <i>Macromolecules</i> , 2008, 41, 5671-5673.	4.8	18
402	Main-Chain-Type π -N π -Chelate Organoboron Aminoquinolate Polymers: Synthesis, Luminescence, and Energy Transfer Behavior. <i>Macromolecules</i> , 2008, 41, 3488-3492.	4.8	57
403	Aza-Wittig Polymerization: A Simple Method for the Synthesis of Regioregular Poly(azomethine)s. <i>Macromolecules</i> , 2008, 41, 9677-9682.	4.8	16
404	Multi-modal ^{19}F NMR probe using perfluorinated cubic silsesquioxane-coated silica nanoparticles for monitoring enzymatic activity. <i>Chemical Communications</i> , 2008, , 6176.	4.1	63
405	Enhancement of entrapping ability of dendrimers by a cubic silsesquioxane core. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3899.	2.8	79
406	Stereospecific Construction of a trans-1,4-Diphosphacyclohexane Skeleton. <i>Organic Letters</i> , 2008, 10, 1489-1492.	4.6	23
407	Control of Self-Assembling Processes of Polyamidoamine Dendrimers and Pd Nanoparticles. <i>Macromolecules</i> , 2008, 41, 1815-1824.	4.8	7
408	Synthesis and Properties of [2.2]Paracyclophane-Layered Polymers. <i>Macromolecules</i> , 2008, 41, 5960-5963.	4.8	50
409	Synthesis of Methyl-Substituted Main-Chain-Type Organoboron Quinolate Polymers and Their Emission Color Tuning. <i>Macromolecules</i> , 2008, 41, 2809-2813.	4.8	61
410	Stoichiometric Complexation of Palladium(II) with 1,4-Dihydro-1,4-diarsinine as a Rigid Symmetrical Bidentate Ligand. <i>Organometallics</i> , 2008, 27, 1034-1036.	2.3	17
411	Stabilized Spherical Aggregate of Palladium Nanoparticles Prepared by Reduction of Palladium Acetate in Octa(3-aminopropyl)octasilsesquioxane as a Rigid Template. <i>Langmuir</i> , 2008, 24, 2719-2726.	3.5	32
412	Synthesis of New Main-Chain-Type Organoboron Quinolate Polymer Linked on Quinolate Ligand. <i>Macromolecules</i> , 2008, 41, 737-740.	4.8	47
413	Functionalization of Inorganic Nanoparticles with Organic Molecules. <i>Kobunshi Ronbunshu</i> , 2008, 65, 321-333.	0.2	2
414	Poly(π -phenyleneethynylene)-Silica Gel Hybrids without Any Compatibilizer. <i>Chemistry Letters</i> , 2008, 37, 732-733.	1.3	6

#	ARTICLE	IF	CITATIONS
415	Molecular Recognizable Cucurbituril/Silica Hybrids. Chemistry Letters, 2008, 37, 312-313.	1.3	5
416	Hydrophilicity-controllable Microporous Hybrid Materials by Anion Exchange. Chemistry Letters, 2008, 37, 580-581.	1.3	0
417	Synthesis of organoaluminum polymers with aluminum- π -nitrogen ring in their main-chain. Main Group Chemistry, 2007, 5, 287-295.	0.8	1
418	Functional polymers based on electron-donating TTF and derivatives. Journal of Materials Chemistry, 2007, 17, 4122.	6.7	56
419	Water-Soluble Anionic POSS-Core Dendrimer: Synthesis and Copper(II) Complexes in Aqueous Solution. Langmuir, 2007, 23, 9057-9063.	3.5	81
420	Appearing, Disappearing, and Reappearing Fumed Silica Nanoparticles: Tapping-Mode AFM Evidence in a Condensation Cured Polydimethylsiloxane Hybrid Elastomer. Chemistry of Materials, 2007, 19, 2141-2143.	6.7	13
421	Main-Chain-Type Organoboron Quinolate Polymers: Synthesis and Photoluminescence Properties. Macromolecules, 2007, 40, 6-8.	4.8	54
422	Synthesis of Poly(vinylene- π -phosphine)s: Ring-Collapsed Radical Alternating Copolymerization of Methyl-Substituted Cyclooligophosphine with Acetylenic Compounds. Macromolecules, 2007, 40, 4854-4858.	4.8	34
423	Periodic Terpolymerization of Cyclooligoarsine, Cyclooligostibine, and Acetylenic Compound. Macromolecules, 2007, 40, 1372-1376.	4.8	29
424	Combined in Situ and Time-Resolved SANS and SAXS Studies of Chemical Reactions at Specific Sites and Self-Assembling Processes of Reaction Products: Reduction of Palladium Ions in Self-Assembled Polyamidoamine Dendrimers as a Template. Macromolecules, 2007, 40, 4327-4337.	4.8	34
425	1,4-Dihydro-1,4-diarsinine: Facile Synthesis via Nonvolatile Arsenic Intermediates by Radical Reactions. Organometallics, 2007, 26, 1827-1830.	2.3	35
426	A Carbonate Controlled-Addition Method for Amorphous Calcium Carbonate Spheres Stabilized by Poly(acrylic acid)s. Langmuir, 2007, 23, 12086-12095.	3.5	107
427	Organic π -Inorganic Nano-Hybrid Materials [Translated] π -KONA Powder and Particle Journal, 2007, 25, 255-260.	1.7	21
428	Layer-by-layer films based on charge transfer interaction of π -conjugated poly(dithiafulvene) and incorporation of gold nanoparticles into the films. Journal of Applied Polymer Science, 2007, 103, 1608-1615.	2.6	3
429	Synthesis of optically active oligomers consisting of chiral phosphorus atoms: capture of an intermediate between a polymer and a small molecule. Tetrahedron Letters, 2007, 48, 1451-1455.	1.4	19
430	Lewis acid-modified mesoporous alumina: A new catalyst carrier for methyltrioxorhenium in metathesis of olefins bearing functional groups. Journal of Organometallic Chemistry, 2007, 692, 554-561.	1.8	29
431	Effect of iron (III) hydroxide sol as a support for oligomerization of L-phenylalanine in aqueous solution. Journal of Organometallic Chemistry, 2007, 692, 436-441.	1.8	8
432	A combined small-angle scattering study of a chemical reaction at specific sites and reaction-induced self-assembly as a problem in open non-equilibrium phenomena. Journal of Applied Crystallography, 2007, 40, s73-s77.	4.5	16

#	ARTICLE	IF	CITATIONS
433	3-(2,2',6,6'-Terpyridin-4'-yloxy)propyl toluene-4-sulfonate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2311-o2313.	0.2	1
434	Synthesis of optically active polymers containing chiral phosphorus atoms in the main chain. Journal of Polymer Science Part A, 2007, 45, 866-872.	2.3	21
435	Polycondensation of activated L-valine and L-leucine esters with various Lewis acids. Journal of Polymer Science Part A, 2007, 45, 543-547.	2.3	2
436	Synthesis and characterization of novel π -conjugated polymers with phosphole ring derivatives. Journal of Polymer Science Part A, 2007, 45, 2867-2875.	2.3	23
437	Synthesis of sulfur-containing hyperbranched polymers by the bisthiolation polymerization of diethynyl disulfide derivatives. Journal of Polymer Science Part A, 2007, 45, 3580-3587.	2.3	5
438	Synthesis and properties of an amphiphilic dithiafulvene oligomer. Journal of Polymer Science Part A, 2007, 45, 3770-3775.	2.3	4
439	Synthesis of a Stimuli-Responsive P-Chiral Polymer with Chiral Phosphorus Atoms and Azobenzene Moieties in the Main Chain. Chemistry - an Asian Journal, 2007, 2, 397-402.	3.3	38
440	Synthesis of Optically Active P-Chiral and Optically Inactive Oligophosphines. Chemistry - an Asian Journal, 2007, 2, 1166-1173.	3.3	23
441	Synthesis of Organic-Metal Hybrid Nanowires by Cooperative Self-Organization of Tetrathiafulvalene and Metallic Gold via Charge-Transfer. Langmuir, 2007, 23, 3450-3454.	3.5	45
442	pH Responsive Aggregation of Imidazolium Cations-Modified Gold Nanoparticles with Poly(acrylic) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.7	17
443	Synthesis of Conjugated Polymers Containing Phosphole with the 5-Member Fused Carbocycle. Polymer Bulletin, 2007, 58, 645-652.	3.3	26
444	Synthesis of the Optically Active Polymer Consisting of Chiral Phosphorus Atoms and p-Phenylene-ethynylene Units. Polymer Bulletin, 2007, 58, 665-671.	3.3	19
445	Synthesis and Characterization of π -Conjugated Polymers with a 2,5-Substituted Phosphole Skeleton. Polymer Bulletin, 2007, 58, 777-784.	3.3	17
446	Poly(dithiafulvene)s containing alkoxy groups and mesogenic moiety in the side chain: synthesis, properties and their charge-transfer complex. Polymer Bulletin, 2007, 59, 45-52.	3.3	0
447	Synthesis of Optically Active Dendrimers Having Chiral Bisphosphine as a Core. Polymer Bulletin, 2007, 59, 339-350.	3.3	10
448	Self-organized Multilayer Films and Porous Nanocomposites of Gold Nanoparticles with Octa(3-aminopropyl)octasilsesquioxane. Journal of Inorganic and Organometallic Polymers and Materials, 2007, 17, 447-457.	3.7	7
449	A new class of π -conjugated organoboron polymers. Special Publication - Royal Society of Chemistry, 2007, , 51-58.	0.0	3
450	Formation of Stable Vaterite with Poly(acrylic acid) by the Delayed Addition Method. Langmuir, 2006, 22, 7760-7767.	3.5	75

