

Yoshiki Chujo

List of Publications by Year in descending order

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762
papers

26,995
citations

10070

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22488

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805
docs citations

805
times ranked

17198
citing authors

#	ARTICLE	IF	CITATIONS
1	Switching between intramolecular charge transfer and excimer emissions in solids based on aryl-modified ethynyl- <i>o</i> -carboranes. <i>Cell Reports Physical Science</i> , 2022, 3, 100758.	2.8	16
2	Controlling the Dual-Emission Character of Aryl-Modified <i>o</i> -Carboranes by Intramolecular CH $\cdots\pi$ Interaction Sites. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	8
3	Acceleration of Chemiluminescence Reactions with Coumarin-Modified Polyhedral Oligomeric Silsesquioxane. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 743-747.	2.0	0
4	Effects of Regioregularity of π -Conjugated Polymers Composed of Boron π -Diketiminato on Their Stimuli-Responsive Luminescence. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	1.1	7
5	Controlling the Dual-Emission Character of Aryl-Modified <i>o</i> -Carboranes by Intramolecular CH $\cdots\pi$ Interaction Sites. <i>Chemistry - A European Journal</i> , 2022, 28, e202200758.	1.7	11
6	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, .	1.7	7
7	Fundamental chemistry and applications of boron complexes having aggregation-induced emission properties. , 2022, , 23-44.		0
8	Regulation of solid-state dual-emission properties by switching luminescence processes based on a bis- <i>o</i> -carborane-modified anthracene triad. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1414-1420.	3.2	18
9	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.	1.0	6
10	Modulation of Properties by Ion Changing Based on Luminescent Ionic Salts Consisting of Spiro(boron ketoiminate). <i>Molecules</i> , 2022, 27, 3438.	1.7	4
11	Enhancement of thermal stability of structural color by the substituent effect in polyhedral oligomeric silsesquioxane in block copolymers. <i>European Polymer Journal</i> , 2022, 175, 111360.	2.6	0
12	Preparation of Near-Infrared Emissive π -Conjugated Polymer Films Based on Boron-Fused Azobenzene Complexes with Perpendicularly Protruded Aryl Substituents. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000566.	2.0	20
13	Experimental proof for emission annihilation through bond elongation at the carbon-carbon bond in <i>o</i> -carborane with fused biphenyl-substituted compounds. <i>Dalton Transactions</i> , 2021, 50, 1025-1033.	1.6	25
14	Positive Luminescent Sensor for Aerobic Conditions Based on Polyhedral Oligomeric Silsesquioxane Networks. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 162-165.	1.3	4
15	Recent developments in stimuli-responsive luminescent polymers composed of boron compounds. <i>Polymer Chemistry</i> , 2021, 12, 6372-6380.	1.9	19
16	Molecular Designs for Solid-State Luminescent Properties and Recent Progresses on the Development of Functional Luminescent Solid Materials. , 2021, , 309-341.		2
17	The effect of alkyl chain lengths on the red-to-near-infrared emission of boron-fused azomethine conjugated polymers and their film-state stimuli-responsivities. <i>Polymer Chemistry</i> , 2021, 12, 2752-2759.	1.9	16
18	New Idea for Narrowing an Energy Gap by Selective Perturbation of One Frontier Molecular Orbital. <i>Chemistry Letters</i> , 2021, 50, 269-279.	0.7	24

