

# Yoshiki Chujo

## List of Publications by Year in descending order

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762  
papers

26,995  
citations

8755

75  
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19749

117  
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805  
all docs

805  
docs citations

805  
times ranked

15375  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Advanced functional materials based on polyhedral oligomeric silsesquioxane (POSS). <i>Journal of Materials Chemistry</i> , 2012, 22, 1733-1746.	6.7	440
3	New Polymeric Materials Based on Element-Blocks. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 633-643.	3.2	311
4	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
5	Solid-State Emission of the Anthracene-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
6	Functionalization of Boron Diiminates with Unique Optical Properties: Multicolor Tuning of Crystallization-Induced Emission and Introduction into the Main Chain of Conjugated Polymers. <i>Journal of the American Chemical Society</i> , 2014, 136, 18131-18139.	13.7	297
7	Control of Crystal Nucleation and Growth of Calcium Carbonate by Synthetic Substrates. <i>Chemistry of Materials</i> , 2001, 13, 3245-3259.	6.7	285
8	Extension of $\pi$ -Conjugation Length via the Vacant p-Orbital of the Boron Atom. Synthesis of Novel Electron Deficient $\pi$ -Conjugated Systems by Hydroboration Polymerization and Their Blue Light Emission. <i>Journal of the American Chemical Society</i> , 1998, 120, 5112-5113.	13.7	274
9	C-Carborane-Based Anthracene: A Variety of Emission Behaviors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5084-5087.	13.8	260
10	Reversible gelation of polyoxazoline by means of Diels-Alder reaction. <i>Macromolecules</i> , 1990, 23, 2636-2641.	4.8	249
11	Emission via Aggregation of Alternating Polymers with C-Carborane and p-Phenylene-Ethynylene Sequences. <i>Macromolecules</i> , 2009, 42, 1418-1420.	4.8	246
12	Multicolor Tuning of Aggregation-Induced Emission through Substituent Variation of Diphenyl-C-carborane. <i>Journal of Organic Chemistry</i> , 2011, 76, 316-319.	3.2	228
13	Organic polymer hybrids with silica gel formed by means of the sol-gel method. , 1992, , 11-29.		226
14	Facile generation of a reactive palladium(II) enolate intermediate by the decarboxylation of palladium(II) .beta.-ketocarboxylate and its utilization in allylic acylation. <i>Journal of the American Chemical Society</i> , 1980, 102, 6381-6384.	13.7	218
15	Advanced Luminescent Materials Based on Organoboron Polymers. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1235-1255.	3.9	208
16	Effect of Anionic Starburst Dendrimers on the Crystallization of CaCO <sub>3</sub> in Aqueous Solution: Size Control of Spherical Vaterite Particles. <i>Langmuir</i> , 2002, 18, 3655-3658.	3.5	194
17	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
18	Highly Emissive Boron Ketoiminate Derivatives as a New Class of Aggregation-Induced Emission Fluorophores. <i>Chemistry - A European Journal</i> , 2013, 19, 4506-4512.	3.3	183

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19	Î€-Conjugated Organoboron Polymers via the Vacant p-Orbital of the Boron Atom. <i>Polymer Journal</i> , 2008, 40, 77-89.	2.7	182
20	Thermally Reversible IPN Organic~Inorganic Polymer Hybrids Utilizing the Diels~Alder Reaction. <i>Macromolecules</i> , 2000, 33, 4343-4346.	4.8	178
21	Recent Progress in the Development of Solid~State Luminescent <i></i>~Carboranes with Stimuli Responsivity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9841-9855.	13.8	166
22	Through-Space Conjugated Polymers Based on Cyclophanes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6430-6437.	13.8	163
23	POSS Ionic Liquid. <i>Journal of the American Chemical Society</i> , 2010, 132, 17649-17651.	13.7	155
24	Recent progress of optical functional nanomaterials based on organoboron complexes with Î²-diketonate, ketoiminate and diiminate. <i>NPG Asia Materials</i> , 2015, 7, e223-e223.	7.9	155
25	Organic~inorganic hybrid materials. <i>Current Opinion in Solid State and Materials Science</i> , 1996, 1, 806-811.	11.5	151
26	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
27	Poly(p-phenylene-borane)s. Novel Organoboron Î€-Conjugated Polymers via Grignard Reagent. <i>Journal of the American Chemical Society</i> , 1998, 120, 10776-10777.	13.7	142
28	Organic~Inorganic Polymer Hybrids Using Polyoxazoline Initiated by Functionalized Silsesquioxane. <i>Macromolecules</i> , 2003, 36, 867-875.	4.8	137
29	Organic~inorganic polymer hybrids prepared by the sol-gel method. <i>Composite Interfaces</i> , 2005, 11, 539-566.	2.3	134
30	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
31	Polyoxazoline having a coumarin moiety as a pendant group. Synthesis and photogelation. <i>Macromolecules</i> , 1990, 23, 2693-2697.	4.8	128
32	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
33	Development of Solid-State Emissive Materials Based on Multifunctional <i></i>-Carborane~Pyrene Dyads. <i>Organic Letters</i> , 2016, 18, 4064-4067.	4.6	127
34	Synthesis of Novel Stable Nanometer-Sized Metal (M = Pd, Au, Pt) Colloids Protected by a Î€-Conjugated Polymer. <i>Langmuir</i> , 2002, 18, 277-283.	3.5	124
35	Recent progress in the development of advanced element-block materials. <i>Polymer Journal</i> , 2018, 50, 109-126.	2.7	121
36	Î€-Conjugated Organoboron Polymer as an Anion Sensor. <i>Polymer Journal</i> , 2002, 34, 967-969.	2.7	119

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37	Luminescent and Axially Chiral $\pi$ -Conjugated Polymers Linked by Carboranes in the Main Chain. <i>Macromolecules</i> , 2009, 42, 9238-9242.	4.8	117
38	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
39	Synthesis of triethoxysilyl-terminated polyoxazolines and their cohydrolysis polymerization with tetraethoxysilane. <i>Macromolecules</i> , 1993, 26, 5681-5686.	4.8	113
40	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
41	Iron(II) bipyridyl-branched polyoxazoline complex as a thermally reversible hydrogel. <i>Macromolecules</i> , 1993, 26, 6315-6319.	4.8	107
42	A Carbonate Controlled-Addition Method for Amorphous Calcium Carbonate Spheres Stabilized by Poly(acrylic acid)s. <i>Langmuir</i> , 2007, 23, 12086-12095.	3.5	107
43	Synthesis of Polystyrene and Silica Gel Polymer Hybrids Utilizing Ionic Interactions. <i>Chemistry of Materials</i> , 1999, 11, 1719-1726.	6.7	104
44	Aromatic Ring-Fused BODIPY-Based Conjugated Polymers Exhibiting Narrow Near-Infrared Emission Bands. <i>Macromolecules</i> , 2010, 43, 193-200.	4.8	102
45	The effect of an anionic starburst dendrimer on the crystallization of CaCO <sub>3</sub> in aqueous solution. <i>Chemical Communications</i> , 1999, , 1931-1932.	4.1	101
46	Optically active cyclic compounds based on planar chiral [2.2]paracyclophane: extension of the conjugated systems and chiroptical properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 521-529.	5.5	99
47	Poly( $\beta$ -glutamic acid) Hydrogels with Water-Sensitive Luminescence Derived from Aggregation-Induced Emission of <i>o</i> -Carborane. <i>Macromolecules</i> , 2010, 43, 6463-6468.	4.8	98
48	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
49	Luminescent <i>m</i> -Carborane-Based $\pi$ -Conjugated Polymer. <i>Macromolecules</i> , 2009, 42, 2925-2930.	4.8	96
50	Highly-efficient solid-state emissions of anthracene~ <i>o</i> -carborane dyads with various substituents and their thermochromic luminescence properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10047-10054.	5.5	96
51	Self-Organization of Spherical Aggregates of Palladium Nanoparticles with a Cubic Silsesquioxane. <i>Nano Letters</i> , 2002, 2, 1183-1186.	9.1	93
52	Poly(methyl methacrylate) (PMMA)-based hybrid materials with reactive zirconium oxide nanocrystals. <i>Polymer Journal</i> , 2010, 42, 58-65.	2.7	93
53	Synthesis of polystyrene and silica gel polymer hybrids via $\pi$ - $\pi$ interactions. <i>Chemical Communications</i> , 1998, , 1131-1132.	4.1	90
54	Synthesis and Properties of First Well-Defined Phosphole-Containing $\pi$ -Conjugated Polymers. <i>Macromolecules</i> , 2003, 36, 2594-2597.	4.8	89

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55	Synthesis of Novel $\pi$ -Conjugated Polymers Having [2.2]Paracyclophane Skeleton in the Main Chain. Extension of $\pi$ -Conjugated Length via the Through-Space. <i>Macromolecules</i> , 2002, 35, 587-589.	4.8	88
56	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
57	A Highly Efficient Near-Infrared-Emissive Copolymer with a N=N Double-Bond $\pi$ -Conjugated System Based on a Fused Azobenzene-Boron Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6546-6551.	13.8	87
58	A novel silane coupling agent. 1. Synthesis of trimethoxysilyl-terminated poly(N-acetyleneimine). <i>Macromolecules</i> , 1989, 22, 2040-2043.	4.8	86
59	Highly Intense Fluorescent Diarylboron Diketonate. <i>Journal of Organic Chemistry</i> , 2008, 73, 8605-8607.	3.2	86
60	Environment-responsive upconversion based on dendrimer-supported efficient triplet-triplet annihilation in aqueous media. <i>Chemical Communications</i> , 2010, 46, 4378.	4.1	86
61	A Flexible, Fused, Azomethine-Boron Complex: Thermochromic Luminescence and Thermosalient Behavior in Structural Transitions between Crystalline Polymorphs. <i>Chemistry - A European Journal</i> , 2017, 23, 11827-11833.	3.3	86
62	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
63	Synthesis of Organic-Inorganic Polymer Hybrids Controlled by Diels-Alder Reaction. <i>Macromolecules</i> , 2004, 37, 9793-9797.	4.8	83
64	Cyclophane-containing polymers. <i>Progress in Polymer Science</i> , 2008, 33, 346-364.	24.7	83
65	1,3-Diketone-Based Organoboron Polymers: Emission by Extending $\pi$ -Conjugation along a Polymeric Ligand. <i>Macromolecules</i> , 2008, 41, 8295-8298.	4.8	83
66	Water-Soluble Anionic POSS-Core Dendrimer: Synthesis and Copper(II) Complexes in Aqueous Solution. <i>Langmuir</i> , 2007, 23, 9057-9063.	3.5	81
67	$\pi$ -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
68	Creative Synthesis of Organic-Inorganic Molecular Hybrid Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 463-474.	3.2	81
69	Synthesis and redox gelation of disulfide-modified polyoxazoline. <i>Macromolecules</i> , 1993, 26, 883-887.	4.8	80
70	Cobalt(III) bipyridyl-branched polyoxazoline complex as a thermally and redox reversible hydrogel. <i>Macromolecules</i> , 1993, 26, 6320-6323.	4.8	79
71	Enhancement of entrapping ability of dendrimers by a cubic silsesquioxane core. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3899.	2.8	79
72	Role of Solvent Dielectric Properties on Charge Transfer from PbS Nanocrystals to Molecules. <i>Nano Letters</i> , 2010, 10, 318-323.	9.1	79

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73	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
74	Planar-Chiral Through-Space Conjugated Oligomers: Synthesis and Characterization of Chiroptical Properties. Chemistry - A European Journal, 2014, 20, 8386-8390.	3.3	78
75	Luminescent Organoboron Conjugated Polymers. Chemistry Letters, 2010, 39, 430-435.	1.3	77
76	Organic-inorganic polymer hybrids. Makromolekulare Chemie Macromolecular Symposia, 1992, 64, 1-9.	0.6	76
77	Synthesis of Organoboron $\pi$ -Conjugated Polymers by Hydroboration Polymerization between Heteroaromatic Diynes and Mesitylborane and Their Light Emitting Properties. Macromolecules, 1999, 32, 4467-4469.	4.8	76
78	Polymer hybrids of functionalized silsesquioxanes and organic polymers utilizing the sol-gel reaction of tetramethoxysilane. Polymer, 2002, 43, 1171-1175.	3.8	76
79	Formation of Stable Vaterite with Poly(acrylic acid) by the Delayed Addition Method. Langmuir, 2006, 22, 7760-7767.	3.5	75
80	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
81	Synthesis of Organoboron Quinoline-8-thiolate and Quinoline-8-selenolate Complexes and Their Incorporation into the $\pi$ -Conjugated Polymer Main-Chain. Macromolecules, 2009, 42, 2988-2993.	4.8	74
82	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
83	Synthesis and Properties of a Novel Through-Space Conjugated Polymer with [2.2]Paracyclophane and Ferrocene in the Main Chain. Macromolecules, 2003, 36, 9319-9324.	4.8	72
84	Through-space conjugated polymers consisting of [2.2]paracyclophane. Polymer Chemistry, 2011, 2, 1249.	3.9	72
85	Planar Chiral [2.2]Paracyclophanes: Optical Resolution and Transformation to Optically Active $\pi$ -Stacked Molecules. Bulletin of the Chemical Society of Japan, 2019, 92, 265-274.	3.2	72
86	Solid-State Emission of the Anthracene-o-Carborane Dyad from the Twisted Intramolecular Charge Transfer in the Crystalline State. Angewandte Chemie, 2017, 129, 260-265.	2.0	71
87	Synthesis of silver dendritic nanostructures protected by tetrathiafulvalene. Chemical Communications, 2002, , 1300-1301.	4.1	70
88	Synthesis and Properties of Novel Through-Space $\pi$ -Conjugated Polymers Based on Poly(p-phenylenevinylene)s Having a [2.2]Paracyclophane Skeleton in the Main Chain. Macromolecules, 2002, 35, 7872-7877.	4.8	70
89	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
90	Hydroboration polymerization. 1. Synthesis of organoboron polymers by polyaddition between diene and monoalkylborane. Macromolecules, 1991, 24, 345-348.	4.8	69

