

Masaki Shimizu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

154
papers

5,940
citations

39
h-index

73
g-index

229
ext. papers

6,431
ext. citations

5.5
avg, IF

5.96
L-index

#	Paper	IF	Citations
154	Charge Carrier Mobility of 1,6-Dibromopyrene Single Crystal Grown by Solution Method on Substrate. <i>Journal of Electronic Materials</i> , 2022 , 51, 813	1.9	
153	AIE-active rare-metal-free phosphorescent materials 2022 , 253-274		0
152	Metal-Free Organic Luminophores that Exhibit Dual Fluorescence and Phosphorescence Emission at Room Temperature. <i>ChemPlusChem</i> , 2021 , 86, 446-459	2.8	6
151	Efficient Emission of Ultraviolet Light by Solid State Organic Fluorophores: Synthesis and Characterization of 1,4-Dialkeny-2,5-dioxybenzenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 1626-1637	4.8	3
150	The Journey to Precious-Metal-Free Organic Phosphors from Single-Benzene-Cored Fluorophores. <i>Chemical Record</i> , 2021 , 21, 1489-1505	6.6	1
149	Remarkable Increase of Fluorescence Quantum Efficiency by Cyano Substitution on an ESIPT Molecule 2-(2-Hydroxyphenyl)benzothiazole: A Highly Photoluminescent Liquid Crystal Dopant. <i>Crystals</i> , 2021 , 11, 1105	2.3	1
148	Dual Emission from Precious Metal-Free Luminophores Consisting of C, H, O, Si, and S/P at Room Temperature. <i>Chemistry - A European Journal</i> , 2020 , 26, 5162-5167	4.8	12
147	4,5-Diaminophthalimides: highly efficient solid-state fluorophores and turn-on type fluorescent probes for hydrazine. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 563-570	7.8	5
146	Luminescent solar concentrators: boosted optical efficiency by polymer dielectric mirrors. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 429-436	7.8	39
145	A trigonal molecular assembly system with the dual light-driven functions of phase transition and fluorescence switching. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2276-2282	7.1	11
144	Palladium-Catalyzed Annulation of Phenazastannines with 9-(Dibromomethylene)fluorene and -(thio)xanthenes: Facile Synthesis of Acridine Moiety-Containing Bis(tricyclic) Aromatic Enes. <i>Organic Process Research and Development</i> , 2019 , 23, 1740-1745	3.9	
143	Precious Metal-Free Organic Small Molecule Luminophores That Exhibit Room Temperature Phosphorescence 2019 , 43-76		3
142	(Poly)terephthalates with Efficient Blue Emission in the Solid State. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1792-1800	4.5	5
141	Silole-Based Materials in Optoelectronics and Sensing 2018 , 163-195		6
140	Aggregation-induced emission and thermally activated delayed fluorescence of 2,6-diaminobenzophenones. <i>Science China Chemistry</i> , 2018 , 61, 925-931	7.9	12
139	An antiparallel double-stranded BODIPY-porphyrin dyad assembled via a self-complementary B-FZn interaction. <i>Chemical Communications</i> , 2018 , 54, 144-147	5.8	4
138	Use of silyl methoxy groups as inducers of efficient room temperature phosphorescence from precious-metal-free organic luminophores. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 347-354	7.8	21