#	ARTICLE	IF	CITATIONS
451	Ring-Collapsed Radical Alternating Copolymerization of Phenyl-Substituted Cyclooligostibine and Acetylenic Compounds. <i>Macromolecules</i> , 2006, 39, 8257-8262.	4.8	30
452	Organoboron Polymers. , 2006, , 121-147.		3
453	Ring-Collapsed Alternating Copolymerization of Organoarsenic Homocycles and Acetylenic Compounds. <i>ACS Symposium Series</i> , 2006, , 416-428.	0.5	0
454	Polycondensation of α -amino acid esters in the presence of yttrium triflate as a Lewis acid. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4731-4735.	2.3	2
455	First synthesis of the bismole-containing conjugated polymer. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4857-4863.	2.3	24
456	Polymerization of bisdithiafulvenes with conjugated spacers using oxidative dimerization. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2027-2033.	2.3	8
457	Synthesis of covalently bonded nanostructure from two porphyrin molecular wires leading to a molecular tube. <i>Tetrahedron Letters</i> , 2006, 47, 5265-5268.	1.4	31
458	Synthesis and Characterization of Dithia[3.3](2,6)pyridinophane-Containing Polymers: Application to the Palladium-Catalyzed Heck Reaction. <i>Organic Letters</i> , 2006, 8, 1029-1032.	4.6	30
459	Synthesis of Electron-Donating Polymer Having Vinylogous TTF in the Main Chain. <i>Polymer Journal</i> , 2006, 38, 1146-1151.	2.7	7
460	Oxidation of Dithia[3.3]metacyclophane-Containing Through-Space π -Conjugated Polymer. <i>Polymer Bulletin</i> , 2006, 57, 623-630.	3.3	7
461	Synthesis of colloidal polyoxazoline/silica hybrids prepared in an aqueous solution. <i>Polymer</i> , 2006, 47, 4036-4041.	3.8	17
462	Through-Space Conjugated Polymers Based on Cyclophanes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6430-6437.	13.8	163
463	Oxidative Polymerization of Silylthioketene Dimer. <i>Macromolecular Rapid Communications</i> , 2006, 27, 2113-2117.	3.9	1
464	Synthesis of transition-metal-containing poly(pyrazabole)s. <i>Pure and Applied Chemistry</i> , 2006, 78, 1407-1411.	1.9	17
465	Self-Organized Nanocomposite of Gold Nanoparticles and π -Electron Organic Molecules. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 1801-1805.	2.2	1
466	Self-Assembly of Functionalized Gold Nanoparticles with Rigid and Flexible Multifunctional Linkers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 1733-1739.	2.2	1
467	Self-Assembly of Functionalized Gold Nanoparticles with Rigid and Flexible Multifunctional Linkers. <i>Journal of Macromolecular Science - Physics</i> , 2006, 45, 549-555.	1.0	4
468	Amphiphilic Tetrathiafulvalene Derivative: Charge-Transfer Complexation Behavior in Solutions. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 519-522.	3.2	0

#	ARTICLE	IF	CITATIONS
469	Novel Through-Space Conjugated Polymers Consisting of Alternate [2.2]Paracyclophane and Fluorene. Bulletin of the Chemical Society of Japan, 2005, 78, 288-293.	3.2	44
470	Construction of benzene ring-layered polymers. Tetrahedron Letters, 2005, 46, 2533-2537.	1.4	48
471	Synthesis of oligomers including eight P-chiral centers and the construction of the 12-phosphacrown-4 skeleton. Tetrahedron Letters, 2005, 46, 7011-7014.	1.4	27
472	A Versatile and Efficient Hydrosilylation Route to Functionalized Polyferrocenylsilanes. Macromolecular Rapid Communications, 2005, 26, 950-954.	3.9	29
473	Novel Conjugated Polymers Containing [2.2]Paracyclophane and Carbazole Units with Efficient Photoluminescence. Polymer Bulletin, 2005, 53, 73-80.	3.3	30
474	Synthesis of pH Sensitive Organic-Inorganic Polymer Hybrids. Polymer Bulletin, 2005, 53, 89-95.	3.3	12
475	Synthesis of novel poly(pyrazole)s with electron-withdrawing structure in their main chain. Polymer Bulletin, 2005, 53, 155-160.	3.3	31
476	Microwave Assisted Synthesis of Organic-Inorganic Polymer Hybrids. Polymer Bulletin, 2005, 55, 309-315.	3.3	27
477	Novel π -conjugated cyclophane polymers containing phenylamine moieties with strong blue-light emission. Polymer, 2005, 46, 5884-5889.	3.8	29
478	Controlled polymer hybrids with ladderlike polyphenylsilsesquioxane as a template via the sol-gel reaction of phenyltrimethoxysilane. Journal of Polymer Science Part A, 2005, 43, 473-478.	2.3	13
479	Synthesis of poly(vinylidene fluoride) (PVdF)/silica hybrids having interpenetrating polymer network structure by using crystallization between PVdF chains. Journal of Polymer Science Part A, 2005, 43, 3543-3550.	2.3	52
480	Synthesis of soluble electron-donating polymers containing vinyllogous TTF by oxidative dimerization of 1,4-bisdithiafulvenyl-2,5-dialkoxybenzene. Journal of Polymer Science Part A, 2005, 43, 4600-4608.	2.3	10
481	Oxidation polymerization of a charge-transfer complex of 2,6-bis(2-thienyl)-1,4-dithiafulvene with 7,7,8,8-tetracyanoquinodimethane. Journal of Polymer Science Part A, 2005, 43, 6592-6598.	2.3	1
482	Synthesis and Characterization of UV-Induced Interpenetrating Polymer Network (IPN) Structure of Poly(urethane acrylate) (UA Polymer)/Silica Hybrids. Polymer Journal, 2005, 37, 686-693.	2.7	5
483	Self-Assembly of Gold Nanoparticles Utilizing a Charge-Transfer Interaction between Carbazolyl and Dinitrophenyl Units. Bulletin of the Chemical Society of Japan, 2005, 78, 501-505.	3.2	4
484	Robust Polyaromatic Octasilsesquioxanes from Polybromophenylsilsesquioxanes, BrxOPS, via Suzuki Coupling. Macromolecules, 2005, 38, 4661-4665.	4.8	60
485	Multiresponsive Photopatterning Organic-Inorganic Polymer Hybrids Using a Caged Photoluminescence Compound. Macromolecules, 2005, 38, 4425-4431.	4.8	24
486	Synthesis of Amorphous and Nanostructured Cationic Polyacetylene/Silica Hybrids by Using Ionic Interactions. Macromolecules, 2005, 38, 9110-9116.	4.8	28