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91	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
92	Metal-free synthesis of responsive polymers: Cloud point tuning by controlled click reaction. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1278-1286.	2.3	69
93	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
94	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
95	A luminescent coordination polymer based on bisterpyridyl ligand containing o-carborane: two tunable emission modes. <i>Dalton Transactions</i> , 2011, 40, 1919.	3.3	68
96	Facile Modulation of Optical Properties of Diketonate-Containing Polymers by Regulating Complexation Ratios with Boron. <i>Macromolecules</i> , 2013, 46, 2969-2975.	4.8	68
97	Synthesis and Photostability of Poly( <i>p</i> -phenylenevinylene-borane)s. <i>Macromolecules</i> , 2009, 42, 7217-7220.	4.8	67
98	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
99	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
100	New Preparation Methods for Organic-Inorganic Polymer Hybrids. <i>MRS Bulletin</i> , 2001, 26, 389-392.	3.5	66
101	Monitoring of Biological One-Electron Reduction by <sup>19</sup> F NMR Using Hypoxia Selective Activation of an <sup>19</sup> F-Labeled Indolequinone Derivative. <i>Journal of the American Chemical Society</i> , 2009, 131, 15982-15983.	13.7	66
102	Synthesis of nonionic hydrogel, lipogel, and amphigel by copolymerization of 2-oxazolines and a bisoxazoline. <i>Macromolecules</i> , 1990, 23, 1234-1237.	4.8	65
103	Spherical, Polyfunctional Molecules Using Poly(bromophenylsilsesquioxane)s as Nanoconstruction Sites. <i>Macromolecules</i> , 2005, 38, 4655-4660.	4.8	65
104	Nanoparticles via H-aggregation of amphiphilic BODIPY dyes. <i>Tetrahedron Letters</i> , 2010, 51, 3451-3454.	1.4	65
105	Through-space conjugated polymers consisting of planar chiral pseudo-ortho-linked [2.2]paracyclophane. <i>Polymer Chemistry</i> , 2012, 3, 2727.	3.9	65
106	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
107	Multi-modal <sup>19</sup> F NMR probe using perfluorinated cubic silsesquioxane-coated silica nanoparticles for monitoring enzymatic activity. <i>Chemical Communications</i> , 2008, , 6176.	4.1	63
108	Film-type chemosensors based on boron diiminate polymers having oxidation-induced emission properties. <i>Polymer Chemistry</i> , 2015, 6, 5590-5595.	3.9	63

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109	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
110	Development of solid-state emissive o-carboranes and theoretical investigation of the mechanism of the aggregation-induced emission behaviors of organoboron element-blocks. <i>Faraday Discussions</i> , 2017, 196, 31-42.	3.2	63
111	Synthesis and Properties of Novel $\pi$ -Conjugated Polymers with Alternating Organosilicon and [2.2]Paracyclophane Units in the Main Chain. <i>Organometallics</i> , 2003, 22, 3553-3557.	2.3	62
112	New Types of Planar Chiral [2.2]Paracyclophanes and Construction of One-Handed Double Helices. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2524-2527.	3.3	62
113	Preparation and enzymic activity of poly[(N-acylimino)ethylene]-modified catalase. <i>Macromolecules</i> , 1990, 23, 3201-3205.	4.8	61
114	Preparation, Optical Spectroscopy, and Electrochemical Studies of Novel $\pi$ -Conjugated Polymer-Protected Stable PbS Colloidal Nanoparticles in a Nonaqueous Solution. <i>Langmuir</i> , 2002, 18, 5287-5292.	3.5	61
115	Tetrathiafulvalene-Assisted Formation of Silver Dendritic Nanostructures in Acetonitrile. <i>Langmuir</i> , 2003, 19, 6242-6246.	3.5	61
116	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
117	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
118	Robust Polyaromatic Octasilsesquioxanes from Polybromophenylsilsesquioxanes, BrxOPS, via Suzuki Coupling. <i>Macromolecules</i> , 2005, 38, 4661-4665.	4.8	60
119	Oxygen-Bridged Diphenyl-naphthylamine as a Scaffold for Full-Color Circularly Polarized Luminescent Materials. <i>Journal of Organic Chemistry</i> , 2017, 82, 5242-5249.	3.2	60
120	Modulation of luminescence chromic behaviors and environment-responsive intensity changes by substituents in bis-o-carborane-substituted conjugated molecules. <i>Materials Chemistry Frontiers</i> , 2018, 2, 573-579.	5.9	60
121	Hydroboration polymerization of dicyano compounds. 1. Synthesis of boron-containing polymers by the reaction between t-BuBH <sub>2</sub> .nMe <sub>3</sub> and dicyano compounds. <i>Macromolecules</i> , 1992, 25, 27-32.	4.8	59
122	Synthesis of poly(vinyl alcohol) / silica gel polymer hybrids by in-situ hydrolysis method. <i>Applied Organometallic Chemistry</i> , 1998, 12, 755-762.	3.5	59
123	Unique properties of amphiphilic POSS and their applications. <i>Polymer Journal</i> , 2013, 45, 247-254.	2.7	59
124	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
125	Chemicals-Inspired Biomaterials: Developing Biomaterials Inspired by Material Science Based on POSS. <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 1231-1239.	3.2	58
126	Main-Chain-Type N <sub>2</sub> -Chelate Organoboron Aminoquinolate Polymers: Synthesis, Luminescence, and Energy Transfer Behavior. <i>Macromolecules</i> , 2008, 41, 3488-3492.	4.8	57



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127	Synthesis of Anthracene-Stacked Oligomers and Polymer. <i>Organic Letters</i> , 2010, 12, 3188-3191.	4.6	57
128	Effective Light-Harvesting Antennae Based on BODIPY-Tethered Cardo Polyfluorenes via Rapid Energy Transferring and Low Concentration Quenching. <i>Macromolecules</i> , 2013, 46, 2599-2605.	4.8	57
129	Boron- $\kappa$ -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
130	Colour-tunable aggregation-induced emission of trifunctional o-carborane dyes. <i>New Journal of Chemistry</i> , 2014, 38, 5686-5690.	2.8	57
131	Photogelation and redox properties of anthracene-disulfide-modified polyoxazolines. <i>Macromolecules</i> , 1993, 26, 5611-5614.	4.8	56
132	Synthesis of polystyrene/silica gel polymer hybrids by in-situ polymerization method. <i>Polymer Bulletin</i> , 1997, 39, 303-310.	3.3	56
133	Liquid-crystalline organic-inorganic hybrid polymers with functionalized silsesquioxanes. <i>Journal of Polymer Science Part A</i> , 2001, 39, 4035-4043.	2.3	56
134	Functional polymers based on electron-donating TTF and derivatives. <i>Journal of Materials Chemistry</i> , 2007, 17, 4122.	6.7	56
135	Preparation for Highly Sensitive MRI Contrast Agents Using Core/Shell Type Nanoparticles Consisting of Multiple SPIO Cores with Thin Silica Coating. <i>Langmuir</i> , 2010, 26, 11759-11762.	3.5	56
136	Synthesis and Properties of Thiophene-Fused Benzocarborane. <i>Chemistry - A European Journal</i> , 2012, 18, 11251-11257.	3.3	56
137	Photoinduced reactions. LXXXVII. Nonenzymic oxidation of p-hydroxyphenylpyruvic acid with singlet oxygen to homogentisic acid. Model for the action of p-hydroxyphenylpyruvate hydroxylase. <i>Journal of the American Chemical Society</i> , 1975, 97, 5272-5277.	13.7	55
138	Preparation of $\kappa$ -conjugated polymer-protected gold nanoparticles in stable colloidal form. <i>Chemical Communications</i> , 2001, , 613-614.	4.1	55
139	Organic-inorganic hybrid gels having functionalized silsesquioxanes. <i>Journal of Materials Chemistry</i> , 2003, 13, 1384-1391.	6.7	55
140	Novel [2.2]Paracyclophane-Fluorene-Based Conjugated Copolymers: Synthesis, Optical, and Electrochemical Properties. <i>Macromolecules</i> , 2004, 37, 4099-4103.	4.8	55
141	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
142	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
143	Neutral Alkoxyxilanes from Silica. <i>Journal of the American Chemical Society</i> , 2000, 122, 10063-10072.	13.7	54
144	Hydrocarbon separation via porous glass membranes surface-modified using organosilane compounds. <i>Journal of Membrane Science</i> , 2001, 182, 139-149.	8.2	54

#	ARTICLE	IF	CITATIONS
145	Synthesis of Novel Alternating $\pi$ -Conjugated Copolymers Having [2.2]Paracyclophane 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
146	Main-Chain-Type Organoboron Quinolate Polymers: Synthesis and Photoluminescence Properties. <i>Macromolecules</i> , 2007, 40, 6-8.	4.8	54
147	Synthesis of $\pi$ -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
148	Luminescence Color Tuning from Blue to Near Infrared of Stable Luminescent Solid Materials Based on Bis-Carborane-Substituted Oligoacenes. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2134-2138.	3.3	54
149	Heat-Resistant Mechanoluminescent Chromism of the Hybrid Molecule Based on Boron Ketoiminate Modified Octasubstituted Polyhedral Oligomeric Silsesquioxane. <i>Chemistry - A European Journal</i> , 2017, 23, 1409-1414.	3.3	54
150	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
151	Syntheses of polyamide-poly(methyl methacrylate) graft copolymers by polycondensation reactions of macromonomers. <i>Polymer Bulletin</i> , 1981, 5, 361.	3.3	52
152	A novel nonionic hydrogel from 2-methyl-2-oxazoline. <i>Macromolecules</i> , 1989, 22, 1074-1077.	4.8	52
153	Isomerization Behavior of Azobenzene Chromophores Attached to the Side Chain of Organic Polymer in Organic-Inorganic Polymer Hybrids. <i>Macromolecules</i> , 1999, 32, 1013-1017.	4.8	52
154	Synthesis of poly(vinylidene fluoride) (PVdF)/silica hybrids having interpenetrating polymer network structure by using crystallization between PVdF chains. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3543-3550.	2.3	52
155	A copper(II)-bicarbonate complex. A water-stable reversible carbon dioxide carrier. <i>Journal of the American Chemical Society</i> , 1980, 102, 431-433.	13.7	51
156	Thermodynamic study of POSS-based ionic liquids with various numbers of ion pairs. <i>Polymer Journal</i> , 2011, 43, 708-713.	2.7	51
157	Practical Optical Resolution of Planar Chiral Pseudo-ortho-disubstituted [2.2]Paracyclophane. <i>Chemistry Letters</i> , 2012, 41, 990-992.	1.3	51
158	Synthesis of organic-inorganic star-shaped polyoxazolines using octafunctional silsesquioxane as an initiator. <i>Polymer Bulletin</i> , 2003, 49, 341-348.	3.3	50
159	Synthesis and Properties of [2.2]Paracyclophane-Layered Polymers. <i>Macromolecules</i> , 2008, 41, 5960-5963.	4.8	50
160	Bimodal Quantitative Monitoring for Enzymatic Activity with Simultaneous Signal Increases in $^{19}\text{F}$ NMR and Fluorescence Using Silica Nanoparticle-Based Molecular Probes. <i>Bioconjugate Chemistry</i> , 2011, 22, 1484-1490.	3.6	50
161	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
162	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

#	ARTICLE	IF	CITATIONS
163	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
164	Facilitated d <sup>π</sup> -p <sup>π</sup> * Transition in a Novel Organoboron $\pi$ -Conjugated Polymer Including a Ruthenium <sup>II</sup> -Phosphine Complex. <i>Organometallics</i> , 2001, 20, 2425-2427.	2.3	49
165	Biomedical applications of imidazolium cation $\pi$ -modified iron oxide nanoparticles. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1421-1429.	3.2	49
166	Highly near-infrared emissive boron di(iso)indomethene $\pi$ -based polymer: Drastic change from deep-red to near-infrared emission via quantitative polymer reaction. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1726-1733.	2.3	49
167	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
168	Block copolymer of 2-methyl-2-oxazoline with silica gel an organic-inorganic hybrid polymer. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991, 42-43, 303-312.	0.6	48
169	Failure of tungsten carbide-cobalt alloy tools in machining of carbon materials. <i>Wear</i> , 1993, 169, 135-140.	3.1	48
170	A Polymer with Two Different Redox Centers in the $\pi$ -Conjugated Main Chain: Alternate Combinations of Ferrocene and Dithiafulvene. <i>Macromolecules</i> , 2000, 33, 6965-6969.	4.8	48
171	Construction of benzene ring-layered polymers. <i>Tetrahedron Letters</i> , 2005, 46, 2533-2537.	1.4	48
172	Efficient light absorbers based on thiophene-fused boron dipyrromethene (BODIPY) dyes. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2715-2719.	3.0	48
173	Synthesis of IPN polymer hybrids of polystyrene gel and silica gel by an in-situ radical polymerization method. <i>Journal of Materials Chemistry</i> , 1998, 8, 1113.	6.7	47
174	Control of crystal polymorphs by a "latent inductor" <sup>TM</sup> : 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
175	Synthesis of New Main-Chain-Type Organoboron Quinolate Polymer Linked on Quinolate Ligand. <i>Macromolecules</i> , 2008, 41, 737-740.	4.8	47
176	Reversible signal regulation system of <sup>19</sup> 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
177	Highly near-infrared photoluminescence from aza $\pi$ -borondipyrromethene $\pi$ -based conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5348-5356.	2.3	47
178	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
179	Sponge $\pi$ -Type Emissive Chemosensors for the Protein Detection Based on Boron Ketoiminate $\pi$ -Modifying Hydrogels with Aggregation-Induced Blueshift Emission Property. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 414-421.	2.2	47
180	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

#	ARTICLE	IF	CITATIONS
181	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
182	Spiral Eu(III) coordination polymers with circularly polarized luminescence. <i>Chemical Communications</i> , 2018, 54, 10695-10697.	4.1	47
183	Time-Resolved Dynamic Light Scattering Studies on Gelation Process of Organic-Inorganic Polymer Hybrids. <i>Macromolecules</i> , 1999, 32, 1528-1533.	4.8	46
184	Highly Luminescent Nanoparticles: Self-Assembly of Well-Defined Block Copolymers by $\pi$ -Stacked BODIPY Dyes as Only a Driving Force. <i>Macromolecules</i> , 2009, 42, 5446-5452.	4.8	46
185	An Organic/Inorganic Hybrid Polymer. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1990, 27, 1603-1612.	0.3	45
186	Application of organic-inorganic polymer hybrids as selective gas permeation membranes. <i>Journal of Materials Chemistry</i> , 1999, 9, 1741-1746.	6.7	45
187	Synthesis of Poly(oxyethylene)-Grafted Palladium Clusters. <i>Chemistry of Materials</i> , 1999, 11, 849-851.	6.7	45
188	Synthesis of Organic-Inorganic Polymer Hybrids by Means of Host-Guest Interaction Utilizing Cyclodextrin. <i>Macromolecules</i> , 2003, 36, 654-660.	4.8	45
189	Synthesis of Organic-Metal Hybrid Nanowires by Cooperative Self-Organization of Tetrathiafulvalene and Metallic Gold via Charge-Transfer. <i>Langmuir</i> , 2007, 23, 3450-3454.	3.5	45
190	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
191	Enhancement of Aggregation-Induced Emission by Introducing Multiple o-Carborane Substitutions into Triphenylamine. <i>Molecules</i> , 2017, 22, 2009.	3.8	45
192	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
193	Novel Through-Space Conjugated Polymers Consisting of Alternate [2.2]Paracyclophane and Fluorene. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 288-293.	3.2	44
194	Modulation of Morphology and Conductivity of Mixed-Valence Tetrathiafulvalene Nanofibers by Coexisting Organic Acid Anions. <i>Langmuir</i> , 2009, 25, 6929-6933.	3.5	44
195	POSS fillers for modulating the thermal properties of ionic liquids. <i>RSC Advances</i> , 2013, 3, 2422.	3.6	44
196	Size-discrimination of volatile organic compounds utilizing gallium diiminate by luminescent chromism of crystallization-induced emission via encapsulation-triggered crystal-crystal transition. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5564-5571.	5.5	44
197	Synthesis of New Fluorescent Organoboron Polymers Based on Pyrazaboles. <i>Macromolecules</i> , 2003, 36, 5516-5519.	4.8	43
198	Aromatic Ring-Fused Carborane-Based Luminescent $\pi$ -Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1389-1394.	3.9	43