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19	Controlling Energy Gaps of π -Conjugated Polymers by Multi-Fluorinated Boron-Fused Azobenzene Acceptors for Highly Efficient Near-Infrared Emission. <i>Chemistry - an Asian Journal</i> , 2021, 16, 696-703.	1.7	15
20	π -Conjugated Copolymers Composed of Boron Formazanate and Their Application for a Wavelength Converter to Near-Infrared Light. <i>Macromolecules</i> , 2021, 54, 1934-1942.	2.2	19
21	Molecular design and application of luminescent materials composed of group 13 elements with an aggregation-induced emission property. <i>National Science Review</i> , 2021, 8, nwab049.	4.6	26
22	Paintable Hybrids with Thermally Stable Dual Emission Composed of Tetraphenylethene-Integrated POSS and MEH-PPV for Heat-Resistant White-Light Luminophores. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12483-12490.	4.0	11
23	Vapochromic Luminescent π -Conjugated Systems with Reversible Coordination-Number Control of Hypervalent Tin(IV)-Fused Azobenzene Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 7561-7571.	1.7	14
24	Reversible Vapochromic Luminescence Accompanied by Planar Half-Chair Conformational Change of a Propeller-Shaped Boron β -Diketiminate Complex. <i>Chemistry - A European Journal</i> , 2021, 27, 9302-9312.	1.7	10
25	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.	1.9	25
26	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.	5.2	20
27	Modulation of <i>stimuli-responsiveness</i> toward acid vapor between <i>real-time</i> and <i>write-erase</i> responses based on conjugated polymers containing azobenzene and Schiff base moieties. <i>Journal of Polymer Science</i> , 2021, 59, 1596-1602.	2.0	7
28	PPV-type π -conjugated polymers based on hypervalent tin(IV)-fused azobenzene complexes showing near-infrared absorption and emission. <i>Polymer Journal</i> , 2021, 53, 1241-1249.	1.3	10
29	The Effect of the Substituent Positions on Self-Assembly Behaviors of Liquid-Crystalline 1,3,4,6,9b-Pentaazaphenylene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1854-1858.	2.0	5
30	Design Strategies and Recent Results for Near-Infrared-Emissive Materials Based on Element-Block π -Conjugated Polymers. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2290-2301.	2.0	20
31	Stimuli-Responsive Self-Assembly of π -Conjugated Liquids Triggers Circularly Polarized Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47127-47133.	4.0	10
32	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.	2.9	20
33	Development of NIR emissive fully-fused bisboron complexes with π -conjugated systems including multiple azo groups. <i>Dalton Transactions</i> , 2021, 51, 74-84.	1.6	15
34	Development of Long Wavelength Light-Absorptive Homopolymers Based on Pentaazaphenylene by Regioselective Oxidative Polymerization. <i>Polymers</i> , 2021, 13, 4021.	2.0	5
35	Synthesis, crystal structure, solid-state optical property and C-H activation of sp^3 carbon of highly-stable 1-(2,6-dimesitylphenyl)-2,3,4,5-tetraphenylborole. <i>New Journal of Chemistry</i> , 2021, 45, 22569-22573.	1.4	4
36	Development of the sensitizer for generating higher-energy photons under diluted condition via the triplet-triplet annihilation-supported upconversion. <i>Dyes and Pigments</i> , 2020, 172, 107821.	2.0	12

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37	Tuning the NIR Absorption Properties of 1,3,4,6,9bâ€Pentaazaphenylene Derivatives Through the Spatially Separated Frontier Molecular Orbitals. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 777-783.	1.2	16
38	Stimuli-responsive luminochromic polymers consisting of multi-state emissive fused boron ketoiminate. <i>Polymer Chemistry</i> , 2020, 11, 1127-1133.	1.9	26
39	Molecular fillers for increasing the refractive index of polystyrene hybrids by chain assembly at polyhedral oligomeric silsesquioxane. <i>Polymer Journal</i> , 2020, 52, 523-528.	1.3	7
40	Facile strategy for obtaining luminescent polymorphs based on the chirality of a boron-fused azomethine complex. <i>Chemical Communications</i> , 2020, 56, 15305-15308.	2.2	20
41	The Design Strategy for an Aggregation- and Crystallization-Induced Emission-Active Molecule Based on the Introduction of Skeletal Distortion by Boron Complexation with a Tridentate Ligand. <i>Crystals</i> , 2020, 10, 615.	1.0	23
42	High Refractive-Index Hybrids Consisting of Water-Soluble Matrices with Bipyridine-Modified Polyhedral Oligomeric Silsesquioxane and Lanthanoid Cations. <i>Polymers</i> , 2020, 12, 1560.	2.0	4
43	Enantioselective Synthesis of Triple Helicenes by Cross-Cyclotrimerization of a Helicenyl Aryne and Alkynes via Dynamic Kinetic Resolution. <i>Journal of the American Chemical Society</i> , 2020, 142, 10025-10033.	6.6	67
44	Synthesis of fully-fused bisboron azomethine complexes and their conjugated polymers with solid-state near-infrared emission. <i>Chemical Communications</i> , 2020, 56, 6575-6578.	2.2	28
45	Near-Infrared Absorptive and Emissive Poly(<i>p</i> -phenylene vinylene) Derivative Containing Azobenzeneâ€Boron Complexes. <i>Macromolecules</i> , 2020, 53, 4524-4532.	2.2	35
46	Photoresponsive polymeric actuator cross-linked by an 8-armed polyhedral oligomeric silsesquioxane. <i>European Polymer Journal</i> , 2020, 134, 109806.	2.6	10
47	Recent Progress in the Development of Solidâ€State Luminescent <i>o</i> -Carboranes with Stimuli Responsivity. <i>Angewandte Chemie</i> , 2020, 132, 9925-9939.	1.6	36
48	Modulation of the solid-state luminescent properties of conjugated polymers by changing the connecting points of flexible boron element blocks. <i>Polymer Journal</i> , 2020, 52, 555-566.	1.3	39
49	Enhancing Lightâ€Absorption and Luminescent Properties of Nonâ€Emissive 1,3,4,6,9bâ€Pentaazaphenylene through Perturbation of Forbidden Electronic Transition by Boron Complexation. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 259-266.	1.3	16
50	Design for multi-step mechanochromic luminescence property by enhancement of environmental sensitivity in a solid-state emissive boron complex. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1781-1788.	3.2	36
51	Recent Progress in the Development of Solidâ€State Luminescent <i>o</i> -Carboranes with Stimuli Responsivity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9841-9855.	7.2	166
52	Oxygen-Resistant Electrochemiluminescence System with Polyhedral Oligomeric Silsesquioxane. <i>Polymers</i> , 2019, 11, 1170.	2.0	6
53	Bulk Acyclic Diene Metathesis Polycondensation. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900223.	1.1	13
54	Stretchable Conductive Hybrid Films Consisting of Cubic Silsesquioxane-capped Polyurethane and Poly(3-hexylthiophene). <i>Polymers</i> , 2019, 11, 1195.	2.0	10