#	ARTICLE	IF	CITATIONS
487	Spherical, Polyfunctional Molecules Using Poly(bromophenylsilsesquioxane)s as Nanoconstruction Sites. <i>Macromolecules</i> , 2005, 38, 4655-4660.	4.8	65
488	Microporous Nanocomposites of Pd and Au Nanoparticles via Hierarchical Self-Assembly. <i>Langmuir</i> , 2005, 21, 12395-12398.	3.5	14
489	Studies on electrical transport properties of a novel n-type polymer containing triarylborane and fluorene moieties. <i>Synthetic Metals</i> , 2005, 154, 113-116.	3.9	26
490	Organic-inorganic polymer hybrids prepared by the sol-gel method. <i>Composite Interfaces</i> , 2005, 11, 539-566.	2.3	134
491	Synthesis of anionic polymer-silica hybrids by controlling pH in an aqueous solution. <i>Journal of Materials Chemistry</i> , 2005, 15, 315-322.	6.7	22
492	Functional Macromolecules with Electron-Donating Dithiafulvene Unit. <i>Advances in Polymer Science</i> , 2004, , 81-106.	0.8	13
493	Novel [2.2]Paracyclophane-Fluorene-Based Conjugated Copolymers: Synthesis, Optical, and Electrochemical Properties. <i>Macromolecules</i> , 2004, 37, 4099-4103.	4.8	55
494	Synthesis and modification reaction of organoboron segmented block copolymer of allyl-telechelic poly(isobutylene). <i>Polymer Bulletin</i> , 2004, 52, 25.	3.3	2
495	Synthesis of Nanocomposites of Metal Nanoparticles Utilizing Miscible Polymers. <i>Polymer Bulletin</i> , 2004, 52, 171.	3.3	33
496	Synthesis and Properties of PPV-Based (Arene)Cr(CO) ₃ -Containing Polymers Having Alkyldiphenylamine or Triarylamine in the Main Chain. <i>Polymer Bulletin</i> , 2004, 52, 141.	3.3	1
497	Synthesis and Properties of Cross-Linked Poly(vinylene-arsine). <i>Polymer Bulletin</i> , 2004, 52, 191-199.	3.3	10
498	Synthesis and characterization of stereoregular poly(methyl methacrylate)-silica hybrid utilizing stereocomplex formation. <i>Journal of Polymer Science Part A</i> , 2004, 42, 785-794.	2.3	22
499	Radical copolymerization of cyclic diarsine with vinyl monomers. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3023-3028.	2.3	11
500	Synthesis of poly(vinylene arsine)s through the ring-collapsed radical alternating copolymerization of an organoarsenic homocycle with aliphatic acetylenes and their properties. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3604-3611.	2.3	13
501	Synthesis of π -conjugated poly(dithiafulvene) by cycloaddition polymerization of aldothioiketene from a bis(1,2,3-thiadiazole) monomer. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5872-5876.	2.3	3
502	Synthesis and properties of the [2.2]paracyclophane-containing conjugated polymer with benzothiadiazole as an electron acceptor. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5891-5899.	2.3	44
503	Scintillation materials for neutron imaging detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 529, 274-279.	1.6	35
504	Organic scintillators containing 10B for neutron detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 529, 329-331.	1.6	16

#	ARTICLE	IF	CITATIONS
505	Synthesis and properties of PPE-type conjugated polymers containing tricarbonyl(arene)chromium unit in the main chain. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1271-1276.	1.8	8
506	Synthesis and characterization of organometallic conjugated polymers containing tricarbonyl(arene)chromium unit and platinum. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2684-2689.	1.8	14
507	Different shapes of spherical vaterite by photo-induced cis \rightarrow trans isomerization of an azobenzene-containing polymer in a mixture of dimethyl sulfoxide and water. <i>Journal of Crystal Growth</i> , 2004, 270, 655-661.	1.5	3
508	Spontaneous Ring-Collapsed Alternating Copolymerization of a Homocyclic Arsenic Compound and Phenylacetylene. <i>Macromolecules</i> , 2004, 37, 5952-5958.	4.8	30
509	Radical Terpolymerization of Organoarsenic Homocycle, Phenylacetylene, and Vinyl or Butadienyl Monomers. <i>Macromolecules</i> , 2004, 37, 3623-3629.	4.8	10
510	Tapping Mode AFM Evidence for an Amorphous Reticular Phase in a Condensation-Cured Hybrid Elastomer: $\sim 1\%$ -Dihydroxypoly(dimethylsiloxane)/Poly(diethoxysiloxane)/Fumed Silica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2004, 126, 12284-12285.	13.7	35
511	Photochemical Assembly of Gold Nanoparticles Utilizing the Photodimerization of Thymine. <i>Langmuir</i> , 2004, 20, 1972-1976.	3.5	35
512	Radical Copolymerization of Acetylenic Compounds with Phenyl-Substituted Cyclooligoarsine: A Substituent Effect and Optical Properties. <i>Macromolecules</i> , 2004, 37, 1271-1275.	4.8	38
513	Synthesis of Photosensitive Organic \sim Inorganic Polymer Hybrids by Utilizing Caged Photoactivatable Alkoxysilane. <i>Macromolecules</i> , 2004, 37, 5916-5922.	4.8	24
514	Synthesis of Organic \sim Inorganic Polymer Hybrids Controlled by Diels \sim Alder Reaction. <i>Macromolecules</i> , 2004, 37, 9793-9797.	4.8	83
515	Synthesis of Gold Nanoparticles Modified with Ionic Liquid Based on the Imidazolium Cation. <i>Journal of the American Chemical Society</i> , 2004, 126, 3026-3027.	13.7	543
516	Self-organized Nanocomposites of Functionalized Gold Nanoparticles with Octa(3-aminopropyl)octasilsesquioxane. <i>Chemistry Letters</i> , 2004, 33, 216-217.	1.3	18
517	Synthesis of Poly(vinyl chloride) and Silica Gel Polymer Hybrids via CH \sim I Interaction. <i>Polymer Journal</i> , 2004, 36, 871-877.	2.7	17
518	Preparation of Gold Nanoparticles Protected by a Cubic Silsesquioxane and Their Monolayer Formation on a Glass Substrate. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 1767-1771.	3.2	13
519	Synthesis of Organic \sim Inorganic Polymer Hybrids from Ammoniumpropyl-Functionalized Polyhedral Oligomeric Silsesquioxane. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 2115-2119.	3.2	10
520	Control Crystallization of Calcium Carbonate in Aqueous Solution with In-Situ Radical Polymerization of Sodium Acrylate as a Latent Inductor for Crystal Nucleation and Growth. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 827-833.	3.2	6
521	Self-organized Wire-like Aggregates of Palladium Nanoparticles with Poly(amidoamine)dendrimer. <i>Chemistry Letters</i> , 2004, 33, 1236-1237.	1.3	10
522	Novel Synthesis of Submicrometer Silica Spheres in Non-alcoholic Solvent by Microwave-assisted Sol \sim Gel Method. <i>Chemistry Letters</i> , 2004, 33, 1504-1505.	1.3	17

#	ARTICLE	IF	CITATIONS
523	The Sea Urchin-shaped CaCO ₃ via Template Mineralization on Surface-functionalized Vaterite Particles by Tiopronin-protected Gold Nanoparticles. <i>Chemistry Letters</i> , 2004, 33, 310-311.	1.3	4
524	Organic-Inorganic Hybrid Materials Based on Silsesquioxanes. <i>Springer Series in Materials Science</i> , 2004, , 197-208.	0.6	0
525	Synthesis and Properties of a Novel Through-Space Conjugated Polymer with [2.2]Paracyclophane and Ferrocene in the Main Chain. <i>Macromolecules</i> , 2003, 36, 9319-9324.	4.8	72
526	Synthesis of organic-inorganic star-shaped polyoxazolines using octafunctional silsesquioxane as an initiator. <i>Polymer Bulletin</i> , 2003, 49, 341-348.	3.3	50
527	Synthesis and Properties of Novel Poly(p -phenylenevinylene)s Containing a Tricarbonyl(arene)chromium Unit in the Main Chain. <i>Polymer Bulletin</i> , 2003, 50, 39-46.	3.3	13
528	Stable crosslinked π -conjugated boron containing polymers prepared by hydroboration polymerization or allylboration polymerization. <i>Polymer Bulletin</i> , 2003, 51, 9-16.	3.3	20
529	Unique crystal morphology of hydrophobic CaCO ₃ composite by sodium trisilanolate in a mixture of a water-miscible organic solvent and water. <i>Journal of Crystal Growth</i> , 2003, 259, 411-418.	1.5	10
530	Effect of anionic dendrimers on the crystallization of calcium carbonate in aqueous solution. <i>Comptes Rendus Chimie</i> , 2003, 6, 1193-1200.	0.5	23
531	Poly(cyclodiborazane)s. <i>Journal of Organometallic Chemistry</i> , 2003, 680, 27-30.	1.8	21
532	Synthesis and properties of π -conjugated dithiafulvene oligomers by addition of a monofunctionalized compound. <i>Journal of Polymer Science Part A</i> , 2003, 41, 708-715.	2.3	4
533	Polymer hybrids with functionalized silsesquioxanes via two physical interactions in one system. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1306-1315.	2.3	32
534	Controlled polymerization of activated glycine esters by copper(II) chelate. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1504-1510.	2.3	9
535	Synthesis of Organic-Inorganic Polymer Hybrids by Means of Host-Guest Interaction Utilizing Cyclodextrin. <i>Macromolecules</i> , 2003, 36, 654-660.	4.8	45
536	Synthesis and Properties of First Well-Defined Phosphole-Containing π -Conjugated Polymers. <i>Macromolecules</i> , 2003, 36, 2594-2597.	4.8	89
537	Tetrathiafulvalene-Assisted Formation of Silver Dendritic Nanostructures in Acetonitrile. <i>Langmuir</i> , 2003, 19, 6242-6246.	3.5	61
538	Synthesis and characterization of transparent poly(2-methyl-2-oxazoline) (POZO)-vanadium oxide (V ₂ O ₅) hybrids with reversible formation. <i>Journal of Materials Chemistry</i> , 2003, 13, 2202-2207.	6.7	9
539	Temperature-Dependent Reversible Self-Assembly of Gold Nanoparticles into Spherical Aggregates by Molecular Recognition between Pyrenyl and Dinitrophenyl Units. <i>Langmuir</i> , 2003, 19, 5496-5501.	3.5	64
540	Synthesis and Properties of Novel π -Conjugated Polymers with Alternating Organosilicon and [2.2]Paracyclophane Units in the Main Chain. <i>Organometallics</i> , 2003, 22, 3553-3557.	2.3	62