- 137 Amorphous porphyrin glasses exhibit near-infrared excimer luminescence. *RSC Advances*, **2017**, 7, 22679-22683
- 136 Blue-to-Green Delayed Fluorescence of 2-Aminoisophthalic Acid Diesters Dispersed in Polymer Film. *European Journal of Organic Chemistry*, **2017**, 2017, 4695-4702
- 135 Supramolecular Polymer of Near-Infrared Luminescent Porphyrin Glass. *Macromolecules*, **2017**, 50, 3186-3192
- 134 Front Cover: Blue-to-Green Delayed Fluorescence of 2-Aminoisophthalic Acid Diesters Dispersed in Polymer Film (Eur. J. Org. Chem. 32/2017). *European Journal of Organic Chemistry*, **2017**, 2017, 4648-4648
- 133 A metal-lustrous porphyrin foil. *Chemical Communications*, **2017**, 53, 10703-10706
- 132 A push-pull silafluorene fluorophore for highly efficient luminescent solar concentrators. *RSC Advances*, **2017**, 7, 37302-37309
- 131 Germanium-Bridged 2-Phenylbenzoheteroles as Luminophores Exhibiting Highly Efficient Solid-State Fluorescence. *Chemistry - A European Journal*, **2017**, 23, 14623-14630
- 130 Porphyrins Sheathed in Quadrupolar Solvation Spheres of Hexafluorobenzene: Solvation-Induced Fluorescence Enhancement and Conformational Confinement. *Journal of Physical Chemistry C*, **2017**, 121, 19407-19413
- 129 Group 14 Dithienometalole-Linked Ethynylene-Conjugated Porphyrin Dimers. *Inorganic Chemistry*, **2016**, 55, 7432-41
- 128 Aggregation-Induced Orange-to-Red Fluorescence of 2,5-Bis(diarylamino)terephthalic Acid Dithioesters. *European Journal of Organic Chemistry*, **2016**, 2016, 5950-5956
- 127 Assembly of an Achiral Chromophore into Light-Responsive Helical Nanostructures in the Absence of Chiral Components. *Chemistry - A European Journal*, **2016**, 22, 3971-5
- 126 A Native-Chemical-Ligation-Based Turn-on Fluorescent Probe for Selective Detection of Cysteine. *Journal of the Chinese Chemical Society*, **2016**, 63, 317-322
- 125 Room-Temperature Phosphorescence of Crystalline 1,4-Bis(aryl)-2,5-dibromobenzenes. *European Journal of Organic Chemistry*, **2016**, 2016, 467-473
- 124 Copper-Catalyzed Double S-Arylation of Potassium Thioacetate with Dibenziodolium Triflates: Facile Synthesis of Unsymmetrical Dibenzothiophenes. *European Journal of Organic Chemistry*, **2016**, 2016, 2785-2788
- 123 Front Cover: Aggregation-Induced Orange-to-Red Fluorescence of 2,5-Bis(diarylamino)terephthalic Acid Dithioesters (Eur. J. Org. Chem. 36/2016). *European Journal of Organic Chemistry*, **2016**, 2016, 5907-5907
- 122 Siloxy Group-Induced Highly Efficient Room Temperature Phosphorescence with Long Lifetime. *Journal of Physical Chemistry C*, **2016**, 120, 11631-11639
- 121 A Tightly Stretched Ultralong Supramolecular Multiporphyrin Array Propagated by Double-Strand Formation. *Chemistry - A European Journal*, **2016**, 22, 13019-22
- 120 Self-complementary double-stranded porphyrin arrays assembled from an alternating pyridyl-porphyrin sequence. *Chemical Science*, **2015**, 6, 6199-6206

119	Design and Characterization of 4,5-Bis(diarylamino)phthalic Acid Diesters as a New Class of Fluorophores Exhibiting Efficient Blue Emission in the Solid State. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 291-295	3.2	7
118	Dibenzosiloles and 12H-indololo[3,2-d]naphtho[1,2-b][1]siloles: exploration of organic chromophores exhibiting efficient solid-state fluorescence. <i>Chemical Record</i> , 2015 , 15, 73-85	6.6	18
117	Lithium Compounds in Cross-Coupling Reactions 2014 , 463-490		7
116	Chirality induction in binuclear phthalocyanine tweezers. <i>Tetrahedron Letters</i> , 2014 , 55, 271-274	2	13
115	Multistimuli-responsive azobenzene nanofibers with aggregation-induced emission enhancement characteristics. <i>Chemical Communications</i> , 2014 , 50, 15815-8	5.8	39
114	Palladium-Catalyzed Double Cross-Coupling Reactions of Organodimetallic Reagents Leading to Polycyclic Aromatic Hydrocarbons. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 8069-8081	3.2	22
113	Diaminobenzene-Cored Fluorophores Exhibiting Highly Efficient Solid-State Luminescence 2013 , 83-104		5
112	Novel Synthesis and Luminescent Properties of Silicon-bridged Biaryls. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2013 , 71, 307-318	0.2	4
111	New Synthesis of Dibenzofulvenes by Palladium-Catalyzed Double Cross-Coupling Reactions. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1277	1.2	19
110	Efficient blue electroluminescence of silylene-bridged 2-(2-naphthyl)indole. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4337-4342		22
109	1,4-Bis(diarylamino)-2,5-bis(4-cyanophenylethenyl)benzenes: Fluorophores Exhibiting Efficient Red and Near-Infrared Emissions in Solid State. <i>Angewandte Chemie</i> , 2012 , 124, 4171-4175	3.6	46
108	1,4-Bis(diarylamino)-2,5-bis(4-cyanophenylethenyl)benzenes: fluorophores exhibiting efficient red and near-infrared emissions in solid state. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4095-9	16.4	157
107	Palladium-catalyzed annulation of 1,2-diborylalkenes and -arenes with 1-bromo-2-[(Z)-2-bromoethenyl]arenes: a modular approach to multisubstituted naphthalenes and fused phenanthrenes. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1644-51	4.5	26
106	Silicon-Bridged Biaryls: Molecular Design, New Synthesis, and Luminescence Control. <i>Synlett</i> , 2012 , 23, 973-989	2.2	76
105	Homogeneous and elongation-free 3D microfabrication by a femtosecond laser pulse and hologram. <i>Journal of Applied Physics</i> , 2012 , 111, 083107	2.5	10
104	Mechanistic Study of the Palladium-Catalyzed Stereoselective Cross-Coupling Reaction of 1,1-Dibromo-3,3,3-trifluoro-2-tosyloxypropene. <i>Bulletin of the Chemical Society of Japan</i> , 2011 , 84, 1339-1341	5.1	5
103	Palladium-catalyzed double cross-coupling reaction of 1,2-bis(pinacolatoboryl)alkenes and -arenes with 2,2'-dibromobiaryls: annulative approach to functionalized polycyclic aromatic hydrocarbons. <i>Tetrahedron</i> , 2011 , 67, 8014-8026	2.4	58
102	Synthesis and photophysical properties of dimethoxybis(3,3,3-trifluoropropen-1-yl)benzenes: compact chromophores exhibiting violet fluorescence in the solid state. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 2536-44	4.5	22