#	ARTICLE	IF	CITATIONS
199	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
200	[2.2]Paracyclophane-Layered Polymers End-Capped with Fluorescence Quenchers. <i>Macromolecules</i> , 2009, 42, 3656-3660.	4.8	42
201	Macromolecular engineering on the basis of the polymerization of 2-oxazolines. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991, 51, 1-10.	0.6	41
202	Synthesis of $\pi$ -Conjugated Polymers Containing Organoboron Benzo[ <i>h</i> ]quinolate in the Main Chain. <i>Macromolecules</i> , 2010, 43, 6229-6233.	4.8	41
203	Microwave-assisted preparation of intense luminescent BODIPY-containing hybrids with high photostability and low leachability. <i>Journal of Materials Chemistry</i> , 2010, 20, 2985.	6.7	41
204	Synthesis and Optical Properties of Stable Gallfluorene Derivatives: Investigation of Their Emission via Triplet States. <i>Journal of the American Chemical Society</i> , 2013, 135, 4211-4214.	13.7	41
205	Molecular Design of Interfacially Active Graft Copolymers by Macromonomer Method. <i>Polymer Journal</i> , 1985, 17, 133-141.	2.7	40
206	Ratiometric multimodal chemosensors based on cubic silsesquioxanes for monitoring solvent polarity. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 10029-10033.	3.0	40
207	All Donor Electrochromic Polymers Tunable across the Visible Spectrum via Random Copolymerization. <i>Chemistry of Materials</i> , 2019, 31, 6841-6849.	6.7	40
208	Polyimide-Silica Gel Hybrids Containing Metal Salts: Preparation via the Sol-Gel Reaction. <i>Applied Organometallic Chemistry</i> , 1997, 11, 153-161.	3.5	39
209	POSS ionic liquid crystals. <i>NPG Asia Materials</i> , 2015, 7, e174-e174.	7.9	39
210	Electron-donating abilities and luminescence properties of tolane-substituted nido-carboranes. <i>New Journal of Chemistry</i> , 2017, 41, 10550-10554.	2.8	39
211	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
212	Polymer Homologue of DMSO: Synthesis of Poly(ethylene sulfoxide) by Selective Oxidation of Poly(ethylene sulfide). <i>Macromolecules</i> , 1999, 32, 5240-5242.	4.8	38
213	Radical Copolymerization of Acetylenic Compounds with Phenyl-Substituted Cyclooligoarsine: Substituent Effect and Optical Properties. <i>Macromolecules</i> , 2004, 37, 1271-1275.	4.8	38
214	Synthesis of a Stimuli-Responsive P-Chiral Polymer with Chiral Phosphorus Atoms and Azobenzene Moieties in the Main Chain. <i>Chemistry - an Asian Journal</i> , 2007, 2, 397-402.	3.3	38
215	Construction of the Luminescent Donor-Acceptor Conjugated Systems Based on Boron-Fused Azomethine Acceptor. <i>Macromolecules</i> , 2019, 52, 3387-3393.	4.8	38
216	$\pi$ -Conjugated Poly(cyclodiborazane)s with Intramolecular Charge Transferred Structure. <i>Macromolecules</i> , 2000, 33, 3956-3957.	4.8	37

#	ARTICLE	IF	CITATIONS
217	Synthesis and optical properties of the [2.2]paracyclophane-containing $\pi$ -conjugated polymer with a diacetylene unit. <i>Polymer Bulletin</i> , 2002, 49, 209-215.	3.3	37
218	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
219	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
220	Improving Proton Relaxivity of Dendritic MRI Contrast Agents by Rigid Silsesquioxane Core. <i>Polymer Journal</i> , 2009, 41, 287-292.	2.7	37
221	Near-Infrared Circularly Polarized Luminescence through Intramolecular Excimer Formation of Oligo( <i>p</i> -phenyleneethynylene)-Based Double Helicates. <i>Chemistry - A European Journal</i> , 2019, 25, 9211-9216.	3.3	37
222	Statistical prediction of air pollution levels using non-physical models. <i>Automatica</i> , 1979, 15, 441-451.	5.0	36
223	Hydroboration polymerization. 2. Synthesis of organoboron polymers by the reaction between diyne and hexylborane. <i>Macromolecules</i> , 1992, 25, 33-36.	4.8	36
224	$\pi$ -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
225	Recent Progress in the Development of Solid-State Luminescent <i>o</i> -Carboranes with Stimuli Responsivity. <i>Angewandte Chemie</i> , 2020, 132, 9925-9939.	2.0	36
226	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
227	$\pi$ -Conjugated Poly(dithiafulvene) by Cycloaddition Polymerization of Aldothioketene with Its Alkynethiol Tautomer. <i>Polymerization, Optical Properties, and Electrochemical Analysis. Macromolecules</i> , 1999, 32, 4641-4646.	4.8	35
228	Synthesis and Optical Properties of Novel Through-Space $\pi$ -Conjugated Polymers Having a Dithia[3.3]metacyclophane Skeleton in the Main Chain. <i>Polymer Journal</i> , 2003, 35, 501-506.	2.7	35
229	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
230	Tapping Mode AFM Evidence for an Amorphous Reticular Phase in a Condensation-Cured Hybrid Elastomer: $\pm$ 1,4-Dihydroxypoly(dimethylsiloxane)/Poly(diethoxysiloxane)/Fumed Silica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2004, 126, 12284-12285.	13.7	35
231	Photochemical Assembly of Gold Nanoparticles Utilizing the Photodimerization of Thymine. <i>Langmuir</i> , 2004, 20, 1972-1976.	3.5	35
232	1,4-Dihydro-1,4-diansinine: Facile Synthesis via Nonvolatile Arsenic Intermediates by Radical Reactions. <i>Organometallics</i> , 2007, 26, 1827-1830.	2.3	35
233	Rational design of polyhedral oligomeric silsesquioxane fillers for simultaneous improvements of thermomechanical properties and lowering refractive indices of polymer films. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3583-3589.	2.3	35
234	<i>o</i> -Carborane-Based Biphenyl and <i>p</i> -Terphenyl Derivatives. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1247-1251.	3.3	35

#	ARTICLE	IF	CITATIONS
235	Synthesis and properties of highly-rigid conjugation system based on bi(benzo[b]thiophene)-fused o-carborane. <i>Tetrahedron Letters</i> , 2016, 57, 2025-2028.	1.4	35
236	A silver-induced higher-ordered structure based on planar chiral tetrasubstituted [2.2]paracyclophane. <i>Chemical Communications</i> , 2017, 53, 8304-8307.	4.1	35
237	Near-Infrared Absorptive and Emissive Poly( <i>p</i> -phenylene vinylene) Derivative Containing Azobenzene-Boron Complexes. <i>Macromolecules</i> , 2020, 53, 4524-4532.	4.8	35
238	Reversible carbon dioxide fixation by organocopper complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1975, , 963.	2.0	34
239	Synthesis of polyurethane graft copolymers by polyaddition reaction of dihydroxyl-terminated macromonomers. <i>Polymer Bulletin</i> , 1982, 8, 239-244.	3.3	34
240	Reversible Formation of Interpenetrating Polymer Network Structure in Organic-Inorganic Polymer Hybrids. <i>Polymer Journal</i> , 1998, 30, 990-995.	2.7	34
241	Synthesis of Poly(vinylene <sup>+</sup> phosphine)s: A Ring-Collapsed Radical Alternating Copolymerization of Methyl-Substituted Cyclooligophosphine with Acetylenic Compounds. <i>Macromolecules</i> , 2007, 40, 4854-4858.	4.8	34
242	Combined in Situ and Time-Resolved SANS and SAXS Studies of Chemical Reactions at Specific Sites and Self-Assembling Processes of Reaction Products: A Reduction of Palladium Ions in Self-Assembled Polyamidoamine Dendrimers as a Template. <i>Macromolecules</i> , 2007, 40, 4327-4337.	4.8	34
243	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
244	Luminescent alternating boron quinolate-fluorene copolymers exhibiting high electron mobility. <i>Journal of Materials Chemistry</i> , 2010, 20, 5196.	6.7	34
245	Energy transfer from aggregation-induced emissive o-carborane. <i>Tetrahedron Letters</i> , 2011, 52, 293-296.	1.4	34
246	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
247	Synthesis of $\pi$ -Conjugated Poly(dithiafulvene) by Cycloaddition Polymerization of Aldothioketene with Its Alkynethiol Tautomer. <i>Macromolecules</i> , 1998, 31, 7570-7571.	4.8	33
248	Linearly Extended $\pi$ -Conjugated Dithiafulvene Polymer Formed Soluble Charge-Transfer Complex with 7,7,8,8-Tetracyanoquinodimethane. <i>Polymer Journal</i> , 2000, 32, 435-439.	2.7	33
249	Synthesis of Nanocomposites of Metal Nanoparticles Utilizing Miscible Polymers. <i>Polymer Bulletin</i> , 2004, 52, 171.	3.3	33
250	Practical Synthesis of P-Stereogenic Diphosphacrowns. <i>Organic Letters</i> , 2009, 11, 2241-2244.	4.6	33
251	Highly Emissive Optically Active Conjugated Dimers Consisting of a Planar Chiral [2.2]Paracyclophane Showing Circularly Polarized Luminescence. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7756-7762.	2.4	33
252	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

#	ARTICLE	IF	CITATIONS
253	Cutting performance and wear mechanism of alumina-based ceramic tools when machining austempered ductile iron. <i>Wear</i> , 1994, 174, 147-153.	3.1	32
254	Preparation of hydrophobic CaCO <sub>3</sub> composite particles by mineralization with sodium trisilanolate in a methanol solution. <i>Journal of Materials Chemistry</i> , 2002, 12, 2449-2452.	6.7	32
255	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
256	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
257	Hash-Mark-Shaped Azaacene Tetramers with Axial Chirality. <i>Journal of the American Chemical Society</i> , 2018, 140, 7152-7158.	13.7	32
258	Synthesis of enantiopure planar chiral bis(⟨i>para</i>)⟨i>pseudo</i>⟨i>meta</i> type [2.2]paracyclophanes. <i>Chirality</i> , 2018, 30, 1109-1114.	2.6	32
259	Haloboration polymerization. Novel organoboron polymers by polyaddition between boron tribromide and terminal diyne. <i>Macromolecules</i> , 1990, 23, 687-689.	4.8	31
260	Hydroboration Polymerization of Dicyano Compounds. 4. Synthesis of Stable Poly(cyclodiborazane)s from Dialkylboranes. <i>Macromolecules</i> , 1994, 27, 6714-6717.	4.8	31
261	Synthesis of novel poly(pyrazabole)s with electron-withdrawing structure in their main chain. <i>Polymer Bulletin</i> , 2005, 53, 155-160.	3.3	31
262	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
263	Reductive Glutathione-Responsive Molecular Release Using Water-Soluble POSS Network Polymers. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 612-616.	3.2	31
264	Heavy metal-free 19F 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
265	Hypoxic condition-selective upconversion via triplet-triplet annihilation based on POSS-core dendrimer complexes. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2678-2681.	3.0	31
266	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
267	Synthesis and Characterization of Gallafuorene-Containing Conjugated Polymers: Control of Emission Colors and Electronic Effects of Gallafuorene Units on $\pi$ -Conjugation System. <i>Macromolecules</i> , 2015, 48, 1343-1351.	4.8	31
268	Simple and valid strategy for the enhancement of the solid-emissive property of boron dipyrromethenes. <i>Tetrahedron Letters</i> , 2015, 56, 6786-6790.	1.4	31
269	Spontaneous Ring-Collapsed Alternating Copolymerization of a Homocyclic Arsenic Compound and Phenylacetylene. <i>Macromolecules</i> , 2004, 37, 5952-5958.	4.8	30
270	Novel Conjugated Polymers Containing [2.2]Paracyclophane and Carbazole Units with Efficient Photoluminescence. <i>Polymer Bulletin</i> , 2005, 53, 73-80.	3.3	30