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55	Characterization and Photophysical Properties of a Luminescent Aluminum Hydride Complex Supported by a β -Diketiminato Ligand. <i>Inorganics</i> , 2019, 7, 100.	1.2	19
56	Tuning of Sensitivity in Thermo-chromic Luminescence by Regulating Molecular Rotation Based on Triphenylamine-Substituted α -Carboranes. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2228-2232.	1.3	26
57	Preparation of bright-emissive hybrid materials based on light-harvesting POSS having radially integrated luminophores and commercial π -conjugated polymers. <i>Materials Chemistry Frontiers</i> , 2019, 3, 314-320.	3.2	12
58	Independently Tuned Frontier Orbital Energy Levels of 1,3,4,6,9b-Pentaazaphenylene Derivatives by the Conjugation Effect. <i>Journal of Organic Chemistry</i> , 2019, 84, 2768-2778.	1.7	17
59	All Donor Electrochromic Polymers Tunable across the Visible Spectrum via Random Copolymerization. <i>Chemistry of Materials</i> , 2019, 31, 6841-6849.	3.2	40
60	Construction of the Luminescent Donor-Acceptor Conjugated Systems Based on Boron-Fused Azomethine Acceptor. <i>Macromolecules</i> , 2019, 52, 3387-3393.	2.2	38
61	Time-Dependent Emission Enhancement of the Ethynylpyrene- α -Carborane Dyad and Its Application as a Luminescent Color Sensor for Evaluating Water Contents in Organic Solvents. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1577-1581.	1.7	30
62	Improvement of Solid-State Excimer Emission of the Aryl-Ethynyl- α -Carborane Skeleton by Acridine Introduction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2984-2988.	1.2	26
63	Near-Infrared Circularly Polarized Luminescence through Intramolecular Excimer Formation of Oligo(phenyleneethynylene)-Based Double Helicates. <i>Chemistry - A European Journal</i> , 2019, 25, 9211-9216.	1.7	37
64	Elastic and mechanofluorochromic hybrid films with POSS-capped polyurethane and polyfluorene. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1174-1180.	3.2	28
65	An optical sensor for discriminating the chemical compositions and sizes of plastic particles in water based on water-soluble networks consisting of polyhedral oligomeric silsesquioxane presenting dual-color luminescence. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2690-2695.	3.2	15
66	Concept of Excitation-Driven Boron Complexes and Their Applications for Functional Luminescent Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 7-18.	2.0	85
67	Optical, Electrical and Thermal Properties of Organic-Inorganic Hybrids with Conjugated Polymers Based on POSS Having Heterogeneous Substituents. <i>Polymers</i> , 2019, 11, 44.	2.0	12
68	Unique Substitution Effect at 5,5-Positions of Fused Azobenzene-Boron Complexes with a N=N π -Conjugated System. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1837-1843.	1.7	21
69	Planar Chiral [2.2]Paracyclophanes: Optical Resolution and Transformation to Optically Active π -Stacked Molecules. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 265-274.	2.0	72
70	Design of Thermo-chromic Luminescent Dyes Based on the Bis(ortho- α -carborane)-Substituted Benzobithiophene Structure. <i>Chemistry - an Asian Journal</i> , 2019, 14, 789-795.	1.7	22
71	Element-Block Materials: New Concept for the Development of Advanced Hybrids and Inorganic Polymers. , 2019, , 3-25.		1
72	Rational Designs of AIE-Active Molecules and Luminochromic Materials Based on Group 13 Element-Containing Element-Blocks. , 2019, , 27-42.		1