101	Photophysical properties of heteroaromatic ring-fused (di)benzosiloles. <i>Science China Chemistry</i> , 2011 , 54, 1937-1947	7.9	20
100	Aufbau von asymmetrischen quartären Kohlenstoffzentren mit hoher Enantioselektivität. <i>Angewandte Chemie</i> , 2011 , 123, 6122-6124	3.6	25
99	Construction of asymmetric quaternary carbon centers with high enantioselectivity. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5998-6000	16.4	91
98	Highly Efficient Blue Fluorescence from 3,2'-Silylene-Bridged 2-Phenylindoles in the Solid State. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 11265-11274	3.8	31
97	Twisting strategy applied to N,N-diorganoquinacridones leads to organic chromophores exhibiting efficient solid-state fluorescence. <i>Tetrahedron Letters</i> , 2011 , 52, 4084-4089	2	52
96	Synthesis and Photophysical Properties of 2-Donor-7-acceptor-9-silafluorenes: Remarkable Fluorescence Solvatochromism and Highly Efficient Fluorescence in Doped Polymer Films. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 10004-10014	3.8	58
95	Organic fluorophores exhibiting highly efficient photoluminescence in the solid state. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 1516-31	4.5	377
94	Synthesis and Photophysical Properties of 2,3,5,6,7,8-Hexasilabicyclo[2.2.2]octan-1-yl-substituted Arenes. <i>Heterocycles</i> , 2010 , 80, 1275	0.8	1
93	Palladium-Catalyzed Double Cross-Coupling Reaction of vic-Diborylalkenes and -arenes with vic-Bromo(bromomethyl)arenes. <i>Synlett</i> , 2009 , 2009, 3147-3150	2.2	25
92	1,4-Bis(alkenyl)-2,5-dipiperidinobenzenes: Minimal Fluorophores Exhibiting Highly Efficient Emission in the Solid State. <i>Angewandte Chemie</i> , 2009 , 121, 3707-3710	3.6	73
91	9-Stannafluorenes: 1,4-Dimetal Equivalents for Aromatic Annulation by Double Cross-Coupling. <i>Angewandte Chemie</i> , 2009 , 121, 7709-7712	3.6	33
90	1,4-Bis(alkenyl)-2,5-dipiperidinobenzenes: minimal fluorophores exhibiting highly efficient emission in the solid state. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3653-6	16.4	221
89	9-Stannafluorenes: 1,4-dimetal equivalents for aromatic annulation by double cross-coupling. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7573-6	16.4	90
88	Synthesis, crystal structure, and photophysical properties of (1E,3E,5E)-1,3,4,6-Tetraarylhexa-1,3,5-trienes: a new class of fluorophores exhibiting aggregation-induced emission. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1289-97	4.5	57
87	Palladium-catalyzed intramolecular coupling of 2-[(2-pyrrolyl)silyl]aryl triflates through 1,2-silicon migration. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8350-1	16.4	88
86	Periodic metallo-dielectric structure in diamond. <i>Optics Express</i> , 2009 , 17, 46-54	3.3	50
85	New preparation and synthetic reactions of 3,3,3-trifluoropropynyllithium, -borate and -stannane: facile synthesis of trifluoromethylated allenes, arylacetylenes and enynes. <i>Future Medicinal Chemistry</i> , 2009 , 1, 921-45	4.1	16
84	Formation of Elemental Distribution in Glass using Thermal Accumulation with Femtosecond Laser Irradiation. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1230, 1		2