#	ARTICLE	IF	CITATIONS
271	Ring-Collapsed Radical Alternating Copolymerization of Phenyl-Substituted Cyclooligostibine and Acetylenic Compounds. <i>Macromolecules</i> , 2006, 39, 8257-8262.	4.8	30
272	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
273	Preparation and fluorescence properties of fluorophore-labeled avidin-biotin system immobilized on Fe <sub>3</sub> O <sub>4</sub> nanoparticles through functional indolequinone linker. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3775-3781.	3.0	30
274	Reduced glutathione-resisting <sup>19</sup> F NMR sensors for detecting HNO. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4668-4674.	3.0	30
275	Time-Dependent Emission Enhancement of the Ethynylpyrene-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
276	Novel $\pi$ -conjugated organoboron polymers: Poly (ethynylene-phenylene-ethynylene-borane)s. <i>Polymer Bulletin</i> , 2000, 44, 431-436.	3.3	29
277	A Versatile and Efficient Hydrosilylation Route to Functionalized Polyferrocenylsilanes. <i>Macromolecular Rapid Communications</i> , 2005, 26, 950-954.	3.9	29
278	Novel $\pi$ -conjugated cyclophane polymers containing phenylamine moieties with strong blue-light emission. <i>Polymer</i> , 2005, 46, 5884-5889.	3.8	29
279	Periodic Terpolymerization of Cyclooligoarsine, Cyclooligostibine, and Acetylenic Compound. <i>Macromolecules</i> , 2007, 40, 1372-1376.	4.8	29
280	Lewis acid-modified mesoporous alumina: A new catalyst carrier for methyltrioxorhenium in metathesis of olefins bearing functional groups. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 554-561.	1.8	29
281	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
282	Formation of $\beta$ -Lactones by the Reaction of $\pi$ -Allylnickel Complexes with Carbon Dioxide. <i>Synthetic Communications</i> , 1979, 9, 427-430.	2.1	28
283	One-shot block copolymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1990, 32, 1-10.	0.6	28
284	Preparation of Oriented Ultrathin Films via Self-Assembly Based on Charge Transfer Interaction between $\pi$ -Conjugated Poly(dithiafulvene) and Acceptor Polymer. <i>Macromolecules</i> , 2003, 36, 533-535.	4.8	28
285	Synthesis of Amorphous and Nanostructured Cationic Polyacetylene/Silica Hybrids by Using Ionic Interactions. <i>Macromolecules</i> , 2005, 38, 9110-9116.	4.8	28
286	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
287	Remarkably high miscibility of octa-substituted POSS with commodity conjugated polymers and molecular fillers for the improvement of homogeneities of polymer matrices. <i>Polymer Journal</i> , 2016, 48, 1133-1139.	2.7	28
288	Modulation of the <i>cis</i> - and <i>trans</i> -Conformations in Bis-carborane Substituted Benzodithiophenes and Emission Enhancement Effect on Luminescent Efficiency by Solidification. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1507-1512.	2.4	28

#	ARTICLE	IF	CITATIONS
289	Elastic and mechanofluorochromic hybrid films with POSS-capped polyurethane and polyfluorene. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1174-1180.	5.9	28
290	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
291	Synthesis of Bipyridyl-Branched Polyoxazoline and Its Gelation by Means of Metal Coordination. <i>Polymer Journal</i> , 1993, 25, 599-608.	2.7	27
292	Synthesis and Properties of $\pi$ -Conjugated Poly(dithiafulvene)s by Cycloaddition Polymerization of Heteroaromatic Bisthioketenes. <i>Macromolecules</i> , 2000, 33, 4733-4737.	4.8	27
293	Synthesis of oligomers including eight P-chiral centers and the construction of the 12-phosphacrown-4 skeleton. <i>Tetrahedron Letters</i> , 2005, 46, 7011-7014.	1.4	27
294	Microwave Assisted Synthesis of Organic-Inorganic Polymer Hybrids. <i>Polymer Bulletin</i> , 2005, 55, 309-315.	3.3	27
295	Synthesis and coordination behaviors of P-stereogenic polymers. <i>Chemical Communications</i> , 2010, 46, 7542.	4.1	27
296	$\pi$ -Electron-system-layered Polymers Based on [2.2]Paracyclophane. <i>Chemistry Letters</i> , 2012, 41, 840-846.	1.3	27
297	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
298	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
299	Copper(I) cyanoacetate as a carrier of activated carbon dioxide. <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 415.	2.0	26
300	Copper complex acting as a reversible carbon dioxide carrier. <i>Journal of the American Chemical Society</i> , 1978, 100, 630-632.	13.7	26
301	Synthesis of an amphigel by the terpolymerization of 2-methyl-2-oxazoline, 2-alkyl-2-oxazoline, and bis-oxazoline. <i>Polymer Bulletin</i> , 1989, 21, 353-356.	3.3	26
302	Studies on electrical transport properties of a novel n-type polymer containing tripylborane and fluorene moieties. <i>Synthetic Metals</i> , 2005, 154, 113-116.	3.9	26
303	Synthesis of Conjugated Polymers Containing Phosphole with the 5-Member Fused Carbocycle. <i>Polymer Bulletin</i> , 2007, 58, 645-652.	3.3	26
304	Synthesis of conjugated polymers containing gallium atoms and evaluation of conjugation through four-coordinate gallium atoms. <i>Chemical Communications</i> , 2014, 50, 15740-15743.	4.1	26
305	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
306	Controllable intramolecular interaction of 3D arranged $\pi$ -conjugated luminophores based on a POSS scaffold, leading to highly thermally-stable and emissive materials. <i>RSC Advances</i> , 2016, 6, 78652-78660.	3.6	26

#	ARTICLE	IF	CITATIONS
307	Tuning of Sensitivity in Thermo-chromic Luminescence by Regulating Molecular Rotation Based on Triphenylamine-Substituted <i>ortho</i> -Carboranes. Asian Journal of Organic Chemistry, 2019, 8, 2228-2232.	2.7	26
308	Improvement of Solid-State Excimer Emission of the Aryl-Ethynyl-Carborane Skeleton by Acridine Introduction. European Journal of Organic Chemistry, 2019, 2019, 2984-2988.	2.4	26
309	Stimuli-responsive luminochromic polymers consisting of multi-state emissive fused boron ketoiminate. Polymer Chemistry, 2020, 11, 1127-1133.	3.9	26
310	Molecular design and application of luminescent materials composed of group 13 elements with an aggregation-induced emission property. National Science Review, 2021, 8, nwab049.	9.5	26
311	Synthesis of novel organoboron polymers by hydroboration polymerization of bisallene compounds. Polymer Bulletin, 1997, 38, 531-536.	3.3	25
312	Synthesis of Highly Optically Active Polysulfoxides by Asymmetric Oxidation of Polysulfides. Macromolecules, 1999, 32, 7732-7736.	4.8	25
313	Synthesis of Poly(cyclodiborazane)s by Hydroboration Polymerization of Dicyanooligothiophenes and Their Light-Emitting Properties. Macromolecules, 2001, 34, 7331-7335.	4.8	25
314	Synthesis of novel $\pi$ -conjugated boron polymers containing transition metal in the main chain and their optical properties. Polymer Bulletin, 2001, 46, 257-262.	3.3	25
315	Assembly system of direct modified superparamagnetic iron oxide nanoparticles for target-specific MRI contrast agents. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5463-5465.	2.2	25
316	Polymer reaction of poly( <i>p</i> -phenylene-ethynylene) by addition of decaborane: modulation of luminescence and heat resistance. Polymer Journal, 2010, 42, 363-367.	2.7	25
317	Isolation of $\pi$ -conjugated system through polyfluorene from electronic coupling with side-chain substituents by cardo structures. Journal of Polymer Science Part A, 2012, 50, 4433-4442.	2.3	25
318	Synthesis of $\pi$ -Conjugated Polymers Containing Aminoquinoline-Borfluorene Complexes in the Main-Chain. Macromolecular Rapid Communications, 2012, 33, 550-555.	3.9	25
319	Synthesis of dual-emissive polymers based on ineffective energy transfer through cardo fluorene-containing conjugated polymers. Polymer, 2015, 60, 228-233.	3.8	25
320	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
321	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
322	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
323	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
324	Dual emission <i>via</i> remote control of molecular rotation of <i>ortho</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

#	ARTICLE	IF	CITATIONS
325	Luminescent color tuning with polymer films composed of boron diiminate conjugated copolymers by changing the connection points to comonomers. <i>Polymer Chemistry</i> , 2018, 9, 1942-1946.	3.9	25
326	Experimental proof for emission annihilation through bond elongation at the carbon-carbon bond in <i>o</i> -carborane with fused biphenyl-substituted compounds. <i>Dalton Transactions</i> , 2021, 50, 1025-1033.	3.3	25
327	Dimerization-Induced Solid-State Excimer Emission Showing Consecutive Thermochromic Luminescence Based on Acridine-Modified <i>o</i> -Carboranes. <i>Inorganic Chemistry</i> , 2021, 60, 8990-8997.	4.0	25
328	An Organic/Inorganic Hybrid Polymer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1990, 27, 1603-1612.	2.2	25
329	Synthesis of polysiloxane graft copolymers by hydrosilylation reactions. <i>Die Makromolekulare Chemie</i> , 1985, 186, 1203-1211.	1.1	24
330	Synthesis of fluorine-containing graft copolyamides by using condensation-type macromonomers. <i>Journal of Polymer Science Part A</i> , 1988, 26, 2991-2996.	2.3	24
331	Synthesis of aromatic dicarboxyl-terminated poly(methyl methacrylate) macromonomers. <i>Journal of Polymer Science Part A</i> , 1989, 27, 2007-2014.	2.3	24
332	Boration Copolymerization between Dienes and Diisocyanates. Novel Alternating Copolymerization Strategy. <i>Macromolecules</i> , 1998, 31, 3155-3157.	4.8	24
333	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
334	Synthesis of Poly(cyclodiborazane)s by Hydroboration Polymerization Using Mesitylborane. <i>Polymer Journal</i> , 1998, 30, 833-837.	2.7	24
335	Synthesis and Properties of Alternating Acceptor-Donor $\pi$ -Conjugated Copolymers of Cyclodiborazane with Dithiafulvene. <i>Macromolecules</i> , 2000, 33, 7467-7470.	4.8	24
336	Alternating Boration Copolymerization between Dienes and Diisocyanates. Organoboron Polymers Bearing Monomeric Iminoborane in Their Main Chain. <i>Macromolecules</i> , 2000, 33, 2801-2806.	4.8	24
337	Synthesis of Photosensitive Organic-Inorganic Polymer Hybrids by Utilizing Caged Photoactivatable Alkoxysilane. <i>Macromolecules</i> , 2004, 37, 5916-5922.	4.8	24
338	Multiresponsive Photopatterning Organic-Inorganic Polymer Hybrids Using a Caged Photoluminescence Compound. <i>Macromolecules</i> , 2005, 38, 4425-4431.	4.8	24
339	First synthesis of the bismole-containing conjugated polymer. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4857-4863.	2.3	24
340	Luminescent Polymer Consisting of 9,12-Linked <i>o</i> -Carborane. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1357-1362.	3.9	24
341	Synthesis of emissive water-soluble network polymers based on polyhedral oligomeric silsesquioxane and their application as optical sensors for discriminating the particle size. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12539-12545.	5.5	24
342	New Idea for Narrowing an Energy Gap by Selective Perturbation of One Frontier Molecular Orbital. <i>Chemistry Letters</i> , 2021, 50, 269-279.	1.3	24

#	ARTICLE	IF	CITATIONS
343	Synthesis of Non-Ionic Hydrogel from Star-Shaped Polyoxazoline.. Polymer Journal, 1992, 24, 1301-1306.	2.7	23
344	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
345	Thermoresponsive Organic-Inorganic Polymer Hybrids from Poly(N-isopropylacrylamide). Polymer Journal, 1999, 31, 258-262.	2.7	23
346	Effect of anionic dendrimers on the crystallization of calcium carbonate in aqueous solution. Comptes Rendus Chimie, 2003, 6, 1193-1200.	0.5	23
347	Synthesis and characterization of novel $\pi$ -conjugated polymers with phosphole ring derivatives. Journal of Polymer Science Part A, 2007, 45, 2867-2875.	2.3	23
348	Synthesis of Optically Active $\pi$ -Chiral and Optically Inactive Oligophosphines. Chemistry - an Asian Journal, 2007, 2, 1166-1173.	3.3	23
349	Stereospecific Construction of a trans-1,4-Diphosphacyclohexane Skeleton. Organic Letters, 2008, 10, 1489-1492.	4.6	23
350	Synthesis of Enantiomerically Pure P-Stereogenic Diphosphacrowns and Their Palladium Complexes. Journal of Organic Chemistry, 2011, 76, 1795-1803.	3.2	23
351	Facile design of organic-inorganic hybrid gels for molecular recognition of nucleoside triphosphates. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2050-2055.	2.2	23
352	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. Crystals, 2020, 10, 615.	2.2	23
353	Alkoxyboration Polymerization. Synthesis of Novel Poly(boronic carbamate)s. Macromolecules, 1998, 31, 3802-3806.	4.8	22
354	Synthesis of $\pi$ -Conjugated Poly(cyclodiborazane)s by Organometallic Polycondensation. Macromolecules, 2000, 33, 8146-8148.	4.8	22
355	Synthesis and characterization of liquid-crystalline silsesquioxanes. Polymer Bulletin, 2001, 46, 15-21.	3.3	22
356	Synthesis and characterization of stereoregular poly(methyl methacrylate)-silica hybrid utilizing stereocomplex formation. Journal of Polymer Science Part A, 2004, 42, 785-794.	2.3	22
357	Synthesis of anionic polymer-silica hybrids by controlling pH in an aqueous solution. Journal of Materials Chemistry, 2005, 15, 315-322.	6.7	22
358	Synthesis and Characterization of Stereoisomers of 1,4-Dihydro-1,4-diarsinines. Organometallics, 2009, 28, 6109-6113.	2.3	22
359	Precise Sulfite Functionalization of Polyolefins via ADMET Polymerization. ACS Macro Letters, 2015, 4, 624-627.	4.8	22
360	Synthesis of Air- and Moisture-Stable Dibenzogallepins: Control of Planarity of Seven-Membered Rings in Solid States by Coordination to Gallium Atoms. Organic Letters, 2015, 17, 1593-1596.	4.6	22

#	ARTICLE	IF	CITATIONS
361	Synthesis of furan-substituted aza-BODIPYs having near-infrared emission. <i>Tetrahedron Letters</i> , 2017, 58, 2989-2992.	1.4	22
362	Electronic chirality inversion of lanthanide complex induced by achiral molecules. <i>Scientific Reports</i> , 2018, 8, 16395.	3.3	22
363	Design of Thermochromic Luminescent Dyes Based on the Bis(ortho- <i>o</i> -carborane)-Substituted Benzobithiophene Structure. <i>Chemistry - an Asian Journal</i> , 2019, 14, 789-795.	3.3	22
364	Hydroboration polymerization of dicyano compounds. <i>Polymer Bulletin</i> , 1993, 31, 553-558.	3.3	21
365	Synthesis of Photoresponsive Organic-Inorganic Polymer Hybrids from Azobenzene-Modified Poly(2-methyl-2-oxazoline). <i>Macromolecules</i> , 1998, 31, 532-534.	4.8	21
366	Poly(cyclodiborazane)s. <i>Journal of Organometallic Chemistry</i> , 2003, 680, 27-30.	1.8	21
367	Organic-Inorganic Nano-Hybrid Materials [Translated]; KONA Powder and Particle Journal, 2007, 25, 255-260.	1.7	21
368	Synthesis of optically active polymers containing chiral phosphorus atoms in the main chain. <i>Journal of Polymer Science Part A</i> , 2007, 45, 866-872.	2.3	21
369	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
370	Red/Near-Infrared Light-Emitting Organic-Inorganic Hybrids Doped with Covalently Bound Boron Dipyrromethene (BODIPY) Dyes via Microwave-Assisted One-Pot Process. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 471-481.	3.2	21
371	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
372	Oligoamylose-entwined porphyrin: excited-state induced-fit for chirality induction. <i>Chemical Communications</i> , 2016, 52, 2481-2484.	4.1	21
373	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
374	Comparison of luminescent properties of helicene-like bibenzothiophenes with <i>o</i> -carborane and 5,6-dicarba-nido-decaborane. <i>Science China Chemistry</i> , 2018, 61, 940-946.	8.2	21
375	Unique Substitution Effect at 5,5-Positions of Fused Azobenzene-Boron Complexes with a N=N-Conjugated System. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1837-1843.	3.3	21
376	Allylboration polymerization. 1. Synthesis of boron-containing polymers by the reaction between triallylborane and dicyano compounds. <i>Macromolecules</i> , 1992, 25, 3005-3006.	4.8	20
377	Synthesis of poly(organoboron halide)s by hydroboration polymerization between diene and monobromoborane. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 227.	2.0	20
378	Synthesis of Star-Shaped Polymers via Coordination of Bipyridyl-Terminated Polyoxyethylene with Metal Ions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995, 32, 1213-1223.	2.2	20