#	ARTICLE	IF	CITATIONS
541	Preparation of Oriented Ultrathin Films via Self-Assembly Based on Charge Transfer Interaction between π -Conjugated Poly(dithiafulvene) and Acceptor Polymer. <i>Macromolecules</i> , 2003, 36, 533-535.	4.8	28
542	Synthesis of New Fluorescent Organoboron Polymers Based on Pyrazaboles. <i>Macromolecules</i> , 2003, 36, 5516-5519.	4.8	43
543	Electrical conductivity of π -conjugated organoboron polymers upon n-type doping. <i>Synthetic Metals</i> , 2003, 135-136, 393-394.	3.9	20
544	Organic-Inorganic Polymer Hybrids Using Polyoxazoline Initiated by Functionalized Silsesquioxane. <i>Macromolecules</i> , 2003, 36, 867-875.	4.8	137
545	Effect of Gold Nanoparticles as a Support for the Oligomerization of L-Cysteine in an Aqueous Solution. <i>Langmuir</i> , 2003, 19, 5546-5549.	3.5	60
546	Organic-Inorganic hybrid gels having functionalized silsesquioxanes. <i>Journal of Materials Chemistry</i> , 2003, 13, 1384-1391.	6.7	55
547	Effect of Anionic Polyamidoamine Dendrimers on the Crystallization of Calcium Carbonate by Delayed Addition Method. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1687-1691.	3.2	13
548	Synthesis and Properties of Conjugated Copolymer Based on Poly(p-phenylenevinylene) Containing Tricarbonyl(arene)chromium and Thiophene Units in the Main Chain. <i>Polymer Journal</i> , 2003, 35, 446-449.	2.7	4
549	Synthesis and Optical Properties of Novel Through-Space π -Conjugated Polymers Having a Dithia[3.3]metacyclopentane Skeleton in the Main Chain. <i>Polymer Journal</i> , 2003, 35, 501-506.	2.7	35
550	Thermal and Solvent-Resistant Properties of Organic-Inorganic Polymer Hybrids Having Interpenetrating Polymer Network Structure by Formation of Metal-Bipyridyl Complex. <i>Polymer Journal</i> , 2003, 35, 178-184.	2.7	8
551	Synthesis of Organic-Inorganic Polymer Hybrids Utilizing Amphiphilic Solvent as a Compatibilizer. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1865-1871.	3.2	19
552	Synthesis of Novel Stable Nanometer-Sized Metal (M = Pd, Au, Pt) Colloids Protected by a π -Conjugated Polymer. <i>Langmuir</i> , 2002, 18, 277-283.	3.5	124
553	π -Conjugated Organoboron Polymer as an Anion Sensor. <i>Polymer Journal</i> , 2002, 34, 967-969.	2.7	119
554	A new type of block copolymerization with one-shot feeding of two monomers. <i>Macromolecular Symposia</i> , 2002, 183, 53-64.	0.7	18
555	Effect of Anionic 4.5-Generation Polyamidoamine Dendrimer on the Formation of Calcium Carbonate Polymorphs. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 2541-2546.	3.2	17
556	Intramolecular Charge-Transfer Polymers between Dithiafulvene and Pyridinium Units: Conjugative Effect through Saturated Polymethylene Chains. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 2673-2679.	3.2	3
557	Synthesis of Novel Alternating π -Conjugated Copolymers Having [2.2]Paracyclopentane and Fluorene Units in the Main Chain Leading to the Blue Light-Emitting Materials. <i>Chemistry Letters</i> , 2002, 31, 194-195.	1.3	54
558	Self-Complexation of a Poly-Conjugated Donor Molecule with a Cyclic Acceptor. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 2053-2057.	3.2	8

#	ARTICLE	IF	CITATIONS
559	A Simple In Situ Hydrogen Bond Interaction to Homogeneous Dispersion of Gold Nanoparticles in SiO ₂ Matrix Using Dendrimer as Template. <i>Chemistry Letters</i> , 2002, 31, 1170-1171.	1.3	3
560	π-Conjugated Poly(dithiafulvene)s and Poly(diselenafulvene)s: Effects of Side Alkyl Chains on Optical, Electrochemical, and Conducting Properties. <i>Macromolecules</i> , 2002, 35, 3539-3543.	4.8	14
561	Synthesis of Poly(vinylene-arsine)s: Alternating Radical Copolymerization of Arsenic Atomic Biradical Equivalent and Phenylacetylene. <i>Journal of the American Chemical Society</i> , 2002, 124, 6600-6603.	13.7	68
562	Synthesis of Organic-Inorganic Polymer Hybrids Having Interpenetrating Polymer Network Structure by Formation of Ruthenium-Bipyridyl Complex. <i>Macromolecules</i> , 2002, 35, 334-338.	4.8	97
563	Preparation, Optical Spectroscopy, and Electrochemical Studies of Novel π-Conjugated Polymer-Protected Stable PbS Colloidal Nanoparticles in a Nonaqueous Solution. <i>Langmuir</i> , 2002, 18, 5287-5292.	3.5	61
564	Self-Organization of Spherical Aggregates of Palladium Nanoparticles with a Cubic Silsesquioxane. <i>Nano Letters</i> , 2002, 2, 1183-1186.	9.1	93
565	Synthesis of Novel π-Conjugated Polymers Having [2.2]Paracyclophane Skeleton in the Main Chain. Extension of π-Conjugated Length via the Through-Space. <i>Macromolecules</i> , 2002, 35, 587-589.	4.8	88
566	π-Conjugated Polymers with Electroactive Thioketene Dimer Unit. <i>Macromolecules</i> , 2002, 35, 3806-3809.	4.8	8
567	Synthesis of silver dendritic nanostructures protected by tetrathiafulvalene. <i>Chemical Communications</i> , 2002, , 1300-1301.	4.1	70
568	Preparation of hydrophobic CaCO ₃ composite particles by mineralization with sodium trisilanolate in a methanol solution. <i>Journal of Materials Chemistry</i> , 2002, 12, 2449-2452.	6.7	32
569	Effect of Anionic Starburst Dendrimers on the Crystallization of CaCO ₃ in Aqueous Solution: Size Control of Spherical Vaterite Particles. <i>Langmuir</i> , 2002, 18, 3655-3658.	3.5	194
570	Synthesis of novel poly(cyclodiborazane)s containing transition metal complexes in the main chain and their properties. <i>Polymer Bulletin</i> , 2002, 48, 119-125.	3.3	14
571	Synthesis and properties of conjugated copolymers having a tricarbonyl(arene)chromium and thiophene units in the main chain. <i>Polymer Bulletin</i> , 2002, 48, 243-249.	3.3	13
572	Synthesis and optical properties of the [2.2]paracyclophane-containing π-conjugated polymer with a diacetylene unit. <i>Polymer Bulletin</i> , 2002, 49, 209-215.	3.3	37
573	Polymer hybrids of functionalized silsesquioxanes and organic polymers utilizing the sol-gel reaction of tetramethoxysilane. <i>Polymer</i> , 2002, 43, 1171-1175.	3.8	76
574	Synthesis and Properties of Novel Through-Space π-Conjugated Polymers Based on Poly(p-phenylenevinylene)s Having a [2.2]Paracyclophane Skeleton in the Main Chain. <i>Macromolecules</i> , 2002, 35, 7872-7877.	4.8	70
575	Synthesis of poly(diallyl phthalate) and silica gel polymer hybrids utilizing π-π interactions. <i>Silicon Chemistry</i> , 2002, 1, 409-416.	0.8	7
576	Preparation of a novel core-shell nanostructured gold colloid-silk fibroin bioconjugate by the protein in situ redox technique at room temperature. <i>Chemical Communications</i> , 2001, , 2518-2519.	4.1	115