83	Solid state structures and photophysical properties of (trimethylsilyl)methyl-substituted anthracenes and pyrenes. <i>Chemical Communications</i> , 2008 , 2134-6	5.8	10
82	Stereoselective Preparation and Cope Rearrangement of 2-CF ₃ -cis-2,3-bis(alkenyl)oxiranes: A Facile Route to 2-CF ₃ -Substituted Oxacycles. <i>Heterocycles</i> , 2008 , 76, 329	0.8	11
81	Polyborylated reagents for modern organic synthesis. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2008 , 84, 75-85	4	44
80	Preparation, Structure, and Diels-Alder Reaction of Phenyl(trifluoromethanesulfonate)(3,3,3-trifluoropropynyl)-B-iodane. <i>Chemistry Letters</i> , 2008 , 37, 1304-1305	1.7	10
79	Diels-Alder Reaction of 2,3-Bis(pinacolatoboryl)-1,3-butadiene: Facile Preparation of 1,2-Bis(pinacolatoboryl)cyclohexenes and -1,4-cyclohexadiene. <i>Bulletin of the Chemical Society of Japan</i> , 2008 , 81, 518-520	5.1	15
78	Palladium-catalyzed annulation of vic-bis(pinacolatoboryl)alkenes and -phenanthrenes with 2,2'-dibromobiaryls: facile synthesis of functionalized phenanthrenes and dibenzo[g,p]chrysenes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8096-9	16.4	111
77	Modular approach to silicon-bridged biaryls: palladium-catalyzed intramolecular coupling of 2-(arylsilyl)aryl triflates. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9760-4	16.4	151
76	Palladium-Catalyzed Annulation of vic-Bis(pinacolatoboryl)alkenes and -phenanthrenes with 2,2'-Dibromobiaryls: Facile Synthesis of Functionalized Phenanthrenes and Dibenzo[g,p]chrysenes. <i>Angewandte Chemie</i> , 2008 , 120, 8216-8219	3.6	42
75	Modular Approach to Silicon-Bridged Biaryls: Palladium-Catalyzed Intramolecular Coupling of 2-(Arylsilyl)aryl Triflates. <i>Angewandte Chemie</i> , 2008 , 120, 9906-9910	3.6	57
74	Silicon-bridge effects on photophysical properties of silafluorenes. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 1238-47	4.5	57
73	1-alkyl-2,3,5,6,7,8-hexasilabicyclo[2.2.2]octanes: unconventional class of mesomorphic columnar compounds. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3055-8	16.4	11
72	Straightforward synthesis of CF ₃ -substituted triarylethenes by stereoselective threefold cross-coupling reactions. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8659-61	16.4	35
71	1-Alkyl-2,3,5,6,7,8-hexasilabicyclo[2.2.2]octanes: Unconventional Class of Mesomorphic Columnar Compounds. <i>Angewandte Chemie</i> , 2007 , 119, 3115-3118	3.6	
70	Straightforward Synthesis of CF ₃ -Substituted Triarylethenes by Stereoselective Threefold Cross-Coupling Reactions. <i>Angewandte Chemie</i> , 2007 , 119, 8813-8815	3.6	8
69	A Novel Strategy for Two-Photon Holographic Recording: Stepwise Two-Photon Absorption of Biquinethiophene Followed by Energy Transfer to an Aryl Azide. <i>Advanced Materials</i> , 2007 , 19, 1826-1829	2.4	11
68	Facile synthesis and palladium-catalyzed cross-coupling reactions of 2,3-bis(pinacolatoboryl)-1,3-butadiene. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1400-8	4.5	28
67	Cascade triple-aldehyde addition of 1,2,3,4-tetrakis(pinacolatoboryl)but-2-ene: stereoselective synthesis of 2,3-bis(alkylidene)alkane-1,5-diols. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1142-9	4.5	9
66	Novel Generation of 3,3,3-Trifluoropropynyllithium and Transformation of the Carbonyl Adducts to Trifluoromethyl-Substituted Allenes. <i>Synlett</i> , 2007 , 2007, 1163-1165	2.2	18