#	ARTICLE	IF	CITATIONS
379	Synthesis of Poly(cyclodiborazane)s Bearing a Disilanylene Unit and Their Optical and Electrochemical Properties. <i>Macromolecules</i> , 2001, 34, 3510-3511.	4.8	20
380	Stable crosslinked $\pi$ -conjugated boron containing polymers prepared by hydroboration polymerization or allylboration polymerization. <i>Polymer Bulletin</i> , 2003, 51, 9-16.	3.3	20
381	Electrical conductivity of $\pi$ -conjugated organoboron polymers upon n-type doping. <i>Synthetic Metals</i> , 2003, 135-136, 393-394.	3.9	20
382	Synthesis and Properties of Oligophenylene- $\pi$ -Layered Polymers. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1094-1100.	3.9	20
383	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
384	Liquid scintillators with near infrared emission based on organoboron conjugated polymers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5331-5334.	2.2	20
385	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. <i>Macromolecules</i> , 2016, 49, 8899-8904.	4.8	20
386	A Highly Efficient Near-Infrared-Emissive Copolymer with a N=N Double-Bond $\pi$ -Conjugated System Based on a Fused Azobenzene-Boron Complex. <i>Angewandte Chemie</i> , 2018, 130, 6656-6661.	2.0	20
387	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
388	Preparation of Near-Infrared Emissive $\pi$ -Conjugated Polymer Films Based on Boron-Fused Azobenzene Complexes with Perpendicularly Protruded Aryl Substituents. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000566.	3.9	20
389	Rational design for thermochromic luminescence in amorphous polystyrene films with bis-carborane-substituted enhanced conjugated molecule having aggregation-induced luminochromism. <i>Aggregate</i> , 2021, 2, e93.	9.9	20
390	Design Strategies and Recent Results for Near-Infrared-Emissive Materials Based on Element-Block $\pi$ -Conjugated Polymers. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2290-2301.	3.2	20
391	Discovery of Functional Luminescence Properties Based on Flexible and Bendable Boron-Fused Azomethine/Azobenzene Complexes with O,N,O-Type Tridentate Ligands. <i>Chemical Record</i> , 2021, 21, 1358-1373.	5.8	20
392	Synthesis of crown ether-terminated poly(methyl methacrylate) by radical chain transfer polymerization. <i>Journal of Polymer Science Part A</i> , 1990, 28, 59-65.	2.3	19
393	Photochromic organic-inorganic polymer hybrids from spiropyran-modified poly( N , N ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18	3.3	19
394	Preparation of CaCO <sub>3</sub> /polymer composite films via interaction of anionic starburst dendrimer with poly(ethylenimine). <i>Polymer Bulletin</i> , 2000, 45, 447-450.	3.3	19
395	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. <i>Chemical Communications</i> , 2000, , 2477-2478.	4.1	19
396	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

#	ARTICLE	IF	CITATIONS
397	Synthesis of optically active oligomers consisting of chiral phosphorus atoms: capture of an intermediate between a polymer and a small molecule. <i>Tetrahedron Letters</i> , 2007, 48, 1451-1455.	1.4	19
398	Synthesis of the Optically Active Polymer Consisting of Chiral Phosphorus Atoms and p-Phenylene-ethynylene Units. <i>Polymer Bulletin</i> , 2007, 58, 665-671.	3.3	19
399	Polymethylenes Containing [2.2]Paracyclophane in the Side Chain. <i>Macromolecules</i> , 2009, 42, 1439-1442.	4.8	19
400	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
401	Conjugated microporous polymers consisting of tetrasubstituted [2.2]Paracyclophane junctions. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2311-2316.	2.3	19
402	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
403	Synthesis of optically active through-space conjugated polymers consisting of planar chiral [2.2]paracyclophane and quaterthiophene. <i>Polymer Journal</i> , 2015, 47, 278-281.	2.7	19
404	Characterization and Photophysical Properties of a Luminescent Aluminum Hydride Complex Supported by a $\beta$ -Diketiminato Ligand. <i>Inorganics</i> , 2019, 7, 100.	2.7	19
405	Recent developments in stimuli-responsive luminescent polymers composed of boron compounds. <i>Polymer Chemistry</i> , 2021, 12, 6372-6380.	3.9	19
406	$\pi$ -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
407	Ring-opening isomerization polymerization of cyclic iminocarbonates. <i>Macromolecules</i> , 1992, 25, 5878-5885.	4.8	18
408	Hydroboration copolymerization. <i>Polymer Bulletin</i> , 1992, 27, 375-382.	3.3	18
409	Organic-inorganic polymer hybrids using octasilsesquioxanes with hydroxyl groups. <i>Polymer Bulletin</i> , 2001, 46, 351-356.	3.3	18
410	A new type of block copolymerization with one-shot feeding of two monomers. <i>Macromolecular Symposia</i> , 2002, 183, 53-64.	0.7	18
411	Self-organized Nanocomposites of Functionalized Gold Nanoparticles with Octa(3-aminopropyl)octasilsesquioxane. <i>Chemistry Letters</i> , 2004, 33, 216-217.	1.3	18
412	Preparation and Characterization of Poly(vinylpyrrolidone)/Zirconium Oxide Hybrids by Using Inorganic Nanocrystals. <i>Polymer Journal</i> , 2008, 40, 1157-1163.	2.7	18
413	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
414	Synthesis of organic-inorganic polymer hybrids from poly(vinyl chloride) and polyhedral oligomeric silsesquioxane via CH $\pi$ interaction. <i>Progress in Organic Coatings</i> , 2009, 64, 124-127.	3.9	18



#	ARTICLE	IF	CITATIONS
415	Biodegradable Main-Chain Phosphate-Caged Fluorescein Polymers for the Evaluation of Enzymatic Activity. <i>Macromolecules</i> , 2010, 43, 6180-6184.	4.8	18
416	Synthesis of benzo[h]quinoline-based neutral pentacoordinate organosilicon complexes. <i>Chemical Communications</i> , 2012, 48, 8541.	4.1	18
417	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
418	Synthesis, characterization, and optoelectronic study of three biaryl-fused closo-o-carboranes and their nido-[C <sub>2</sub> B <sub>9</sub> ] species. <i>Journal of Organometallic Chemistry</i> , 2015, 798, 165-170.	1.8	18
419	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
420	Randomly Distributed Conjugated Polymer Repeat Units for High-Efficiency Photovoltaic Materials with Enhanced Solubility and Processability. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44583-44588.	8.0	18
421	Regulation of solid-state dual-emission properties by switching luminescence processes based on a bis- <i>o</i> -carborane-modified anthracene triad. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1414-1420.	5.9	18
422	Synthesis of polysiloxane-polyoxazoline graft copolymer by hydrosilylation reaction. <i>Polymer Bulletin</i> , 1988, 19, 435-440.	3.3	17
423	Polyamide-silica gel hybrids containing metal salts: Preparation via the sol-gel reaction. <i>Polymer Bulletin</i> , 1997, 38, 501-508.	3.3	17
424	Solvatochromic Characterization of Organic-Inorganic Polymer Hybrids with Pyridinium-N-Phenolate Betaine Dyes. <i>Macromolecules</i> , 2000, 33, 3059-3064.	4.8	17
425	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
426	Synthesis of Poly(vinyl chloride) and Silica Gel Polymer Hybrids via CH/π Interaction. <i>Polymer Journal</i> , 2004, 36, 871-877.	2.7	17
427	Novel Synthesis of Submicrometer Silica Spheres in Non-alcoholic Solvent by Microwave-assisted Sol-Gel Method. <i>Chemistry Letters</i> , 2004, 33, 1504-1505.	1.3	17
428	Synthesis of colloidal polyoxazoline/silica hybrids prepared in an aqueous solution. <i>Polymer</i> , 2006, 47, 4036-4041.	3.8	17
429	Synthesis of transition-metal-containing poly(pyrazabole)s. <i>Pure and Applied Chemistry</i> , 2006, 78, 1407-1411.	1.9	17
430	pH Responsive Aggregation of Imidazolium Cations-Modified Gold Nanoparticles with Poly(acrylic) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.7	17
431	Synthesis and Characterization of π-Conjugated Polymers with a 2,5-Substituted Phosphole Skeleton. <i>Polymer Bulletin</i> , 2007, 58, 777-784.	3.3	17
432	Homogeneous anionic PPE hybrids with silica gel. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3749-3755.	2.3	17

#	ARTICLE	IF	CITATIONS
433	Stoichiometric Complexation of Palladium(II) with 1,4-Dihydro-1,4-diansinine as a Rigid Symmetrical Bidentate Ligand. <i>Organometallics</i> , 2008, 27, 1034-1036.	2.3	17
434	Synthesis and properties of carbazole- $\pi$ -layered polymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4279-4288.	2.3	17
435	Microwave-enhanced hybridizations of biopolymers with silica: effective method for rapid preparation and homogeneous dispersion. <i>Polymer Bulletin</i> , 2011, 66, 1039-1050.	3.3	17
436	Synthesis of Dibenzo[b,f]silolepins with a Benzoquinolyl Ligand. <i>Organic Letters</i> , 2013, 15, 2366-2369.	4.6	17
437	Energy transfer through heterogeneous dyes- $\pi$ -substituted fluorene- $\pi$ -containing alternating copolymers and their dual-emission properties in the films. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2026-2035.	2.3	17
438	Color tuning of alternating conjugated polymers composed of pentaazaphenalene by modulating their unique electronic structures involving isolated-LUMOs. <i>Polymer Chemistry</i> , 2016, 7, 3674-3680.	3.9	17
439	Design of Conjugated Molecules Presenting Short-Wavelength Luminescence by Utilizing Heavier Atoms of the Same Element Group. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1342-1347.	3.3	17
440	Independently Tuned Frontier Orbital Energy Levels of 1,3,4,6,9b-Pentaazaphenalene Derivatives by the Conjugation Effect. <i>Journal of Organic Chemistry</i> , 2019, 84, 2768-2778.	3.2	17
441	Functional polymers based on high hydrophilicity of poly(2-methyl-2-oxazoline). <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1990, 33, 31-43.	0.6	16
442	Reactions of organoboron polymers prepared by hydroboration polymerization. 1. Synthesis of poly(alcohol) by reaction with carbon monoxide. <i>Macromolecules</i> , 1991, 24, 3010-3012.	4.8	16
443	Hydroboration Polymerization of Dicyanoanthracene Using Mesitylborane. <i>Macromolecules</i> , 1998, 31, 8047-8050.	4.8	16
444	Stable organoboron polymers prepared by hydroboration polymerization of diynes with mesitylborane. <i>Polymer</i> , 2000, 41, 5047-5051.	3.8	16
445	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
446	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. <i>Journal of Applied Crystallography</i> , 2007, 40, s73-s77.	4.5	16
447	Aza-Wittig Polymerization: A Simple Method for the Synthesis of Regioregular Poly(azomethine)s. <i>Macromolecules</i> , 2008, 41, 9677-9682.	4.8	16
448	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
449	Synthesis of Optically Active Polymer with $\pi$ -Stereogenic Phosphine Units. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1719-1724.	3.9	16
450	Synthesis and tuning of optical properties of conjugated polymers involving benzo[h]quinoline-based neutral pentacoordinate organosilicon complexes in the main chain. <i>Polymer Chemistry</i> , 2013, 4, 5237.	3.9	16

#	ARTICLE	IF	CITATIONS
451	Chirality induction in binuclear phthalocyanine tweezers. <i>Tetrahedron Letters</i> , 2014, 55, 271-274.	1.4	16
452	Development of highly-sensitive detection system in $^{19}\text{F}$ 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
453	Synthesis of a near-infrared light-absorbing polymer based on thiophene-substituted Aza-BODIPY. <i>Polymer Journal</i> , 2018, 50, 271-275.	2.7	16
454	Synthesis, properties and structure of borafluorene-based conjugated polymers with kinetically and thermodynamically stabilized tetracoordinated boron atoms. <i>Polymer Journal</i> , 2018, 50, 197-202.	2.7	16
455	Tuning the NIR Absorption Properties of 1,3,4,6,9bPentaazaphenylene Derivatives Through the Spatially Separated Frontier Molecular Orbitals. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 777-783.	2.4	16
456	Enhancing Light Absorption and Luminescent Properties of Non-emissive 1,3,4,6,9bPentaazaphenylene through Perturbation of Forbidden Electronic Transition by Boron Complexation. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 259-266.	2.7	16
457	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. <i>Polymer Chemistry</i> , 2021, 12, 2752-2759.	3.9	16
458	Switching between intramolecular charge transfer and excimer emissions in solids based on aryl-modified ethynyl-o-carboranes. <i>Cell Reports Physical Science</i> , 2022, 3, 100758.	5.6	16
459	Synthesis of Aromatic Polyamide-Poly(methyl methacrylate) Graft Copolymers by the Macromonomer Method. <i>Polymer Journal</i> , 1988, 20, 407-411.	2.7	15
460	Reactions of organoboron polymers prepared by hydroboration polymerization. <i>Polymer Bulletin</i> , 1991, 26, 165-168.	3.3	15
461	Formation of IPN organic-inorganic polymer hybrids utilizing the photodimerization of thymine. <i>Polymer Bulletin</i> , 2000, 45, 9-16.	3.3	15
462	Luminescent chiral organoboron 8-aminoquinolate-coordination polymers. <i>Applied Organometallic Chemistry</i> , 2010, 24, 563-568.	3.5	15
463	Synthesis of through-space conjugated polymers containing [2.2]paracyclophane and thieno[3,4-b]pyrazine in the main chain. <i>Journal of Polymer Science Part A</i> , 2009, 47, 7003-7011.	2.3	15
464	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
465	Naphthalene-based oligothiophene-stacked polymers. <i>Polymer Journal</i> , 2010, 42, 928-934.	2.7	15
466	Stereogenic Optically Active Polymer and the Complexation Behavior. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2603-2611.	2.2	15
467	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
468	Fluorescence and phosphorescence study of germanium-acetylene polymers and germanpericyclines. <i>Polymer Chemistry</i> , 2015, 6, 7495-7499.	3.9	15