#	ARTICLE	IF	CITATIONS
577	Facilitated d π -p π^* Transition in a Novel Organoboron π -Conjugated Polymer Including a Ruthenium π -Phosphine Complex. Organometallics, 2001, 20, 2425-2427.	2.3	49
578	Preparation of π -conjugated polymer-protected gold nanoparticles in stable colloidal form. Chemical Communications, 2001, , 613-614.	4.1	55
579	New Preparation Methods for Organic π -Inorganic Polymer Hybrids. MRS Bulletin, 2001, 26, 389-392.	3.5	66
580	Synthesis and luminescent properties of bithiazole and dithiafulvene derivatives. Synthetic Metals, 2001, 121, 1689-1690.	3.9	8
581	Synthesis of a π -Conjugated Poly(thioketene dimer) and Its Electron-Donating Property. Macromolecules, 2001, 34, 346-348.	4.8	12
582	Synthesis of Poly(cyclodiborazane)s by Hydroboration Polymerization of Dicyanooligothiophenes and Their Light-Emitting Properties. Macromolecules, 2001, 34, 7331-7335.	4.8	25
583	Electron-Accepting System of Si π -Si Bond in Linear Framework by Combination with Strong Donor. Journal of the American Chemical Society, 2001, 123, 6209-6210.	13.7	12
584	Synthesis of Poly(cyclodiborazane)s Bearing a Disilanylene Unit and Their Optical and Electrochemical Properties. Macromolecules, 2001, 34, 3510-3511.	4.8	20
585	Synthesis of Soluble Complexan Polymers in Organic Solvents for Using as a Polymer π -Chelate Precursor to YBa ₂ Cu ₃ O _{7-x} Thin Films. Bulletin of the Chemical Society of Japan, 2001, 74, 571-577.	3.2	6
586	Synthesis of Novel π - π Conjugated Polymers by Alternating Boration Copolymerization between 1,2-Diethynyl-1,1,2,2-tetramethyldisilane and Aromatic Diynes. Polymer Journal, 2001, 33, 383-386.	2.7	9
587	Organic-inorganic polymer hybrids using octasilsesquioxanes with hydroxyl groups. Polymer Bulletin, 2001, 46, 351-356.	3.3	18
588	Synthesis of palladium clusters with surface initiator for polymerization of 2-methyl-2-oxazoline. Polymer Bulletin, 2001, 46, 357-362.	3.3	7
589	Synthesis of novel π -conjugated boron polymers containing transition metal in the main chain and their optical properties. Polymer Bulletin, 2001, 46, 257-262.	3.3	25
590	Synthesis and characterization of liquid-crystalline silsesquioxanes. Polymer Bulletin, 2001, 46, 15-21.	3.3	22
591	Stable organoboron polymers prepared by hydroboration polymerization of dienes with tripylborane. Polymer Bulletin, 2001, 46, 23-28.	3.3	7
592	Hydrocarbon separation via porous glass membranes surface-modified using organosilane compounds. Journal of Membrane Science, 2001, 182, 139-149.	8.2	54
593	Synthesis and properties of oxygen-, methylene-, and alkylene-bridged poly(dithiafulvene)s. Journal of Polymer Science Part A, 2001, 39, 3593-3603.	2.3	0
594	Liquid-crystalline organic-inorganic hybrid polymers with functionalized silsesquioxanes. Journal of Polymer Science Part A, 2001, 39, 4035-4043.	2.3	56

#	ARTICLE	IF	CITATIONS
595	Alternating π -conjugated copolymer of dithiafulvene with 2,2'-bipyridyl units. Journal of Polymer Science Part A, 2001, 39, 4083-4090.	2.3	14
596	Control of Crystal Nucleation and Growth of Calcium Carbonate by Synthetic Substrates. Chemistry of Materials, 2001, 13, 3245-3259.	6.7	285
597	Linearly Extended π -Conjugated Dithiafulvene Polymer Formed Soluble Charge-Transfer Complex with 7,7,8,8-Tetracyanoquinodimethane. Polymer Journal, 2000, 32, 435-439.	2.7	33
598	Synthesis and Characterization of New Side-Chain Liquid Crystalline Polyoxazolines. Polymer Journal, 2000, 32, 657-664.	2.7	3
599	Stable organoboron polymers prepared by hydroboration polymerization of diynes with mesitylborane. Polymer, 2000, 41, 5047-5051.	3.8	16
600	Photochromic organic-inorganic polymer hybrids from spiropyran-modified poly(N , N) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (-di	3.3	19
601	Preparation of CaCO ₃ /polymer composite films via interaction of anionic starburst dendrimer with poly(ethylenimine). Polymer Bulletin, 2000, 45, 447-450.	3.3	19
602	Formation of IPN organic-inorganic polymer hybrids utilizing the photodimerization of thymine. Polymer Bulletin, 2000, 45, 9-16.	3.3	15
603	Novel π -conjugated organoboron polymers: Poly (ethynylene-phenylene-ethynylene-borane)s. Polymer Bulletin, 2000, 44, 431-436.	3.3	29
604	Preparation of Soluble Poly(azomethine)s Having the β^2 -Diketonate Metal Complex in the Main Chain. Polymer Journal, 2000, 32, 316-320.	2.7	3
605	Synthesis and Optical Properties of Soluble Isoxazole-Containing Poly(p-phenylene)-Related Polymer. Polymer Journal, 2000, 32, 73-74.	2.7	5
606	Preparation of Polymer Complexes by Coordination of 2,2'-Bipyridyl-Modified Organic Polymer with Ruthenium Ion. Molecular Crystals and Liquid Crystals, 2000, 342, 87-90.	0.3	2
607	Neutral Alkoxysilanes from Silica. Journal of the American Chemical Society, 2000, 122, 10063-10072.	13.7	54
608	A Polymer with Two Different Redox Centers in the π -Conjugated Main Chain: Alternate Combinations of Ferrocene and Dithiafulvene. Macromolecules, 2000, 33, 6965-6969.	4.8	48
609	Thermally Reversible IPN Organic-Inorganic Polymer Hybrids Utilizing the Diels-Alder Reaction. Macromolecules, 2000, 33, 4343-4346.	4.8	178
610	A novel inorganic-organic hybrid membrane for oxygen/nitrogen separation containing a cobalt(ii) Schiff base complex as oxygen carrier using poly(N-vinylpyrrolidone) as mediator. Chemical Communications, 2000, , 2477-2478.	4.1	19
611	Synthesis and Properties of π -Conjugated Poly(dithiafulvene)s by Cycloaddition Polymerization of Heteroaromatic Bisthioketenes. Macromolecules, 2000, 33, 4733-4737.	4.8	27
612	Synthesis and Properties of Alternating Acceptor-Donor π -Conjugated Copolymers of Cyclodiborazane with Dithiafulvene. Macromolecules, 2000, 33, 7467-7470.	4.8	24