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73	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.	1.7	17
74	A Highly Efficient Near-Infrared-Emissive Copolymer with a N=N Double-Bond Conjugated System Based on a Fused Azobenzene-Boron Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6546-6551.	7.2	87
75	Enhancement of Luminescence Efficiencies by Thermal Rearrangement from <i>ortho</i> -to <i>meta</i> -Carborane in Bis-Carborane-Substituted Acenes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1885-1890.	1.2	25
76	Dual emission <i>via</i> remote control of molecular rotation of <i>o</i> -carborane in the excited state by the distant substituents in tolane-modified dyads. <i>New Journal of Chemistry</i> , 2018, 42, 4210-4214.	1.4	25
77	Modulation of luminescence chromic behaviors and environment-responsive intensity changes by substituents in bis- <i>o</i> -carborane-substituted conjugated molecules. <i>Materials Chemistry Frontiers</i> , 2018, 2, 573-579.	3.2	60
78	Modulation of the <i>cis</i> - and <i>trans</i> -Conformations in Bis- <i>o</i> -carborane Substituted Benzodithiophenes and Emission Enhancement Effect on Luminescent Efficiency by Solidification. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1507-1512.	1.2	28
79	Synthesis of a near-infrared light-absorbing polymer based on thiophene-substituted Aza-BODIPY. <i>Polymer Journal</i> , 2018, 50, 271-275.	1.3	16
80	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.	1.3	16
81	A Highly Efficient Near-Infrared-Emissive Copolymer with a N=N Double-Bond Conjugated System Based on a Fused Azobenzene-Boron Complex. <i>Angewandte Chemie</i> , 2018, 130, 6656-6661.	1.6	20
82	Control of solution and solid-state emission with conjugated polymers based on the boron pyridinoiminate structure by ring fusion. <i>Polymer</i> , 2018, 142, 127-131.	1.8	9
83	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.	1.9	25
84	High Surface Area, Thermally Stable, Hydrophobic, Microporous, Rigid Gels Generated at Ambient from MeSi(OEt) ₃ /(EtO) ₃ SiCH ₂ CH ₂ Si(OEt) ₃ Mixtures by F ⁺ -Catalyzed Hydrolysis. <i>Chemistry - A European Journal</i> , 2018, 24, 274-280.	1.7	5
85	Recent progress in the development of advanced element-block materials. <i>Polymer Journal</i> , 2018, 50, 109-126.	1.3	121
86	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.	2.0	10
87	Electronic chirality inversion of lanthanide complex induced by achiral molecules. <i>Scientific Reports</i> , 2018, 8, 16395.	1.6	22
88	Randomly Distributed Conjugated Polymer Repeat Units for High-Efficiency Photovoltaic Materials with Enhanced Solubility and Processability. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44583-44588.	4.0	18
89	Spiral Eu(III) coordination polymers with circularly polarized luminescence. <i>Chemical Communications</i> , 2018, 54, 10695-10697.	2.2	47
90	Hash-Mark-Shaped Azaacene Tetramers with Axial Chirality. <i>Journal of the American Chemical Society</i> , 2018, 140, 7152-7158.	6.6	32