#	ARTICLE	IF	CITATIONS
469	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
470	Controlling Energy Gaps of $\pi$ -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
471	Regioregular and Regiosymmetric Polythiophenes. , 0, , 59-90.		15
472	Development of NIR emissive fully-fused bisboron complexes with $\pi$ -conjugated systems including multiple azo groups. <i>Dalton Transactions</i> , 2021, 51, 74-84.	3.3	15
473	Hydroboration polymerization of dicyano compounds. <i>Polymer Bulletin</i> , 1993, 31, 547-552.	3.3	14
474	Synthesis of chitosan/silica gel polymer hybrids. <i>Composite Interfaces</i> , 1998, 6, 259-272.	2.3	14
475	Synthesis of $\pi$ -conjugated organoboron polymers by haloboration-phenylboration polymerization of aromatic diynes. <i>Polymer Bulletin</i> , 1999, 42, 505-510.	3.3	14
476	Alternating $\pi$ -conjugated copolymer of dithiafulvene with 2,2'-bipyridyl units. <i>Journal of Polymer Science Part A</i> , 2001, 39, 4083-4090.	2.3	14
477	$\pi$ -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
478	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
479	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
480	Microporous Nanocomposites of Pd and Au Nanoparticles via Hierarchical Self-Assembly. <i>Langmuir</i> , 2005, 21, 12395-12398.	3.5	14
481	A hybrid-type, chiral $\pi$ -conjugated polymer wrapped with polyhedral oligomeric silsesquioxanes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6035-6040.	2.3	14
482	Simple and Rapid Eco-friendly Synthesis of Cubic Octamethylsilsesquioxane Using Microwave Irradiation. <i>Chemistry Letters</i> , 2010, 39, 354-355.	1.3	14
483	Conductivity regulation of the mixed-valence tetrathiafulvalene nanowire/poly(methyl methacrylate) composites using heterogeneous tetrathiafulvalene derivatives. <i>Journal of Materials Chemistry</i> , 2011, 21, 9603.	6.7	14
484	Synthesis of Enantiopure P-Stereogenic Diphosphacrowns using P-Stereogenic Secondary Phosphines. <i>Journal of Organic Chemistry</i> , 2013, 78, 2769-2774.	3.2	14
485	Design of functionalized nanoparticles for the applications in nanobiotechnology. <i>Advanced Powder Technology</i> , 2014, 25, 101-113.	4.1	14
486	Synthesis of dual-emissive organometallic complexes containing heterogeneous metal elements. <i>Tetrahedron Letters</i> , 2014, 55, 6477-6481.	1.4	14

#	ARTICLE	IF	CITATIONS
487	Synthesis and Characterization of Heterofluorenes with Five-coordinated Group 13 Elements. <i>Chemistry Letters</i> , 2015, 44, 1658-1660.	1.3	14
488	High HOMO levels and narrow energy band gaps of dithienogalloles. <i>RSC Advances</i> , 2015, 5, 55406-55410.	3.6	14
489	Vapochromic Luminescent $\pi$ -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
490	Synthesis of $\beta$ -Bifunctional Fluorine-Containing Polysiloxanes by Hydrosilation Reaction. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995, 32, 29-40.	2.2	13
491	Novel aprotic polar polymers. <i>Polymer Bulletin</i> , 1997, 38, 379-386.	3.3	13
492	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
493	Synthesis and Properties of Novel Poly( <i>p</i> -phenylenevinylene)s Containing a Tricarbonyl(arene)chromium Unit in the Main Chain. <i>Polymer Bulletin</i> , 2003, 50, 39-46.	3.3	13
494	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
495	Functional Macromolecules with Electron-Donating Dithiafulvene Unit. <i>Advances in Polymer Science</i> , 2004, , 81-106.	0.8	13
496	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
497	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
498	Controlled polymer hybrids with ladderlike polyphenylsilsesquioxane as a template via the sol-gel reaction of phenyltrimethoxysilane. <i>Journal of Polymer Science Part A</i> , 2005, 43, 473-478.	2.3	13
499	Appearing, Disappearing, and Reappearing Fumed Silica Nanoparticles: Tapping-Mode AFM Evidence in a Condensation Cured Polydimethylsiloxane Hybrid Elastomer. <i>Chemistry of Materials</i> , 2007, 19, 2141-2143.	6.7	13
500	Synthesis of Cyano-substituted Through-space Poly( <i>p</i> -arylenevinylene). <i>Chemistry Letters</i> , 2009, 38, 734-735.	1.3	13
501	Construction of multi-N-heterocycle-containing organic solvent-soluble polymers with 1,3,4,6,9b-pentaazaphenalene. <i>Polymer Journal</i> , 2014, 46, 688-693.	2.7	13
502	Adamantane ionic liquids. <i>RSC Advances</i> , 2014, 4, 28107.	3.6	13
503	Bulk Acyclic Diene Metathesis Polycondensation. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900223.	2.2	13
504	Reactions of organoboron polymers prepared by hydroboration polymerization. <i>Polymer Bulletin</i> , 1992, 29, 617-624.	3.3	12

#	ARTICLE	IF	CITATIONS
505	Synthesis of novel organoboron polymers by haloboration polymerization of bisallene compounds and their reactions. <i>Polymer Bulletin</i> , 1997, 39, 295-302.	3.3	12
506	Synthesis of a star-shaped polymer having tris ( $\beta^2$ -diketonato)chromium(III) at the center core. <i>Polymer Bulletin</i> , 1998, 41, 263-266.	3.3	12
507	Synthesis of a $\pi$ -Conjugated Poly(thioketene dimer) and Its Electron-Donating Property. <i>Macromolecules</i> , 2001, 34, 346-348.	4.8	12
508	Electron-Accepting System of Si $\rightarrow$ Si Bond in Linear Framework by Combination with Strong Donor. <i>Journal of the American Chemical Society</i> , 2001, 123, 6209-6210.	13.7	12
509	Synthesis of pH Sensitive Organic-Inorganic Polymer Hybrids. <i>Polymer Bulletin</i> , 2005, 53, 89-95.	3.3	12
510	Synthesis and Photoluminescence Properties of Pyrene-Incorporated Organic-Inorganic Polymer Hybrids. <i>Polymer Journal</i> , 2008, 40, 402-408.	2.7	12
511	Synthesis of highly luminescent organoboron polymers connected by bifunctional 8-aminquinolate linkers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3693-3701.	2.3	12
512	Facile Preparation of Concentration-Gradient Materials with Radical Spin of the Mixed-Valence Tetrathiafulvalene in Conventional Polymer Films. <i>Langmuir</i> , 2010, 26, 10254-10258.	3.5	12
513	Highly stabilized luminescent polymer nanocomposites: fluorescence emission from metal quinolate complexes with inorganic nanocrystals. <i>Journal of Materials Chemistry</i> , 2010, 20, 10688.	6.7	12
514	1,4-Dihydro-1,4-diarsinine-Bridged Dinuclear <i>trans</i> -Dihaloplatinum(II) Complexes: Synthesis and Controlled Pt $\rightarrow$ Pt Interaction by Halogen Substitution Induced Conformational Change. <i>Organometallics</i> , 2010, 29, 4992-5003.	2.3	12
515	Preparation of clusters having various interparticle distances based on imidazolium-modified gold nanoparticles via anion exchange. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 390, 126-133.	4.7	12
516	Heat-initiated detection for reduced glutathione with $^{19}\text{F}$ NMR probes based on modified gold nanoparticles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 281-286.	2.2	12
517	Through-Space Conjugated Molecular Wire Comprising Three $\pi$ -Electron Systems. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2891-2895.	3.3	12
518	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
519	Preparation of bright-emissive hybrid materials based on light-harvesting POSS having radially integrated luminophores and commercial $\pi$ -conjugated polymers. <i>Materials Chemistry Frontiers</i> , 2019, 3, 314-320.	5.9	12
520	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
521	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
522	Boronate Oligomers via Dehydrogenation of Diols with Thexylborane. <i>Polymer Journal</i> , 1991, 23, 743-746.	2.7	11

#	ARTICLE	IF	CITATIONS
523	The machinability of sintered carbons based on the correlation between tool wear rate and physical and mechanical properties. <i>Wear</i> , 1996, 195, 178-185.	3.1	11
524	Radical copolymerization of cyclic diarsine with vinyl monomers. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3023-3028.	2.3	11
525	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
526	Synthesis of Oligothiophene-Layered Polymers. <i>Macromolecular Rapid Communications</i> , 2009, 30, 2107-2111.	3.9	11
527	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
528	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
529	The relationship between magneto-optical properties and molecular chirality. <i>NPG Asia Materials</i> , 2016, 8, e251-e251.	7.9	11
530	Synthesis and Characterization of Ethynylated Germa[4]pericyclyne. <i>Chemistry Letters</i> , 2016, 45, 782-784.	1.3	11
531	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 &amp; Interfaces</i> , 2021, 13, 12483-12490.	8.0	11
532	Controlling the Dual-Emission Character of Aryl-Modified Carboranes by Intramolecular CH...O Interaction Sites. <i>Chemistry - A European Journal</i> , 2022, 28, e202200758.	3.3	11
533	Catalytic activity of Cu(II)-poly(vinyl alcohol) complex for decomposition of hydrogen peroxide. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1978, 16, 447-455.	0.8	10
534	Novel organoboron polymers hydroboration polymerization and haloboration polymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1993, 70-71, 47-56.	0.6	10
535	Synthesis of Poly(cyclodiborazane)s by the Reaction of Bis(silylimine)s with Chlorodialkylboranes or with Methyl Dialkylborinates. <i>Polymer Journal</i> , 1994, 26, 85-92.	2.7	10
536	Synthesis of poly(cyclodiborazane)s by hydroboration polymerization of dicyano compounds with tripylborane. <i>Polymer Bulletin</i> , 1999, 43, 151-155.	3.3	10
537	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
538	Unique crystal morphology of hydrophobic CaCO <sub>3</sub> 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
539	Synthesis and Properties of Cross-Linked Poly(vinylene-arsine). <i>Polymer Bulletin</i> , 2004, 52, 191-199.	3.3	10
540	Radical Terpolymerization of Organoarsenic Homocycle, Phenylacetylene, and Vinyl or Butadienyl Monomers. <i>Macromolecules</i> , 2004, 37, 3623-3629.	4.8	10

#	ARTICLE	IF	CITATIONS
541	Synthesis of Organic-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
542	Self-organized Wire-like Aggregates of Palladium Nanoparticles with Poly(amidoamine)dendrimer. <i>Chemistry Letters</i> , 2004, 33, 1236-1237.	1.3	10
543	Synthesis of soluble electron-donating polymers containing vinylogous TTF by oxidative dimerization of 1,4-bisdithiafulvenyl-2,5-dialkoxybenzene. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4600-4608.	2.3	10
544	Synthesis of Optically Active Dendrimers Having Chiral Bisphosphine as a Core. <i>Polymer Bulletin</i> , 2007, 59, 339-350.	3.3	10
545	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
546	Synthesis and luminescent properties of pyrenylvinylene-substituted tripylborane. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1723-1726.	1.8	10
547	A Facile Synthesis of Chiral Luminescent Organoboron Polymers by Hydroboration Polymerization Utilizing Chiral Borane. <i>Macromolecules</i> , 2009, 42, 1560-1564.	4.8	10
548	Aza-Wittig Polymerization: Kinetic Study and Efficient End Functionalization of Poly(azomethine)s. <i>Macromolecules</i> , 2009, 42, 3463-3468.	4.8	10
549	Processing dependence of surface morphology in condensation cured PDMS nanocomposites. <i>Polymer</i> , 2010, 51, 5756-5763.	3.8	10
550	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
551	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
552	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
553	Extended germa[N]pericyclines: synthesis and characterization. <i>Dalton Transactions</i> , 2017, 46, 2281-2288.	3.3	10
554	Fluoroalkyl POSS with Dual Functional Groups as a Molecular Filler for Lowering Refractive Indices and Improving Thermomechanical Properties of PMMA. <i>Polymers</i> , 2018, 10, 1332.	4.5	10
555	Stretchable Conductive Hybrid Films Consisting of Cubic Silsesquioxane-capped Polyurethane and Poly(3-hexylthiophene). <i>Polymers</i> , 2019, 11, 1195.	4.5	10
556	Photoresponsive polymeric actuator cross-linked by an 8-armed polyhedral oligomeric silsesquioxane. <i>European Polymer Journal</i> , 2020, 134, 109806.	5.4	10
557	Reversible Vapochromic Luminescence Accompanied by Planar Half-Chair Conformational Change of a Propeller-Shaped Boron $\eta^2$ -Diketiminato Complex. <i>Chemistry - A European Journal</i> , 2021, 27, 9302-9312.	3.3	10
558	PPV-type $\pi$ -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