65	Stereoselective Cross-Coupling Reaction of 2,4-Diaryl-1,1-diboryl-1,3-butadienes: Stereocontrolled Approach to 1,3,4,6-Tetraarylated 1,3,5-Hexatrienes. <i>Synlett</i> , 2007 , 2007, 1969-1971	2.2	18
64	Unique Effects of 2,3,5,6,7,8-Hexasilabicyclo[2.2.2]octan-1-yl Moiety on Photophysical Properties of π -Conjugated System. <i>Chemistry Letters</i> , 2007 , 36, 412-413	1.7	2
63	Multilayer holographic recording using a two-color-absorption photopolymer. <i>Applied Optics</i> , 2007 , 46, 8402-10	1.7	9
62	Preparation, Structure, and Properties of Tris(trimethylsilyl)silyl-substituted Anthracenes: Realization of Ideal Conformation for π -Conjugation Involving Eclipse of Si-Bond with p-Orbital of Aromatic Ring. <i>Chemistry Letters</i> , 2006 , 35, 1022-1023	1.7	25
61	(Z)-1,2,3,4-Tetraboryl-2-butene: A Reagent for Stereoselective One-pot Triple Aldehyde Addition. <i>Chemistry Letters</i> , 2006 , 35, 838-839	1.7	19
60	Synthesis and Applications of 1,1-Diborylated Cyclopropanes: Facile Route to 1,2-Diboryl-3-methylenecyclopentenes. <i>Chemistry Letters</i> , 2006 , 35, 1222-1223	1.7	43
59	2,3,5,6,7,8-Hexasilabicyclo[2.2.2]octane-derived Columnar Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2005 , 441, 237-241	0.5	12
58	Stereoselective cross-coupling reaction of 1,1-Diboryl-1-alkenes with electrophiles: a highly stereocontrolled approach to 1,1,2-triaryl-1-alkenes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12506-7	16.4	149
57	Facile Synthesis of Trifluoromethyl-substituted Enynes: Remarkable Reactivity and Stereoselectivity of Tributyl(3,3,3-trifluoropropynyl)stannane in Carbostannylation of Alkynes. <i>Chemistry Letters</i> , 2005 , 34, 1700-1701	1.7	14
56	Moderne Synthesemethoden für fluorierte Verbindungen. <i>Angewandte Chemie</i> , 2005 , 117, 218-234	3.6	194
55	Polyfunctional Silicon Organometallics for Organic Synthesis 2005 , 173-202		2
54	Preparation and Structure of Alkenyl- and Alkynyl-Substituted Polysilamodules HC(SiMe ₂ SiMe ₂) ₃ CR. <i>Synthesis</i> , 2004 , 2004, 1363-1368	2.9	3
53	A facile stereocontrolled approach to CF ₃ -substituted triarylethenes: synthesis of panomifene. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 879-82	16.4	65
52	A Facile Stereocontrolled Approach to CF ₃ -Substituted Triarylethenes: Synthesis of Panomifene. <i>Angewandte Chemie</i> , 2004 , 116, 897-900	3.6	24
51	A Facile Approach to 2-CF ₃ -Substituted Seven-membered Oxacycles via Stereoselective Preparation and Cope Rearrangement of 2-CF ₃ -cis-2,3-Bis(alkenyl)oxiranes. <i>Chemistry Letters</i> , 2004 , 33, 438-439	1.7	24
50	Facile Synthesis of Dendralenes Based on the Cross-coupling Reaction of 2,3-Bis(pinacolato)boryl-1,3-butadiene. <i>Chemistry Letters</i> , 2004 , 33, 1066-1067	1.7	25
49	Modern synthetic methods for fluorine-substituted target molecules. <i>Angewandte Chemie - International Edition</i> , 2004 , 44, 214-31	16.4	710
48	Stereoselective generation of cis-2-lithio-3-CF ₃ -oxirane via CF ₃ -substituted β -oxido carbenoids. Highly stereoselective synthesis of CF ₃ -substituted tri- and tetrasubstituted oxiranes and tetrasubstituted alkenes. <i>Tetrahedron</i> , 2003 , 59, 9811-9823	2.4	47