#	ARTICLE	IF	CITATIONS
613	Synthesis of π -Conjugated Poly(cyclodiborazane)s by Organometallic Polycondensation. <i>Macromolecules</i> , 2000, 33, 8146-8148.	4.8	22
614	π -Conjugated Poly(cyclodiborazane)s with Intramolecular Charge Transferred Structure. <i>Macromolecules</i> , 2000, 33, 3956-3957.	4.8	37
615	Alternating Boration Copolymerization between Diynes and Diisocyanates. Organoboron Polymers Bearing Monomeric Iminoborane in Their Main Chain. <i>Macromolecules</i> , 2000, 33, 2801-2806.	4.8	24
616	Time-Resolved Dynamic Light Scattering Study on the Dynamics of Silica Gels during Gelation Process. <i>Macromolecules</i> , 2000, 33, 900-905.	4.8	68
617	Control of crystal polymorphs by a "latent inductor" TM : crystallization of calcium carbonate in conjunction with in situ radical polymerization of sodium acrylate in aqueous solution. <i>Chemical Communications</i> , 2000, , 1537-1538.	4.1	47
618	Solvatochromic Characterization of Organic-Inorganic Polymer Hybrids with PyridiniumN-Phenolate Betaine Dyes. <i>Macromolecules</i> , 2000, 33, 3059-3064.	4.8	17
619	Application of organic-inorganic polymer hybrids as selective gas permeation membranes. <i>Journal of Materials Chemistry</i> , 1999, 9, 1741-1746.	6.7	45
620	Novel Aprotic Polar Polymers V. Synthesis of Poly(HMPA) by Ring-Opening Polymerization. <i>Polymer Journal</i> , 1999, 31, 506-509.	2.7	3
621	Thermoresponsive Organic-Inorganic Polymer Hybrids from Poly(N-isopropylacrylamide). <i>Polymer Journal</i> , 1999, 31, 258-262.	2.7	23
622	Title is missing!. <i>Journal of Inorganic and Organometallic Polymers</i> , 1999, 9, 179-188.	1.5	4
623	Synthesis of hydroboration copolymer of TCNQ and formation of polymer charge transfer complex therefrom. <i>Polymer Bulletin</i> , 1999, 42, 33-40.	3.3	2
624	Synthesis of polymers having 1,3-cyclobutanedione unit in the main chain by cycloaddition polymerization of bisketene. <i>Polymer Bulletin</i> , 1999, 42, 367-372.	3.3	3
625	Synthesis of π -conjugated organoboron polymers by haloboration-phenylboration polymerization of aromatic diynes. <i>Polymer Bulletin</i> , 1999, 42, 505-510.	3.3	14
626	Synthesis of a star-shaped polymer by coordination of 2,2'-bipyridyl-terminated poly(propylene glycol) with ruthenium ion. <i>Polymer Bulletin</i> , 1999, 43, 9-12.	3.3	8
627	Alternating boration copolymerization between diyne and bisallene. <i>Polymer Bulletin</i> , 1999, 43, 117-120.	3.3	4
628	Synthesis of poly(cyclodiborazane)s by hydroboration polymerization of dicyano compounds with tripylborane. <i>Polymer Bulletin</i> , 1999, 43, 151-155.	3.3	10
629	Synthesis of poly(N,N-dimethylcarbamoylmethylene) as a polymer homolog of N,N-dimethylacetamide. <i>Polymer Bulletin</i> , 1999, 43, 183-190.	3.3	10
630	π -Conjugated Poly(dithiafulvene) by Cycloaddition Polymerization of Aldothioketene with Its Alkynethiol Tautomer. Polymerization, Optical Properties, and Electrochemical Analysis. <i>Macromolecules</i> , 1999, 32, 4641-4646.	4.8	35

#	ARTICLE	IF	CITATIONS
631	The effect of an anionic starburst dendrimer on the crystallization of CaCO ₃ in aqueous solution. Chemical Communications, 1999, , 1931-1932.	4.1	101
632	Time-Resolved Dynamic Light Scattering Studies on Gelation Process of Organic~Inorganic Polymer Hybrids. Macromolecules, 1999, 32, 1528-1533.	4.8	46
633	Synthesis of Polystyrene and Silica Gel Polymer Hybrids Utilizing Ionic Interactions. Chemistry of Materials, 1999, 11, 1719-1726.	6.7	104
634	Synthesis of Poly(oxyethylene)-Grafted Palladium Clusters. Chemistry of Materials, 1999, 11, 849-851.	6.7	45
635	Synthesis of Organoboron Î€-Conjugated Polymers by Hydroboration Polymerization between Heteroaromatic Diynes and Mesitylborane and Their Light Emitting Properties. Macromolecules, 1999, 32, 4467-4469.	4.8	76
636	Synthesis of Highly Optically Active Polysulfoxides by Asymmetric Oxidation of Polysulfides. Macromolecules, 1999, 32, 7732-7736.	4.8	25
637	Polymer Homologue of DMSO:Â Synthesis of Poly(ethylene sulfoxide) by Selective Oxidation of Poly(ethylene sulfide). Macromolecules, 1999, 32, 5240-5242.	4.8	38
638	Isomerization Behavior of Azobenzene Chromophores Attached to the Side Chain of Organic Polymer in Organic~Inorganic Polymer Hybrids. Macromolecules, 1999, 32, 1013-1017.	4.8	52
639	Effect of solvent polarity on enzymatic function of poly [(<i>N</i> -acylimino)ethylene] modified lipase. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1999, 75, 49-53.	3.8	2
640	Synthesis of poly(vinyl alcohol) / silica gel polymer hybrids by in-situ hydrolysis method. Applied Organometallic Chemistry, 1998, 12, 755-762.	3.5	59
641	Metal-induced soluble bending structure of polyazomethine having a tetradentate ligand in the main chain. Macromolecular Rapid Communications, 1998, 19, 523-525.	3.9	3
642	Novel aprotic polar polymers. Polymer Bulletin, 1998, 40, 503-508.	3.3	7
643	Novel aprotic polar polymers. Polymer Bulletin, 1998, 40, 615-621.	3.3	4
644	Synthesis of polymer having Î²,Î²-triketone unit in the main chain and its copper (II) complex. Polymer Bulletin, 1998, 40, 701-706.	3.3	2
645	Synthesis of a star-shaped polymer having tris (Î² -diketonato)chromium(III) at the center core. Polymer Bulletin, 1998, 41, 263-266.	3.3	12
646	Synthesis of Photoresponsive Organic~Inorganic Polymer Hybrids from Azobenzene-Modified Poly(2-methyl-2-oxazoline). Macromolecules, 1998, 31, 532-534.	4.8	21
647	Synthesis of IPN polymer hybrids of polystyrene gel and silica gel by an in-situ radical polymerization method. Journal of Materials Chemistry, 1998, 8, 1113.	6.7	47
648	Extension of Î€-Conjugation Length via the Vacant p-Orbital of the Boron Atom. Synthesis of Novel Electron Deficient Î€-Conjugated Systems by Hydroboration Polymerization and Their Blue Light Emission. Journal of the American Chemical Society, 1998, 120, 5112-5113.	13.7	274

#	ARTICLE	IF	CITATIONS
649	Boration Copolymerization between Diynes and Diisocyanates. Novel Alternating Copolymerization Strategy. <i>Macromolecules</i> , 1998, 31, 3155-3157.	4.8	24
650	Alkoxyboration Polymerization. Synthesis of Novel Poly(boronic carbamate)s. <i>Macromolecules</i> , 1998, 31, 3802-3806.	4.8	22
651	Poly(p-phenylene-borane)s. Novel Organoboron π -Conjugated Polymers via Grignard Reagent. <i>Journal of the American Chemical Society</i> , 1998, 120, 10776-10777.	13.7	142
652	Synthesis of π -Conjugated Poly(dithiafulvene) by Cycloaddition Polymerization of Aldothioketene with Its Alkynethiol Tautomer. <i>Macromolecules</i> , 1998, 31, 7570-7571.	4.8	33
653	Synthesis of Poly(N,N-dimethylacrylamide)/Silica Gel Polymer Hybrids by in situ Polymerization Method. <i>Polymer Journal</i> , 1998, 30, 60-65.	2.7	66
654	Synthesis of polystyrene and silica gel polymer hybrids via π - π interactions. <i>Chemical Communications</i> , 1998, , 1131-1132.	4.1	90
655	Synthesis of chitosan/silica gel polymer hybrids. <i>Composite Interfaces</i> , 1998, 6, 259-272.	2.3	14
656	Novel Aprotic Polar Polymers IV. Synthesis of Poly[N-bis(dimethylamino)phosphorylethylenimine] as a Polymer Homolog of Hexamethylphosphoramide. <i>Polymer Journal</i> , 1998, 30, 1008-1010.	2.7	6
657	Hydroboration Polymerization of Dicyanoanthracene Using Mesitylborane. <i>Macromolecules</i> , 1998, 31, 8047-8050.	4.8	16
658	Reversible Formation of Interpenetrating Polymer Network Structure in Organic-Inorganic Polymer Hybrids. <i>Polymer Journal</i> , 1998, 30, 990-995.	2.7	34
659	Synthesis of IPN Polymer Hybrids by In-Situ Radical Polymerization Method and Their High Resistivity to Solvent Extraction. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 2749-2756.	3.2	24
660	Synthesis of Poly(cyclodiborazane)s by Hydroboration Polymerization Using Mesitylborane. <i>Polymer Journal</i> , 1998, 30, 833-837.	2.7	24
661	Synthesis of poly(vinyl alcohol) / silica gel polymer hybrids by in-situ hydrolysis method. , 1998, 12, 755.		1
662	Synthesis of poly(cyclodiborazane)s by allylboration polymerization of dicyano compounds with trimethallylborane. <i>Macromolecular Symposia</i> , 1997, 122, 83-88.	0.7	2
663	Hydroboration, haloboration and phenylboration polymerizations. <i>Macromolecular Symposia</i> , 1997, 118, 111-116.	0.7	8
664	Preparation and Esterification Activity of Poly[(N-Propionyl)-Iminoethylene] Modified Lipase from <i>Candida Cylindracea</i> . <i>Biocatalysis and Biotransformation</i> , 1997, 15, 91-100.	2.0	1
665	Effect of Modifier on Enzymatic Function of Poly[(N-Acylimino)ethylene]-Modified Lipases in Organic Solvents. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997, 34, 35-48.	2.2	3
666	Chemical Modification of Lipase with Poly[(N-Acylimino)ethylene]s Having a Hydrophobic Component at the Polymer End. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997, 34, 123-132.	2.2	1