#	ARTICLE	IF	CITATIONS
559	Stimuli-Responsive Self-Assembly of $\pi$ -Conjugated Liquids Triggers Circularly Polarized Luminescence. ACS Applied Materials & Interfaces, 2021, 13, 47127-47133.	8.0	10
560	Synthesis of segmented copolyamides by using telechelic prepolymers. Die Makromolekulare Chemie, 1984, 185, 2077-2087.	1.1	9
561	Versatile Reactions of Organoboron Polymers Prepared by Hydroboration Polymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 1994, 31, 1647-1655.	2.2	9
562	Thermal stability of blends of poly(vinyl chloride) with polyester elastomer. Angewandte Makromolekulare Chemie, 1995, 226, 1-12.	0.2	9
563	Synthesis of Novel $\pi$ - $\pi$ 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
564	Controlled polymerization of activated glycine esters by copper(II) chelate. Journal of Polymer Science Part A, 2003, 41, 1504-1510.	2.3	9
565	Synthesis and characterization of transparent poly(2-methyl-2-oxazoline) (POZO)-vanadium oxide (V <sub>2</sub> O <sub>5</sub> ) hybrids with reversible formation. Journal of Materials Chemistry, 2003, 13, 2202-2207.	6.7	9
566	Poly(arylene-ethynylene)s containing dithia[3.3]metaphane. Comptes Rendus Chimie, 2009, 12, 332-340.	0.5	9
567	Nanofiber formation via the self-assembly of a chiral regioregular poly(azomethine). Chemical Communications, 2009, , 2183.	4.1	9
568	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
569	Synthesis and low-temperature dehydrating imidation polymerization of 1,4-dihydro-1,4-diarisininetetracarboxylic acid dianhydride. Polymer Journal, 2011, 43, 358-363.	2.7	9
570	Aromatic-ring-layered polymers composed of fluorene and xanthene. Polymer Journal, 2011, 43, 733-737.	2.7	9
571	Tumor cell-specific prodrugs using arsonic acid-presenting iron oxide nanoparticles with high sensitivity. Bioorganic and Medicinal Chemistry, 2012, 20, 4675-4679.	3.0	9
572	Structural diversity in the coordination of 1,4-dihydro-1,4-diarisine as a cyclic ditopic organoarsenic ligand to metal ions. Heteroatom Chemistry, 2012, 23, 16-26.	0.7	9
573	[2.2]paracyclophane-based through-space conjugated polymers with fluorescence quenchers. Journal of Polymer Science Part A, 2013, 51, 334-339.	2.3	9
574	Synthesis and photoluminescence behaviors of anthracene-layered polymers. Journal of Polymer Science Part A, 2014, 52, 2815-2821.	2.3	9
575	Synthesis and Properties of a Through-space-conjugated Dimer. Chemistry Letters, 2014, 43, 426-428.	1.3	9
576	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

#	ARTICLE	IF	CITATIONS
577	The Predictions of Air Pollution Levels by Nonphysical Models Based on Kalman Filtering Method. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 1976, 98, 375-386.	1.6	9
578	Gelation of telechelic trimethoxysilyl-terminated polyoxazolines. <i>Polymer Bulletin</i> , 1993, 31, 311-316.	3.3	8
579	Synthesis of amphiphilic silane coupling agents based on poly(2-ethyl-2-oxazoline) and their reactions with tetraethoxysilane. <i>Polymer Bulletin</i> , 1993, 31, 317-322.	3.3	8
580	Reactions of Organoboron Polymers Prepared by Hydroboration Polymerization V. Synthesis of Polymers Having Cyano Groups by the Reaction with 2-Bromo-6-lithiopyridine. <i>Polymer Journal</i> , 1993, 25, 891-895.	2.7	8
581	Hydroboration, haloboration and phenylboration polymerizations. <i>Macromolecular Symposia</i> , 1997, 118, 111-116.	0.7	8
582	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
583	Synthesis and luminescent properties of bithiazole and dithiafulvene derivatives. <i>Synthetic Metals</i> , 2001, 121, 1689-1690.	3.9	8
584	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
585	π-Conjugated Polymers with Electroactive Thioketene Dimer Unit. <i>Macromolecules</i> , 2002, 35, 3806-3809.	4.8	8
586	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
587	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
588	Polymerization of bisdithiafulvenes with conjugated spacers using oxidative dimerization. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2027-2033.	2.3	8
589	Effect of iron (III) hydroxide sol as a support for oligomerization of L-phenylalanine in aqueous solution. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 436-441.	1.8	8
590	Nanohybridized Synthesis of Metal Nanoparticles and Their Organization. <i>Advances in Materials Research</i> , 2009, , 3-40.	0.2	8
591	Effect of substituent groups for formation of organic-metal hybrid nanowires by charge-transfer of tetrathiafulvalene derivatives with metal ion. <i>Synthetic Metals</i> , 2009, 159, 931-934.	3.9	8
592	Blue emission from polymer nanocomposites: preparation and application of multicolored luminescent materials. <i>Polymer Journal</i> , 2011, 43, 352-357.	2.7	8
593	Porous epoxy microparticles prepared by an advanced aqueous method. <i>Materials Letters</i> , 2011, 65, 1655-1658.	2.6	8
594	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
595	Catch and release with DNA by imidazolium-presenting iron oxide nanoparticles via anion exchange. <i>Composite Interfaces</i> , 2013, 20, 27-32.	2.3	8
596	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
597	[2.2]Paracyclophane-based single molecular wire consisting of four $\pi$ -electron systems. <i>Canadian Journal of Chemistry</i> , 2017, 95, 424-431.	1.1	8
598	Arene-Inserted Extended Germa[5]pericyclines: Synthesis, Structure, and Phosphorescence Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 10080-10086.	3.3	8
599	$\pi$ -Conjugated polymer-layered structures: synthesis and self-assembly. <i>Polymer Journal</i> , 2017, 49, 203-208.	2.7	8
600	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
601	Controlling the Dual-Emission Character of Aryl-Modified Carboranes by Intramolecular CH...O Interaction Sites. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	8
602	Specific two-step decarboxylation of copper(I,II) .beta.-ketocarboxylates. A novel type of regulation of the decarboxylation of .beta.-keto acids. <i>Journal of Organic Chemistry</i> , 1981, 46, 4980-4987.	3.2	7
603	Synthesis and Application of Polymerizable Silicone Oligomers from Water Glass. <i>Polymer Journal</i> , 1984, 16, 495-504.	2.7	7
604	Synthesis of Organoboron Polymers by Hydroboration Polymerization. <i>ACS Symposium Series</i> , 1994, , 398-415.	0.5	7
605	Novel aprotic polar polymers. <i>Polymer Bulletin</i> , 1998, 40, 503-508.	3.3	7
606	Synthesis of palladium clusters with surface initiator for polymerization of 2-methyl-2-oxazoline. <i>Polymer Bulletin</i> , 2001, 46, 357-362.	3.3	7
607	Stable organoboron polymers prepared by hydroboration polymerization of dienes with tripylborane. <i>Polymer Bulletin</i> , 2001, 46, 23-28.	3.3	7
608	Synthesis of poly(diallyl phthalate) and silica gel polymer hybrids utilizing $\pi$ - $\pi$ interactions. <i>Silicon Chemistry</i> , 2002, 1, 409-416.	0.8	7
609	Synthesis of Electron-Donating Polymer Having Vinylogous TTF in the Main Chain. <i>Polymer Journal</i> , 2006, 38, 1146-1151.	2.7	7
610	Oxidation of Dithia[3.3]metacyclophane-Containing Through-Space $\pi$ -Conjugated Polymer. <i>Polymer Bulletin</i> , 2006, 57, 623-630.	3.3	7
611	Self-organized Multilayer Films and Porous Nanocomposites of Gold Nanoparticles with Octa(3-aminopropyl)octasilsesquioxane. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 447-457.	3.7	7
612	Control of Self-Assembling Processes of Polyamidoamine Dendrimers and Pd Nanoparticles. <i>Macromolecules</i> , 2008, 41, 1815-1824.	4.8	7

#	ARTICLE	IF	CITATIONS
613	Synthesis of optically active polymers using P-chiral bisphosphines as anionic initiators. <i>Polymer Science - Series A</i> , 2009, 51, 1218-1228.	1.0	7
614	Synthesis of poly(vinylene- $\epsilon$ -sarsine)-stabilized silver nanoparticles. <i>Applied Organometallic Chemistry</i> , 2010, 24, 573-575.	3.5	7
615	Stacked 1,3,5-tris[(2,5-dimethylphenyl)ethynyl]benzenes: dimer and conjugated microporous polymer. <i>Tetrahedron Letters</i> , 2011, 52, 5504-5507.	1.4	7
616	Electron-system-layered polymers comprising thiophene/furan oligomers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3664-3670.	2.3	7
617	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
618	Synthesis of Submicrometer Zinc Oxide Particles and Zinc Oxide Nanowires Using Microwave Irradiation. <i>Chemistry Letters</i> , 2016, 45, 508-510.	1.3	7
619	Construction and properties of a light-harvesting antenna system for phosphorescent materials based on oligofluorene-tethered Pt-porphyrins. <i>RSC Advances</i> , 2017, 7, 10869-10874.	3.6	7
620	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
621	Modulation of stimuli-responsiveness toward acid vapor between real-time and write-erase responses based on conjugated polymers containing azobenzene and Schiff base moieties. <i>Journal of Polymer Science</i> , 2021, 59, 1596-1602.	3.8	7
622	Effects of Regioregularity of Conjugated Polymers Composed of Boron Diketiminato on Their Stimuli-Responsive Luminescence. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	7
623	Recent Progress on Designable Hybrids with Stimuli-Responsive Optical Properties Originating from Molecular Assembly Concerning Polyhedral Oligomeric Silsesquioxane. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	7
624	Surface and solution properties of polysiloxane-poly(methyl methacrylate) graft copolymer. <i>Journal of Polymer Science Part A</i> , 1989, 27, 1907-1913.	2.3	6
625	Silver(I)-induced coupling polymerization of bifunctional organoboron compounds. <i>Macromolecules</i> , 1993, 26, 2643-2644.	4.8	6
626	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
627	Synthesis of Soluble Complexan Polymers in Organic Solvents for Using as a Polymer-Chelate Precursor to YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Thin Films. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 571-577.	3.2	6
628	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
629	Poly(p-phenyleneethynylene)-Silica Gel Hybrids without Any Compatibilizer. <i>Chemistry Letters</i> , 2008, 37, 732-733.	1.3	6
630	Chiral $\pi$ -conjugated organoboron polymers. <i>Pure and Applied Chemistry</i> , 2009, 81, 433-437.	1.9	6

#	ARTICLE	IF	CITATIONS
631	Amphiphilic Hybrid $\pi$ -Conjugated Polymers Containing Polyhedral Oligomeric Silsesquioxanes. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1559-1563.	3.9	6
632	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
633	Xanthene-Based Oligothiophene-Layered Polymers. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2407-2415.	2.2	6
634	Versatile hybridization of conjugated polymers with silica. <i>Journal of Materials Chemistry</i> , 2011, 21, 14402.	6.7	6
635	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
636	Synthesis of cyclic compounds consisting of face-to-face p-oligophenyls. <i>Tetrahedron Letters</i> , 2014, 55, 1631-1634.	1.4	6
637	Synthesis of hexabenzocoronene-layered compounds. <i>Tetrahedron Letters</i> , 2015, 56, 2086-2090.	1.4	6
638	Oxygen-Resistant Electrochemiluminescence System with Polyhedral Oligomeric Silsesquioxane. <i>Polymers</i> , 2019, 11, 1170.	4.5	6
639	Conformation-Dependent Electron Donation of Nido-Carborane Substituents and Its Influence on Phosphorescence of Tris(2,2'-bipyridyl)ruthenium(II) Complex. <i>Crystals</i> , 2022, 12, 688.	2.2	6
640	Preparation and transcarboxylation of magnesium(II) and manganese(II) 2-oxoimidazolidine-1-carboxylato-complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1979, , 797.	2.0	5
641	Palladium(O)-mediated Formation of $\beta$ -Methylene- $\beta$ -butyrolactone from allyl 4-pentenoate. <i>Synthetic Communications</i> , 1981, 11, 775-780.	2.1	5
642	Synthesis, surface accumulation, and micellar properties of amphiphilic block copolymers. <i>Journal of Polymer Science Part A</i> , 1989, 27, 1883-1890.	2.3	5
643	Polymerization chemistry of the family of cyclic imino ethers. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991, 47, 163-177.	0.6	5
644	Measurement of initial conditions of a flying golf ball. , 0, , .		5
645	Synthesis and Optical Properties of Soluble Isoxazole-Containing Poly(p-phenylene)-Related Polymer. <i>Polymer Journal</i> , 2000, 32, 73-74.	2.7	5
646	Synthesis and Characterization of UV-Induced Interpenetrating Polymer Network (IPN) Structure of Poly(urethane acrylate) (UA Polymer)/Silica Hybrids. <i>Polymer Journal</i> , 2005, 37, 686-693.	2.7	5
647	Synthesis of sulfur-containing hyperbranched polymers by the bithiolation polymerization of diethynyl disulfide derivatives. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3580-3587.	2.3	5
648	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
649	Molecular Recognizable Cucurbituril/Silica Hybrids. <i>Chemistry Letters</i> , 2008, 37, 312-313.	1.3	5
650	Spontaneous Formation of Gold Nanoparticles with Octa(3-aminopropyl) Polyhedral Oligomeric Silsesquioxane. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 653-656.	3.2	5
651	P-Stereogenic Diphosphacrowns: Facile Incorporation of Aromatic Rings. <i>Heterocycles</i> , 2015, 91, 2295.	0.7	5
652	Synthesis of P-stereogenic macrocycles. <i>Heteroatom Chemistry</i> , 2017, 28, e21354.	0.7	5
653	High Surface Area, Thermally Stable, Hydrophobic, Microporous, Rigid Gels Generated at Ambient from MeSi(OEt) <sub>3</sub> /(EtO) <sub>3</sub> SiCH <sub>2</sub> CH <sub>2</sub> Si(OEt) <sub>3</sub> Mixtures by F <sup>+</sup> -Catalyzed Hydrolysis. <i>Chemistry - A European Journal</i> , 2018, 24, 274-280.	3.3	5
654	The Effect of the Substituent Positions on Self-Assembly Behaviors of Liquid-Crystalline 1,3,4,6,9b-Pentaazaphenalene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1854-1858.	3.2	5
655	Development of Long Wavelength Light-Absorptive Homopolymers Based on Pentaazaphenalene by Regioselective Oxidative Polymerization. <i>Polymers</i> , 2021, 13, 4021.	4.5	5
656	Hydroboration of styryl-terminated polystyrene with bifunctional thexylborane. <i>Polymer Bulletin</i> , 1993, 30, 215-222.	3.3	4
657	Reactions of organoboron polymers prepared by hydroboration polymerization. <i>Polymer Bulletin</i> , 1994, 33, 623-628.	3.3	4
658	Hydroboration Copolymerization of Dienes and Dicyano Compounds with Thexylborane. <i>Polymer Journal</i> , 1995, 27, 90-97.	2.7	4
659	Novel aprotic polar polymers. <i>Polymer Bulletin</i> , 1998, 40, 615-621.	3.3	4
660	Title is missing!. <i>Journal of Inorganic and Organometallic Polymers</i> , 1999, 9, 179-188.	1.5	4
661	Alternating boration copolymerization between diyne and bisallene. <i>Polymer Bulletin</i> , 1999, 43, 117-120.	3.3	4
662	Synthesis and properties of $\pi$ -conjugated dithiafulvene oligomers by addition of a monofunctionalized compound. <i>Journal of Polymer Science Part A</i> , 2003, 41, 708-715.	2.3	4
663	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
664	The Sea Urchin-shaped CaCO <sub>3</sub> via Template Mineralization on Surface-functionalized Vaterite Particles by Tiopronin-protected Gold Nanoparticles. <i>Chemistry Letters</i> , 2004, 33, 310-311.	1.3	4
665	Self-Assembly of Gold Nanoparticles Utilizing a Charge-Transfer Interaction between Carbazolyl and Dinitrophenyl Units. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 501-505.	3.2	4
666	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