47	2,3,5,6,7,8-Hexasilabicyclo[2.2.2]octane-1-carboxylic acids and esters: preparation and structure. <i>Journal of Organometallic Chemistry</i> , 2003 , 685, 138-144	2.3	4
46	gem-Silylborylation approach for tri- and tetrametalmethanes: the first synthesis of boryl(germyl)(silyl)(stannyl)methanes. <i>Journal of Organometallic Chemistry</i> , 2003 , 686, 286-293	2.3	26
45	gem-Silylborylation of an sp carbon: novel synthesis of 1-boryl-1-silylallenes. <i>Organic Letters</i> , 2003 , 5, 225-7	6.2	49
44	Geminal dimetalation of alkylidene-type carbenoids with silylboranes and diborons. <i>Tetrahedron</i> , 2002 , 58, 6381-6395	2.4	104
43	1-Aryl-Substituted Cage Molecules ArC(SiMe ₂ SiMe ₂) ₃ CR: Preparation, Properties, and Application to Liquid Crystalline Compounds. <i>Chemistry Letters</i> , 2001 , 30, 1090-1091	1.7	10
42	Acyclic stereocontrol between remote atom centers via intramolecular and intermolecular stereo-communication. <i>Tetrahedron</i> , 2001 , 57, 2917-2951	2.4	76
41	Geminal Difunctionalization of Alkenylidene-Type Carbenoids by Using Interelement Compounds. <i>Angewandte Chemie</i> , 2001 , 113, 812-814	3.6	57
40	1-Silyl-1-boryl-2-alkenes: Reagents for Stereodivergent Allylation Leading to 4-Oxy-(E)-1-alkenylboronates and 4-Oxy-(Z)-1-alkenylsilanes. <i>Angewandte Chemie</i> , 2001 , 113, 4413-4416 ^{3.6}	3.6	13
39	Geminal Difunctionalization of Alkenylidene-Type Carbenoids by Using Interelement Compounds. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 790-792	16.4	133
38	1-Silyl-1-boryl-2-alkenes: Reagents for Stereodivergent Allylation Leading to 4-Oxy-(E)-1-alkenylboronates and 4-Oxy-(Z)-1-alkenylsilanes. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 4283-4286	16.4	70
37	Novel Synthesis of 2,3-Bisboryl-1,3-dienes from 1-Bromo-1-lithioethene and 1,1-Bisborylalkenes. <i>Synlett</i> , 2001 , 2001, 1006-1008	2.2	34
36	New, General, and Stereoselective Synthesis of CF ₃ -Containing Tri- and Tetrasubstituted Oxiranes and Tetrasubstituted Alkenes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6947-6948	16.4	73
35	Novel Bifunctional Synthetic Reagents: gem-Dimetallic Compounds Derived from Carbenoid Reagents and Interelement Compounds.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2001 , 59, 1062-1069	0.2	8
34	Novel C1 Building Blocks for Fluoro Olefin Synthesis: FC(SiMe ₃) ₃ and FC(SiMe ₃) ₂ SnBu ₃ . <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 1685-1690	5.1	13
33	Chemoselective Aldehyde Addition of Zinc Carbenoid Generated from Tribromofluoromethane. <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 1691-1695	5.1	5
32	Synthesis and structures of polysilacage compounds containing a silicon-silicon inter-element linkage. <i>Journal of Organometallic Chemistry</i> , 2000 , 611, 12-19	2.3	17
31	Novel Synthesis of 1-Fluoro-1-silyloxiranes Using Bromo(tert-butyl(dimethylsilyl)fluoromethyl)lithium and Carbonyl Compounds. <i>Heterocycles</i> , 2000 , 52, 707	0.8	11
30	Synthesis of Polysilacage Compounds Containing a Trisilane Bridge. <i>Synlett</i> , 1999 , 1999, 1772-1774	2.2	7

29	FC(SiMe ₃) ₃ and FC(SiMe ₃) ₂ SnBu ₃ : a novel C1 building block for fluoro olefins. <i>Tetrahedron Letters</i> , 1999 , 40, 7375-7378	2	11
28	A facile synthesis of 1,3-disilacyclohexanes. <i>Inorganica Chimica Acta</i> , 1999 , 296, 231-235	2.7	5
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