

Michinori Suginome

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.

141
papers

6,811
citations

49
h-index

78
g-index

144
ext. papers

7,479
ext. citations

7.8
avg, IF

6.31
L-index

#	Paper	IF	Citations
141	: Helical Poly(quinoxaline-2,3-diyl)s Bearing 4-(Dipropylamino)pyridin-3-yl Pendants as Chirality-Switchable Nucleophilic Catalysts for the Kinetic Resolution of Secondary Alcohols. <i>Organic Letters</i> , 2021 , 23, 8711-8716	6.2	3
140	Asymmetric O-to-C Aryloxy-carbonyl Migration of Indolyl Carbonates Using Single-Handed Dynamic Helical Polyquinoxalines Bearing 4-Aminopyridyl Groups as Chiral Nucleophilic Catalysts. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 943-949	5.1	4
139	Amphiphilic Immobilized Diphenylprolinol Alkyl Ether Catalyst on PS-PEG Resin. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 790-797	5.1	2
138	Intramolecular Addition of a Dimethylamino C(sp ³) π Bond across C \equiv Triple Bonds Using IrCl(DTBM-SEGPHOS)(ethylene) Catalyst: Synthesis of Indoles from 2-Alkynyl-N-methylanilines. <i>Synthesis</i> , 2021 , 53, 3057-3064	2.9	2
137	Copper-catalyzed regioselective α -silylation of internal arylalkynes with stereochemical switch to β -addition mode. <i>Chemical Communications</i> , 2021 , 57, 4670-4673	5.8	3
136	Protected amino acids as a nonbonding source of chirality in induction of single-handed screw-sense to helical macromolecular catalysts. <i>Chemical Science</i> , 2021 , 12, 8811-8816	9.4	7
135	Mechanism of 2,6-Dichloro-4,4'-bipyridine-Catalyzed Diboration of Pyrazines Involving a Bipyridine-Stabilized Boryl Radical. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 1894-1902	5.1	1
134	Holding of planar chirality of pillar[5]arene by kinetic trapping using host-guest interactions with achiral guest solvents. <i>Chemical Communications</i> , 2020 , 56, 8424-8427	5.8	7
133	Construction of Silicon-Containing Seven-Membered Rings by Catalytic [4 + 2 + 1] Cycloaddition through Rhodium Silylenoid. <i>Organic Letters</i> , 2020 , 22, 2961-2966	6.2	10
132	Tandem C \equiv Transformations by a Single Iridium Catalyst: Direct Access to Indoles and Indolines from o-Alkyl-N-methylanilines. <i>ACS Catalysis</i> , 2020 , 10, 3152-3157	13.1	4
131	Stereoinvertive C \equiv Bond Formation at the Boron-Bound Stereogenic Centers through Copper-Bipyridine-Catalyzed Intramolecular Coupling of β -Aminobenzylboronic Esters. <i>Angewandte Chemie</i> , 2020 , 132, 7318-7322	3.6	1
130	Enantioconvergent Cu-Catalyzed Intramolecular C-C Coupling at Boron-Bound C(sp) Atoms of β -Aminoalkylboronates Using a β -Symmetrical 2,2'-RBipyridyl Ligand Attached to a Helically Chiral Macromolecular Scaffold. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18317-18323	16.4	11
129	Stereoinvertive C-C Bond Formation at the Boron-Bound Stereogenic Centers through Copper-Bipyridine-Catalyzed Intramolecular Coupling of β -Aminobenzylboronic Esters. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7251-7255	16.4	12
128	Pyridine-Based Organocatalysts for Regioselective syn-1,2-Silylation of Terminal Alkynes and Allenes. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1092-1096	3	10
127	Lyotropic Liquid Crystallinity of Linear and Star Poly(quinoxaline-2,3-diyl)s: Isotropic-Liquid Crystal Phase Equilibria in Tetrahydrofuran. <i>Macromolecules</i> , 2019 , 52, 3158-3164	5.5	2
126	Catalytic Generation of Rhodium Silylenoid for Alkene-Alkyne-Silylene [2 + 2 + 1] Cycloaddition. <i>Organic Letters</i> , 2019 , 21, 1649-1653	6.2	13
125	Telechelic Helical Poly(quinoxaline-2,3-diyl)s Containing a Structurally Defined, Circularly Polarized Luminescent Terquinoxaline Core: Synthesis by Core-Initiated Bidirectional Living Polymerization. <i>ACS Macro Letters</i> , 2019 , 8, 479-485	6.6	4