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91	Pure-color and dual-color emission from BODIPY homopolymers containing the cardo boron structure. <i>Polymer Chemistry</i> , 2018, 9, 3917-3921.	1.9	8
92	Comparison of luminescent properties of helicene-like bibenzothiophenes with o-carborane and 5,6-dicarba-nido-decaborane. <i>Science China Chemistry</i> , 2018, 61, 940-946.	4.2	21
93	Synthesis of enantiopure planar chiral bis(<i>para</i> -pseudo <i>meta</i> -type [2.2]paracyclophanes. <i>Chirality</i> , 2018, 30, 1109-1114.	1.3	32
94	Control of intramolecular excimer emission in luminophore-integrated ionic POSSs possessing flexible side-chains. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1449-1455.	3.2	27
95	Self-assembly of [Au(CN) ₂] ⁻ Complexes with Tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Letters, 2018, 47, 1010-1013.	0.7	4
96	Synthesis of Optically Active π -Conjugated Molecules Based on Planar Chiral [2.2]Paracyclophane. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 1055-1065.	0.0	1
97	[2.2]Paracyclophane-based single molecular wire consisting of four π -electron systems. <i>Canadian Journal of Chemistry</i> , 2017, 95, 424-431.	0.6	8
98	Extended germa[N]pericyclines: synthesis and characterization. <i>Dalton Transactions</i> , 2017, 46, 2281-2288.	1.6	10
99	Creative Synthesis of Organic-Inorganic Molecular Hybrid Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 463-474.	2.0	81
100	Synthesis of POSS Derivatives Having Dual Types of Alkyl Substituents and Their Application as a Molecular Filler for Low-Refractive and Highly Durable Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 205-209.	2.0	33
101	Optically Active Phenylethene Dimers Based on Planar Chiral Tetrasubstituted [2.2]Paracyclophane. <i>Chemistry - A European Journal</i> , 2017, 23, 6323-6329.	1.7	50
102	Enhancement and Controlling the Signal of Circularly Polarized Luminescence Based on a Planar Chiral Tetrasubstituted [2.2]Paracyclophane Framework in Aggregation System. <i>Macromolecules</i> , 2017, 50, 1790-1802.	2.2	63
103	Development of highly-sensitive detection system in ¹⁹ F NMR for bioactive compounds based on the assembly of paramagnetic complexes with fluorinated cubic silsesquioxanes. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1389-1393.	1.4	16
104	Advanced functional luminogens in the solid-state: general discussion. <i>Faraday Discussions</i> , 2017, 196, 317-334.	1.6	0
105	New and efficient fluorescent and phosphorescent luminogens: general discussion. <i>Faraday Discussions</i> , 2017, 196, 191-218.	1.6	0
106	Construction and properties of a light-harvesting antenna system for phosphorescent materials based on oligofluorene-tethered Pt(II) porphyrins. <i>RSC Advances</i> , 2017, 7, 10869-10874.	1.7	7
107	Oxygen-Bridged Diphenyl-naphthylamine as a Scaffold for Full-Color Circularly Polarized Luminescent Materials. <i>Journal of Organic Chemistry</i> , 2017, 82, 5242-5249.	1.7	60
108	Development of emissive aminopentaazaphenylene derivatives employing a design strategy for obtaining luminescent conjugated molecules by modulating the symmetry of molecular orbitals with substituent effects. <i>Chemical Communications</i> , 2017, 53, 5036-5039.	2.2	18