#	ARTICLE	IF	CITATIONS
667	Synthesis and properties of an amphiphilic dithiafulvene oligomer. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3770-3775.	2.3	4
668	Aromatic ring-layered polymer containing 2,7-linked carbazole on xanthene. <i>Polymer Bulletin</i> , 2010, 65, 465-476.	3.3	4
669	New Type of Donor-Acceptor Through-Space Conjugated Polymer. <i>International Journal of Polymer Science</i> , 2010, 2010, 1-9.	2.7	4
670	Preparation of poly(methyl methacrylate) and polystyrene-composite-filled porous epoxy microparticles via in-situ suspension polymerization. <i>Polymer Testing</i> , 2011, 30, 841-847.	4.8	4
671	Preparation of flexible conductive films based on polymer composites with tetrathiafulvalene nanowires. <i>Synthetic Metals</i> , 2013, 180, 49-53.	3.9	4
672	Construction of aromatic-ring-layered structures using a terphenylene-layered polymer as the scaffold. <i>Polymer Chemistry</i> , 2013, 4, 5361.	3.9	4
673	Control of interparticle spacing in stable aggregates of gold nanoparticles by light irradiation. <i>Polymer Journal</i> , 2015, 47, 747-752.	2.7	4
674	Synthesis and Alkali-Metal-Ion Complexation of P-Stereogenic Diphosphacrowns. <i>ChemistryOpen</i> , 2016, 5, 325-330.	1.9	4
675	Self-assembly of [Au(CN) <sub>2</sub> ] <sup>-</sup> Complexes with Tomato ( <i>Solanum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Letters, 2018, 47, 1010-1013.	1.3	4
676	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
677	Positive Luminescent Sensor for Aerobic Conditions Based on Polyhedral Oligomeric Silsesquioxane Networks. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 162-165.	2.6	4
678	Synthesis, crystal structure, solid-state optical property and C-H activation of sp <sup>3</sup> 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
679	Modulation of Properties by Ion Changing Based on Luminescent Ionic Salts Consisting of Spiro(boron ketoiminate). <i>Molecules</i> , 2022, 27, 3438.	3.8	4
680	Synthesis of Organic Inorganic Polymer Hybrids Containing Transition Metal Salts.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 1994, 70, 138-142.	3.8	3
681	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
682	Metal-induced soluble bending structure of polyazomethine having a tetradentate ligand in the main chain. <i>Macromolecular Rapid Communications</i> , 1998, 19, 523-525.	3.9	3
683	Novel Aprotic Polar Polymers V. Synthesis of Poly(HMPA) by Ring-Opening Polymerization. <i>Polymer Journal</i> , 1999, 31, 506-509.	2.7	3
684	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

#	ARTICLE	IF	CITATIONS
685	Synthesis and Characterization of New Side-Chain Liquid Crystalline Polyoxazolines. <i>Polymer Journal</i> , 2000, 32, 657-664.	2.7	3
686	Preparation of Soluble Poly(azomethine)s Having the $\beta^2$ -Diketonate Metal Complex in the Main Chain. <i>Polymer Journal</i> , 2000, 32, 316-320.	2.7	3
687	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
688	A Simple In Situ Hydrogen Bond Interaction to Homogeneous Dispersion of Gold Nanoparticles in SiO <sub>2</sub> Matrix Using Dendrimer as Template. <i>Chemistry Letters</i> , 2002, 31, 1170-1171.	1.3	3
689	Synthesis of $\pi$ -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
690	Different shapes of spherical vaterite by photo-induced cis $\leftrightarrow$ 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
691	<i>Organoboron Polymers.</i> , 2006, , 121-147.		3
692	Layer-by-layer films based on charge transfer interaction of $\pi$ -conjugated poly(dithiafulvene) and incorporation of gold nanoparticles into the films. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1608-1615.	2.6	3
693	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
694	Poly(amide-imide)-Silica Gel Hybrids: Synthesis and Characterization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 663-673.	2.2	3
695	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
696	Stereospecific Synthesis of trans-1,4-Diphosphacyclohexanes. <i>Heterocycles</i> , 2012, 85, 2543.	0.7	3
697	Microwave-driven enzyme deactivation using imidazolium salt-presenting silica nanoparticles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4622-4625.	2.2	3
698	Synthesis of $\pi$ -Conjugated Polymers Containing Dibenzosilepin Moieties with Pentacoordinate Silicon. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1350-1355.	3.2	3
699	Synthesis of $\pi$ -Stereoogenic Tetraphosphacrowns. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1410-1416.	2.7	3
700	Synthesis of a Platinum Diketonate-Containing Polymer Showing Oxygen-Resistant Phosphorescence. <i>Macromolecular Rapid Communications</i> , 2015, 36, 684-688.	3.9	3
701	Integration of benzo[h]quinoline and $\pi$ -extended dibenzo[b,f]silepins on pentacoordinate silicon. <i>RSC Advances</i> , 2015, 5, 23331-23339.	3.6	3
702	Synthesis of organic-inorganic polymer hybrids utilizing in-situ anionic hydrogen-transfer polymerization of acrylamide. <i>Polymer</i> , 2016, 92, 13-17.	3.8	3



#	ARTICLE	IF	CITATIONS
703	Luminescent Organoboron Element-Blocks Exhibiting AIE Properties. ACS Symposium Series, 2016, , 157-174.	0.5	3
704	A new class of $\pi$ -conjugated organoboron polymers. Special Publication - Royal Society of Chemistry, 2007, , 51-58.	0.0	3
705	Synthesis of poly(cyclodiborazane)s by allylboration polymerization of dicyano compounds with trimethallyborane. Macromolecular Symposia, 1997, 122, 83-88.	0.7	2
706	Synthesis of polymer having $\beta^2, \beta^2$ -triketone unit in the main chain and its copper (II) complex. Polymer Bulletin, 1998, 40, 701-706.	3.3	2
707	Synthesis of hydroboration copolymer of TCNQ and formation of polymer charge transfer complex therefrom. Polymer Bulletin, 1999, 42, 33-40.	3.3	2
708	Effect of solvent polarity on enzymatic function of poly [(N-acylimino)ethylene] modified lipase. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1999, 75, 49-53.	3.8	2
709	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
710	Synthesis and modification reaction of organoboron segmented block copolymer of allyl-telechelic poly(isobutylene). Polymer Bulletin, 2004, 52, 25.	3.3	2
711	Polycondensation of $\alpha$ -amino acid esters in the presence of yttrium triflate as a Lewis acid. Journal of Polymer Science Part A, 2006, 44, 4731-4735.	2.3	2
712	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
713	Functionalization of Inorganic Nanoparticles with Organic Molecules. Kobunshi Ronbunshu, 2008, 65, 321-333.	0.2	2
714	Synthesis of Helical Polymers with a Pentasilane Core. Chemistry Letters, 2009, 38, 498-499.	1.3	2
715	Synthesis of unsymmetrical P-stereogenic oligophosphines and chemoselective cleavage of phosphine-borane coordinate bonds. Polymer Journal, 2012, 44, 579-585.	2.7	2
716	Luminescent Silicon Nanoparticles Surface-Modified with Chiral Molecules. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 255-260.	0.3	2
717	Molecular Designs for Solid-State Luminescent Properties and Recent Progresses on the Development of Functional Luminescent Solid Materials. , 2021, , 309-341.		2
718	Synthesis of Polyoxazoline-Polysiloxane Block Copolymers.. Kobunshi Ronbunshu, 1992, 49, 943-946.	0.2	1
719	Preparation and Esterification Activity of Poly[(N-Propionyl)-Iminoethylene] Modified Lipase from Candida Cylindracea. Biocatalysis and Biotransformation, 1997, 15, 91-100.	2.0	1
720	Chemical Modification of Lipase with Poly[(N-Acylimino)ethylene]s Having a Hydrophobic Component at the Polymer End. Journal of Macromolecular Science - Pure and Applied Chemistry, 1997, 34, 123-132.	2.2	1

#	ARTICLE	IF	CITATIONS
721	Synthesis and Properties of PPV-Based (Arene)Cr(CO) <sub>3</sub> -Containing Polymers Having Alkyldiphenylamine or Triarylamine in the Main Chain. <i>Polymer Bulletin</i> , 2004, 52, 141.	3.3	1
722	Oxidation polymerization of a charge-transfer complex of 2,6-bis(2-thienyl)-1,4-dithiafulvene with 7,7,8,8-tetracyanoquinodimethane. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6592-6598.	2.3	1
723	Oxidative Polymerization of Silylthioketene Dimer. <i>Macromolecular Rapid Communications</i> , 2006, 27, 2113-2117.	3.9	1
724	Self-Organized Nanocomposite of Gold Nanoparticles and Electron Organic Molecules. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 1801-1805.	2.2	1
725	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
726	Synthesis of organoaluminum polymers with aluminum-Nitrogen ring in their main-chain. <i>Main Group Chemistry</i> , 2007, 5, 287-295.	0.8	1
727	3-(2,2,6,6-Tetrapyridin-4-yl)propyl toluene-4-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2311-o2313.	0.2	1
728	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
729	Synthesis of Block Copolymers with a Pentasilane Core. <i>Macromolecular Rapid Communications</i> , 2009, 30, 948-953.	3.9	1
730	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
731	Regulation of dispersion/aggregation of phosphonium-presenting iron oxide nanoparticles by anion exchange. <i>Composite Interfaces</i> , 2012, 19, 557-564.	2.3	1
732	Polystyrene-Polyhedral Oligomeric Silsesquioxane Core-Shell Element-block Polymer Particles Fabricated via Heterocoagulation Method. <i>Chemistry Letters</i> , 2016, 45, 1168-1170.	1.3	1
733	Preparation of photo-responsive hybrid materials based on hydrogels involving imidazolium-presenting gold nanoparticles. <i>Polymer Journal</i> , 2016, 48, 177-181.	2.7	1
734	Synthesis of poly(vinyl alcohol) / silica gel polymer hybrids by in-situ hydrolysis method. , 1998, 12, 755.		1
735	Cyclophane-Based $\pi$ -Stacked Polymers. , 2014, , 151-184.		1
736	Element-Block Materials: New Concept for the Development of Advanced Hybrids and Inorganic Polymers. , 2019, , 3-25.		1
737	Synthesis of Optically Active $\pi$ -Conjugated Molecules Based on Planar Chiral [2.2]Paracyclophane. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 1055-1065.	0.1	1
738	Synthesis of Through-space Conjugated Polymers. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 480-491.	0.1	1

#	ARTICLE	IF	CITATIONS
739	Rational Designs of AIE-Active Molecules and Luminochromic Materials Based on Group 13 Element-Containing Element-Blocks. , 2019, , 27-42.		1
740	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
741	Amphiphilic Tetrathiafulvalene Derivative: Charge-Transfer Complexation Behavior in Solutions. Bulletin of the Chemical Society of Japan, 2005, 78, 519-522.	3.2	0
742	Ring-Collapsed Alternating Copolymerization of Organoarsenic Homocycles and Acetylenic Compounds. ACS Symposium Series, 2006, , 416-428.	0.5	0
743	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
744	Hydrophilicity-controllable Microporous Hybrid Materials by Anion Exchange. Chemistry Letters, 2008, 37, 580-581.	1.3	0
745	Thermochemical Reaction of Organic-Inorganic Polymer Hybrids from Poly(vinyl pyrrolidone) and Alkoxysilane as a Reaction Field. Kobunshi Ronbunshu, 2010, 67, 129-134.	0.2	0
746	Thermochemical Reaction of Polystyrene-Silica Polymer Hybrids as a Reaction Field. Kobunshi Ronbunshu, 2010, 67, 516-520.	0.2	0
747	Preparation of Ionic Liquid-Modified Inorganic Nanoparticles and Their Biomedical Application. ACS Symposium Series, 2010, , 103-114.	0.5	0
748	Facile Preparation of Hybrid Fluids from Ionic Liquid-Inorganic Nanoparticles:. ACS Symposium Series, 2010, , 211-220.	0.5	0
749	Synthesis of Aromatic-Ring-Layered Polymers. , 2011, , .		0
750	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
751	Macromol. Chem. Phys. 3/2016. Macromolecular Chemistry and Physics, 2016, 217, 520-520.	2.2	0
752	Advanced functional luminogens in the solid-state: general discussion. Faraday Discussions, 2017, 196, 317-334.	3.2	0
753	New and efficient fluorescent and phosphorescent luminogens: general discussion. Faraday Discussions, 2017, 196, 191-218.	3.2	0
754	Front Cover: Design and Luminescence Chromism of Fused Boron Complexes Having Constant Emission Efficiencies in Solution and in the Amorphous and Crystalline States (Eur. J. Org. Chem. 35/2017). European Journal of Organic Chemistry, 2017, 2017, 5178-5178.	2.4	0
755	Development and Applications of Designable Hybrids Based on POSS &ldquo;Element-Blocks&rdquo;. Kobunshi Ronbunshu, 2017, 74, 145-161.	0.2	0
756	Organic-Inorganic Hybrid Materials Based on Silsesquioxanes. Springer Series in Materials Science, 2004, , 197-208.	0.6	0

#	ARTICLE	IF	CITATIONS
757	Development of Organic-Inorganic Hybrid Materials. Journal of the Society of Powder Technology, Japan, 2013, 50, 670-681.	0.1	0
758	Hydroboration Polymerization. , 1994, , 41-52.		0
759	Gelation of Styrene-Acrylonitrile Copolymer via Cyclodiborazane Formation. Nihon Reoroji Gakkaishi, 1997, 25, 197-198.	1.0	0
760	Acceleration of Chemiluminescence Reactions with Coumarin-Modified Polyhedral Oligomeric Silsesquioxane. Bulletin of the Chemical Society of Japan, 2022, 95, 743-747.	3.2	0
761	Fundamental chemistry and applications of boron complexes having aggregation-induced emission properties. , 2022, , 23-44.		0
762	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