124	Boryl-Directed, Ir-Catalyzed C(sp ³)-H Borylation of Alkylboronic Acids Leading to Site-Selective Synthesis of Polyborylalkanes. <i>Organic Letters</i> , 2019 , 21, 6235-6240	6.2	14
123	Iridium-Catalyzed C(sp ³)-H Addition of Methyl Ethers across Intramolecular Carbon-Carbon Double Bonds Giving 2,3-Dihydrobenzofurans. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4448-4453	5.6	8
122	Asymmetric Catalysis in Chiral Solvents: Chirality Transfer with Amplification of Homochirality through a Helical Macromolecular Scaffold. <i>ACS Central Science</i> , 2019 , 5, 1235-1240	16.8	44
121	Molecular Technology for Switch and Amplification of Chirality in Asymmetric Catalysis Using a Helically Dynamic Macromolecular Scaffold as a Source of Chirality 2019 , 77-94		
120	4,4'-Bipyridyl-Catalyzed Reduction of Nitroarenes by Bis(neopentylglycolato)diboron. <i>Organic Letters</i> , 2019 , 21, 9812-9817	6.2	19
119	Helical Poly(quinoxaline-2,3-diyl)s Bearing 1,2,3-Triazole Pendants: Synthesis by CuAAC and Use as Reusable Chiral NHC Ligands in Gold Catalysis. <i>ChemCatChem</i> , 2019 , 11, 424-429	5.2	10
118	A bidirectional screw-sense induction of poly(quinoxaline-2,3-diyl)s that depends on the degree of polymerization. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 260-263	2.5	1
117	Chirality-Amplifying, Dynamic Induction of Single-Handed Helix by Chiral Guests to Macromolecular Chiral Catalysts Bearing Boronyl Pendants as Receptor Sites. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3867-3870	16.4	44
116	Elucidating the Solvent Effect on the Switch of the Helicity of Poly(quinoxaline-2,3-diyl)s: A Conformational Analysis by Small-Angle Neutron Scattering. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2722-2726	16.4	32
115	Abnormal sergeant-and-soldier effects of poly(quinoxaline-2,3-diyl)s enabling discrimination of one-carbon homologous n-alkanes through a highly sensitive solvent-dependent helix inversion. <i>Chemical Communications</i> , 2018 , 54, 6867-6870	5.8	15
114	Enantiospecific Suzuki-Miyaura Coupling of Nonbenzylic α -(Acylamino)alkylboronic Acid Derivatives. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2414-2417	4.5	14
113	A Planar-Chiral Pillar[5]arene-Based Monophosphine Ligand with Induced Chirality at the Biaryl Axis. <i>Synlett</i> , 2018 , 29, 2167-2170	2.2	5
112	Controlling the Chiral Molecular Space Using Helical Polymers 2018 , 165-182		
111	Regioselective Synthesis of <i>o</i> -Benzenediboronic Acids via Ir-Catalyzed <i>o</i> -C-H Borylation Directed by a Pyrazolylaniline-Modified Boronyl Group. <i>Organic Letters</i> , 2017 , 19, 886-889	6.2	21
110	Single-Handed Helical Poly(quinoxaline-2,3-diyl)s Bearing Achiral 4-Aminopyrid-3-yl Pendants as Highly Enantioselective, Reusable Chiral Nucleophilic Organocatalysts in the Steglich Reaction. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2557-2560	16.4	66
109	C-H Activation-Based Transformation of Naphthalenes to 3-Iodo-2-naphthylboronic Acid Derivatives for Use in Iterative Coupling Synthesis of Helical Oligo(naphthalene-2,3-diyl)s. <i>Bulletin of the Chemical Society of Japan</i> , 2017 , 90, 604-606	5.1	13
108	Utilization of a Trimethylsilyl Group as a Synthetic Equivalent of a Hydroxyl Group via Chemoselective C(sp ³)-H Borylation at the Methyl Group on Silicon. <i>Journal of Organic Chemistry</i> , 2017 , 82, 2943-2956	4.2	20
107	Synthesis and Catalytic Applications of a Triptycene-Based Monophosphine Ligand for Palladium-Mediated Organic Transformations. <i>ACS Omega</i> , 2017 , 2, 1930-1937	3.9	20