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109	Arene-Inserted Extended Germa[<i>n</i>]pericyclines: Synthesis, Structure, and Phosphorescence Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 10080-10086.	1.7	8
110	Diaryl-amino- and Diarylboron-Substituted Donor-Acceptor Pyrene Derivatives: Influence of Substitution Pattern on Their Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2017, 82, 5111-5121.	1.7	47
111	Development of the optical sensor for discriminating isomers of fatty acids based on emissive network polymers composed of polyhedral oligomeric silsesquioxane. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3431-3436.	1.4	21
112	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.	7.2	307
113	Solid-State Emission of the Anthracene-Carborane Dyad from the Twisted Intramolecular Charge Transfer in the Crystalline State. <i>Angewandte Chemie</i> , 2017, 129, 260-265.	1.6	71
114	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.	1.6	63
115	A Flexible, Fused, Azomethine-Boron Complex: Thermochromic Luminescence and Thermosensitive Behavior in Structural Transitions between Crystalline Polymorphs. <i>Chemistry - A European Journal</i> , 2017, 23, 11827-11833.	1.7	86
116	Design and Luminescence Chromism of Fused Boron Complexes Having Constant Emission Efficiencies in Solution and in the Amorphous and Crystalline States. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5191-5196.	1.2	47
117	Synthesis of furan-substituted aza-BODIPYs having near-infrared emission. <i>Tetrahedron Letters</i> , 2017, 58, 2989-2992.	0.7	22
118	POSS-based molecular fillers for simultaneously enhancing thermal and viscoelasticity of poly(methyl methacrylate) films. <i>Materials Letters</i> , 2017, 203, 62-67.	1.3	29
119	Synthesis of P-stereogenic macrocycles. <i>Heteroatom Chemistry</i> , 2017, 28, e21354.	0.4	5
120	Control of aggregation-induced emission versus fluorescence aggregation-caused quenching by bond existence at a single site in boron pyridinoiminate complexes. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1573-1579.	3.2	113
121	Front Cover: Design and Luminescence Chromism of Fused Boron Complexes Having Constant Emission Efficiencies in Solution and in the Amorphous and Crystalline States (<i>Eur. J. Org. Chem.</i> 35/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5178-5178.	1.2	0
122	Design of bond-cleavage-induced intramolecular charge transfer emission with dibenzoboroles and their application to ratiometric sensors for discriminating chain lengths of alkanes. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2368-2375.	3.2	50
123	Solid-State Thermochromic Luminescence through Twisted Intramolecular Charge Transfer and Excimer Formation of a Carborane-Pyrene Dyad with an Ethynyl Spacer. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1818-1822.	1.3	55
124	Highly-efficient solid-state emissions of anthracene-o-carborane dyads with various substituents and their thermochromic luminescence properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10047-10054.	2.7	96
125	Electron-donating abilities and luminescence properties of toluene-substituted nido-carboranes. <i>New Journal of Chemistry</i> , 2017, 41, 10550-10554.	1.4	39
126	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.	1.7	54

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127	A silver-induced higher-ordered structure based on planar chiral tetrasubstituted [2.2]paracyclophane. <i>Chemical Communications</i> , 2017, 53, 8304-8307.	2.2	35
128	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.	1.7	54
129	Fluorene-Conjugated polymer-layered structures: synthesis and self-assembly. <i>Polymer Journal</i> , 2017, 49, 203-208.	1.3	8
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132	Development and Applications of Designable Hybrids Based on POSS and Element-Blocks. <i>Kobunshi Ronbunshu</i> , 2017, 74, 145-161.	0.2	0
133	Synthesis of Optically Active, X-Shaped, Conjugated Compounds and Dendrimers Based on Planar Chiral [2.2]Paracyclophane, Leading to Highly Emissive Circularly Polarized Luminescence. <i>Chemistry - A European Journal</i> , 2016, 22, 2189-2189.	1.7	0
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137	Preservation of main-chain conjugation through BODIPY-containing alternating polymers from electronic interactions with side-chain substituents by cardo boron structures. <i>Polymer Chemistry</i> , 2016, 7, 2799-2807.	1.9	25
138	Color tuning of alternating conjugated polymers composed of pentaazaphenylene by modulating their unique electronic structures involving isolated-LUMOs. <i>Polymer Chemistry</i> , 2016, 7, 3674-3680.	1.9	17
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140	Luminescent Organoboron Element-Blocks Exhibiting AIE Properties. <i>ACS Symposium Series</i> , 2016, , 157-174.	0.5	3
141	The relationship between magneto-optical properties and molecular chirality. <i>NPG Asia Materials</i> , 2016, 8, e251-e251.	3.8	11
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143	Synthesis of Submicrometer Zinc Oxide Particles and Zinc Oxide Nanowires Using Microwave Irradiation. <i>Chemistry Letters</i> , 2016, 45, 508-510.	0.7	7
144	Development of Solid-State Emissive Materials Based on Multifunctional o-Carborane-Pyrene Dyads. <i>Organic Letters</i> , 2016, 18, 4064-4067.	2.4	127

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147	Synthesis and Characterization of Ethynylated Germa[4]pericyclyne. <i>Chemistry Letters</i> , 2016, 45, 782-784.	0.7	11
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156	Preparation of photo-responsive hybrid materials based on hydrogels involving imidazolium-presenting gold nanoparticles. <i>Polymer Journal</i> , 2016, 48, 177-181.	1.3	1
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246	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.	2.5	35
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263	Synthesis of π -Conjugated Polymers Containing Aminoquinoline-Borafluorene Complexes in the Main Chain. <i>Macromolecular Rapid Communications</i> , 2012, 33, 550-555.	2.0	25
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