#	ARTICLE	IF	CITATIONS
667	Novel aprotic polar polymers. Polymer Bulletin, 1997, 38, 379-386.	3.3	13
668	Polyamide-silica gel hybrids containing metal salts: Preparation via the sol-gel reaction. Polymer Bulletin, 1997, 38, 501-508.	3.3	17
669	Synthesis of novel organoboron polymers by hydroboration polymerization of bisallene compounds. Polymer Bulletin, 1997, 38, 531-536.	3.3	25
670	Synthesis of novel organoboron polymers by haloboration polymerization of bisallene compounds and their reactions. Polymer Bulletin, 1997, 39, 295-302.	3.3	12
671	Synthesis of polystyrene/silica gel polymer hybrids by in-situ polymerization method. Polymer Bulletin, 1997, 39, 303-310.	3.3	56
672	Synthesis of a star-shaped polymer via coordination of ester-linked pyridyl-terminated poly(oxyethylene) with ru(II). Macromolecular Rapid Communications, 1997, 18, 1025-1032.	3.9	23
673	Polyimide-Silica Gel Hybrids Containing Metal Salts: Preparation via the Sol-Gel Reaction. Applied Organometallic Chemistry, 1997, 11, 153-161.	3.5	39
674	Gelation of Styrene-Acrylonitrile Copolymer via Cyclodiborazane Formation. Nihon Reoroji Gakkaishi, 1997, 25, 197-198.	1.0	0
675	Organic-inorganic hybrid materials. Current Opinion in Solid State and Materials Science, 1996, 1, 806-811.	11.5	151
676	The machinability of sintered carbons based on the correlation between tool wear rate and physical and mechanical properties. Wear, 1996, 195, 178-185.	3.1	11
677	Hydroboration Copolymerization of Dienes and Dicyano Compounds with Thexylborane. Polymer Journal, 1995, 27, 90-97.	2.7	4
678	Thermal stability of blends of poly(vinyl chloride) with polyester elastomer. Angewandte Makromolekulare Chemie, 1995, 226, 1-12.	0.2	9
679	Synthesis of Star-Shaped Polymers via Coordination of Bipyridyl-Terminated Polyoxyethylene with Metal Ions. Journal of Macromolecular Science - Pure and Applied Chemistry, 1995, 32, 1213-1223.	2.2	20
680	Synthesis of β -Bifunctional Fluorine-Containing Polysiloxanes by Hydrosilation Reaction. Journal of Macromolecular Science - Pure and Applied Chemistry, 1995, 32, 29-40.	2.2	13
681	Cutting performance and wear mechanism of alumina-based ceramic tools when machining austempered ductile iron. Wear, 1994, 174, 147-153.	3.1	32
682	Reactions of organoboron polymers prepared by hydroboration polymerization. Polymer Bulletin, 1994, 33, 623-628.	3.3	4
683	Synthesis of Organoboron Polymers by Hydroboration Polymerization. ACS Symposium Series, 1994, , 398-415.	0.5	7
684	Synthesis of poly(organoboron halide)s by hydroboration polymerization between diene and monobromoborane. Journal of the Chemical Society Chemical Communications, 1994, , 227.	2.0	20

#	ARTICLE	IF	CITATIONS
685	Control of pore size of porous silica by means of pyrolysis of an organic–inorganic polymer hybrid. Journal of the Chemical Society Chemical Communications, 1994, , 635-636.	2.0	74
686	Hydroboration Polymerization of Dicyano Compounds. 4. Synthesis of Stable Poly(cyclodiborazane)s from Dialkylboranes. Macromolecules, 1994, 27, 6714-6717.	4.8	31
687	Synthesis of Organic Inorganic Polymer Hybrids Containing Transition Metal Salts.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1994, 70, 138-142.	3.8	3
688	Synthesis of Poly(cyclodiborazane)s by the Reaction of Bis(silylimine)s with Chlorodialkylboranes or with Methyl Dialkylborinates. Polymer Journal, 1994, 26, 85-92.	2.7	10
689	Versatile Reactions of Organoboron Polymers Prepared by Hydroboration Polymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 1994, 31, 1647-1655.	2.2	9
690	Hydroboration Polymerization. , 1994, , 41-52.		0
691	Hydroboration of styryl-terminated polystyrene with bifunctional hexylborane. Polymer Bulletin, 1993, 30, 215-222.	3.3	4
692	Hydroboration polymerization of dicyano compounds. Polymer Bulletin, 1993, 31, 547-552.	3.3	14
693	Hydroboration polymerization of dicyano compounds. Polymer Bulletin, 1993, 31, 553-558.	3.3	21
694	Gelation of telechelic trimethoxysilyl-terminated polyoxazolines. Polymer Bulletin, 1993, 31, 311-316.	3.3	8
695	Synthesis of amphiphilic silane coupling agents based on poly(2-ethyl-2-oxazoline) and their reactions with tetraethoxysilane. Polymer Bulletin, 1993, 31, 317-322.	3.3	8
696	Failure of tungsten carbide-cobalt alloy tools in machining of carbon materials. Wear, 1993, 169, 135-140.	3.1	48
697	Synthesis of triethoxysilyl-terminated polyoxazolines and their cohydrolysis polymerization with tetraethoxysilane. Macromolecules, 1993, 26, 5681-5686.	4.8	113
698	Silver(I)-induced coupling polymerization of bifunctional organoboron compounds. Macromolecules, 1993, 26, 2643-2644.	4.8	6
699	Iron(II) bipyridyl-branched polyoxazoline complex as a thermally reversible hydrogel. Macromolecules, 1993, 26, 6315-6319.	4.8	107
700	Photogelation and redox properties of anthracene-disulfide-modified polyoxazolines. Macromolecules, 1993, 26, 5611-5614.	4.8	56
701	Synthesis and redox gelation of disulfide-modified polyoxazoline. Macromolecules, 1993, 26, 883-887.	4.8	80
702	Cobalt(III) bipyridyl-branched polyoxazoline complex as a thermally and redox reversible hydrogel. Macromolecules, 1993, 26, 6320-6323.	4.8	79

#	ARTICLE	IF	CITATIONS
703	Synthesis of Bipyridyl-Branched Polyoxazoline and Its Gelation by Means of Metal Coordination. Polymer Journal, 1993, 25, 599-608.	2.7	27
704	Reactions of Organoboron Polymers Prepared by Hydroboration Polymerization V. Synthesis of Polymers Having Cyano Groups by the Reaction with 2-Bromo-6-lithiopyridine. Polymer Journal, 1993, 25, 891-895.	2.7	8
705	Novel organoboron polymers hydroboration polymerization and haloboration polymerization. Makromolekulare Chemie Macromolecular Symposia, 1993, 70-71, 47-56.	0.6	10
706	Synthesis of Polyoxazoline-Polysiloxane Block Copolymers.. Kobunshi Ronbunshu, 1992, 49, 943-946.	0.2	1
707	Synthesis of Non-Ionic Hydrogel from Star-Shaped Polyoxazoline.. Polymer Journal, 1992, 24, 1301-1306.	2.7	23
708	Organic-inorganic polymer hybrids. Makromolekulare Chemie Macromolecular Symposia, 1992, 64, 1-9.	0.6	76
709	Organic polymer hybrids with silica gel formed by means of the sol-gel method. , 1992, , 11-29.		226
710	Allylboration polymerization. 1. Synthesis of boron-containing polymers by the reaction between triallylborane and dicyano compounds. Macromolecules, 1992, 25, 3005-3006.	4.8	20
711	Ring-opening isomerization polymerization of cyclic iminocarbonates. Macromolecules, 1992, 25, 5878-5885.	4.8	18
712	Hydroboration polymerization of dicyano compounds. 1. Synthesis of boron-containing polymers by the reaction between t-BuBH ₂ .cntdot.NMe ₃ and dicyano compounds. Macromolecules, 1992, 25, 27-32.	4.8	59
713	Hydroboration polymerization. 2. Synthesis of organoboron polymers by the reaction between diyne and thexylborane. Macromolecules, 1992, 25, 33-36.	4.8	36
714	Hydroboration copolymerization. Polymer Bulletin, 1992, 27, 375-382.	3.3	18
715	Reactions of organoboron polymers prepared by hydroboration polymerization. Polymer Bulletin, 1992, 29, 617-624.	3.3	12
716	Reactions of organoboron polymers prepared by hydroboration polymerization. 1. Synthesis of poly(alcohol) by reaction with carbon monoxide. Macromolecules, 1991, 24, 3010-3012.	4.8	16
717	Hydroboration polymerization. 1. Synthesis of organoboron polymers by polyaddition between diene and monoalkylborane. Macromolecules, 1991, 24, 345-348.	4.8	69
718	Boronate Oligomers via Dehydrogenation of Diols with Thexylborane. Polymer Journal, 1991, 23, 743-746.	2.7	11
719	Polymerization chemistry of the family of cyclic imino ethers. Makromolekulare Chemie Macromolecular Symposia, 1991, 47, 163-177.	0.6	5
720	Macromolecular engineering on the basis of the polymerization of 2-oxazolines. Makromolekulare Chemie Macromolecular Symposia, 1991, 51, 1-10.	0.6	41

#	ARTICLE	IF	CITATIONS
721	Reactions of organoboron polymers prepared by hydroboration polymerization. Polymer Bulletin, 1991, 26, 165-168.	3.3	15
722	Block copolymer of 2-methyl-2-oxazoline with silica gel an organic-inorganic hybrid polymer. Makromolekulare Chemie Macromolecular Symposia, 1991, 42-43, 303-312.	0.6	48
723	Synthesis of crown ether-terminated poly(methyl methacrylate) by radical chain transfer polymerization. Journal of Polymer Science Part A, 1990, 28, 59-65.	2.3	19
724	Functional polymers based on high hydrophilicity of poly(2-methyl-2-oxazoline). Makromolekulare Chemie Macromolecular Symposia, 1990, 33, 31-43.	0.6	16
725	One-shot block copolymerization. Makromolekulare Chemie Macromolecular Symposia, 1990, 32, 1-10.	0.6	28
726	An Organic/Inorganic Hybrid Polymer. Journal of Macromolecular Science Part A, Chemistry, 1990, 27, 1603-1612.	0.3	45
727	Preparation and enzymic activity of poly[(N-acylimino)ethylene]-modified catalase. Macromolecules, 1990, 23, 3201-3205.	4.8	61
728	Synthesis of nonionic hydrogel, lipogel, and amphigel by copolymerization of 2-oxazolines and a bisoxazoline. Macromolecules, 1990, 23, 1234-1237.	4.8	65
729	Haloboration polymerization. Novel organoboron polymers by polyaddition between boron tribromide and terminal diyne. Macromolecules, 1990, 23, 687-689.	4.8	31
730	Polyoxazoline having a coumarin moiety as a pendant group. Synthesis and photogelation. Macromolecules, 1990, 23, 2693-2697.	4.8	128
731	Reversible gelation of polyoxazoline by means of Diels-Alder reaction. Macromolecules, 1990, 23, 2636-2641.	4.8	249
732	An Organic/Inorganic Hybrid Polymer. Journal of Macromolecular Science - Pure and Applied Chemistry, 1990, 27, 1603-1612.	2.2	25
733	Synthesis of an amphigel by the terpolymerization of 2-methyl-2-oxazoline, 2-alkyl-2-oxazoline, and bis-oxazoline. Polymer Bulletin, 1989, 21, 353-356.	3.3	26
734	Synthesis, surface accumulation, and micellar properties of amphiphilic block copolymers. Journal of Polymer Science Part A, 1989, 27, 1883-1890.	2.3	5
735	Surface and solution properties of polysiloxane-poly(methyl methacrylate) graft copolymer. Journal of Polymer Science Part A, 1989, 27, 1907-1913.	2.3	6
736	Synthesis of aromatic dicarboxyl-terminated poly(methyl methacrylate) macromonomers. Journal of Polymer Science Part A, 1989, 27, 2007-2014.	2.3	24
737	A novel nonionic hydrogel from 2-methyl-2-oxazoline. Macromolecules, 1989, 22, 1074-1077.	4.8	52
738	A novel silane coupling agent. 1. Synthesis of trimethoxysilyl-terminated poly(N-acetylenimine). Macromolecules, 1989, 22, 2040-2043.	4.8	86

#	ARTICLE	IF	CITATIONS
739	Synthesis of polysiloxane-polyoxazoline graft copolymer by hydrosilylation reaction. Polymer Bulletin, 1988, 19, 435-440.	3.3	17
740	Synthesis of fluorine-containing graft copolyamides by using condensation-type macromonomers. Journal of Polymer Science Part A, 1988, 26, 2991-2996.	2.3	24
741	Synthesis of Aromatic Polyamide—Poly(methyl methacrylate) Graft Copolymers by the Macromonomer Method. Polymer Journal, 1988, 20, 407-411.	2.7	15
742	Synthesis of polysiloxane graft copolymers by hydrosilylation reactions. Die Makromolekulare Chemie, 1985, 186, 1203-1211.	1.1	24
743	Molecular Design of Interfacially Active Graft Copolymers by Macromonomer Method. Polymer Journal, 1985, 17, 133-141.	2.7	40
744	Synthesis of segmented copolyamides by using telechelic prepolymers. Die Makromolekulare Chemie, 1984, 185, 2077-2087.	1.1	9
745	Synthesis and Application of Polymerizable Silicone Oligomers from Water Glass. Polymer Journal, 1984, 16, 495-504.	2.7	7
746	Synthesis of polyurethane graft copolymers by polyaddition reaction of dihydroxyl-terminated macromonomers. Polymer Bulletin, 1982, 8, 239-244.	3.3	34
747	Specific two-step decarboxylation of copper(I,II) .beta.-ketocarboxylates. A novel type of regulation of the decarboxylation of .beta.-keto acids. Journal of Organic Chemistry, 1981, 46, 4980-4987.	3.2	7
748	Palladium(O)-mediated Formation of \hat{I}^3 -Methylene- \hat{I}^3 -butyrolactone from allyl 4-pentenoate. Synthetic Communications, 1981, 11, 775-780.	2.1	5
749	Syntheses of polyamide-poly(methyl methacrylate) graft copolymers by polycondensation reactions of macromonomers. Polymer Bulletin, 1981, 5, 361.	3.3	52
750	Facile generation of a reactive palladium(II) enolate intermediate by the decarboxylation of palladium(II) .beta.-ketocarboxylate and its utilization in allylic acylation. Journal of the American Chemical Society, 1980, 102, 6381-6384.	13.7	218
751	A copper(I)-bicarbonato complex. A water-stable reversible carbon dioxide carrier. Journal of the American Chemical Society, 1980, 102, 431-433.	13.7	51
752	Formation of \hat{I}^3 -Lactones by the Reaction of \hat{I}^{ϵ} -Allylnickel Complexes with Carbon Dioxide. Synthetic Communications, 1979, 9, 427-430.	2.1	28
753	Statistical prediction of air pollution levels using non-physical models. Automatica, 1979, 15, 441-451.	5.0	36
754	Preparation and transcarboxylation of magnesium(II) and manganese(II) 2-oxoimidazolidine-1-carboxylato-complexes. Journal of the Chemical Society Chemical Communications, 1979, , 797.	2.0	5
755	Catalytic activity of Cu(II)—poly(vinyl alcohol) complex for decomposition of hydrogen peroxide. Journal of Polymer Science: Polymer Chemistry Edition, 1978, 16, 447-455.	0.8	10
756	Copper complex acting as a reversible carbon dioxide carrier. Journal of the American Chemical Society, 1978, 100, 630-632.	13.7	26

#	ARTICLE	IF	CITATIONS
757	Copper(I) cyanoacetate as a carrier of activated carbon dioxide. Journal of the Chemical Society Chemical Communications, 1976, , 415.	2.0	26
758	The Predictions of Air Pollution Levels by Nonphysical Models Based on Kalman Filtering Method. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1976, 98, 375-386.	1.6	9
759	Photoinduced reactions. LXXXVII. Nonenzymic oxidation of p-hydroxyphenylpyruvic acid with singlet oxygen to homogentisic acid. Model for the action of p-hydroxyphenylpyruvate hydroxylase. Journal of the American Chemical Society, 1975, 97, 5272-5277.	13.7	55
760	Reversible carbon dioxide fixation by organocopper complexes. Journal of the Chemical Society Chemical Communications, 1975, , 963.	2.0	34
761	Measurement of initial conditions of a flying golf ball. , 0, , .		5
762	Regioregular and Regiosymmetric Polythiophenes. , 0, , 59-90.		15