106	Rhodium-catalyzed C(sp ²)-H Addition of Arylboronic Acids to Alkynes Using a Boron-based, Convertible ortho-Directing Group. <i>Chemistry Letters</i> , 2017 , 46, 1169-1172	1.7	4
105	Chirality-Switchable 2,2'-Bipyridine Ligands Attached to Helical Poly(quinoxaline-2,3-diyl)s for Copper-Catalyzed Asymmetric Cyclopropanation of Alkenes. <i>ACS Macro Letters</i> , 2017 , 6, 705-710	6.6	27
104	Poly(quinoxaline-2,3-diyl) as a Multifunctional Chiral Scaffold for Circularly Polarized Luminescent Materials: Color Tuning, Energy Transfer, and Switching of the CPL Handedness. <i>ACS Macro Letters</i> , 2017 , 6, 431-435	6.6	61
103	Palladium-Catalyzed β -Elimination of Aminoboranes from (Aminomethylsilyl)boranes Leading to the Formation of Silene Dimers. <i>Organometallics</i> , 2017 , 36, 4298-4304	3.8	7
102	Synthesis and Solution Properties of a Rigid Helical Star Polymer: Three-Arm Star Poly(quinoxaline-2,3-diyl). <i>Macromolecules</i> , 2017 , 50, 7491-7497	5.5	11
101	Asymmetric Cycloisomerization of o-Alkenyl-N-Methylanilines to Indolines by Iridium-Catalyzed C(sp ³)-H Addition to Carbon-Carbon Double Bonds. <i>Angewandte Chemie</i> , 2017 , 129, 14460-14464	3.6	4
100	Asymmetric Cycloisomerization of o-Alkenyl-N-Methylanilines to Indolines by Iridium-Catalyzed C(sp ³)-H Addition to Carbon-Carbon Double Bonds. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14272-14276	16.4	25
99	4,4'-Bipyridine-catalyzed Stereoselective trans-Diboration of Acetylenedicarboxylates to 2,3-Diborylfumarates. <i>Chemistry Letters</i> , 2017 , 46, 1793-1796	1.7	15
98	New Chiral Functions Based on the Dynamic Induction of Macromolecular Helical Chirality by Chiral Side Chains. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017 , 75, 476-490	0.2	1
97	Three-Way-Switchable (Right/Left/OFF) Selective Reflection of Circularly Polarized Light on Solid Thin Films of Helical Polymer Blends. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7126-30	16.4	34
96	A (Borylmethyl)silane Bearing Three Hydrolyzable Groups on Silicon: Synthesis via Iridium-Catalyzed C(sp ³)-H Borylation and Conversion to Functionalized Siloxanes. <i>Organometallics</i> , 2016 , 35, 1601-1603	3.8	13
95	Solvent Effect on the Sergeants-and-Soldiers Effect Leading to Bidirectional Induction of Single-Handed Helical Sense of Poly(quinoxaline-2,3-diyl)s Copolymers in Aromatic Solvents. <i>ACS Macro Letters</i> , 2016 , 5, 519-522	6.6	49
94	Iridium-Catalyzed Intramolecular Methoxy C-H Addition to Carbon-Carbon Triple Bonds: Direct Synthesis of 3-Substituted Benzofurans from o-Methoxyphenylalkynes. <i>Chemistry - A European Journal</i> , 2016 , 22, 10415-9	4.8	19
93	High-pressure circular dichroism spectroscopy up to 400 MPa using polycrystalline yttrium aluminum garnet (YAG) as pressure-resistant optical windows. <i>RSC Advances</i> , 2016 , 6, 109726-109729	3.7	6
92	Site- and Regioselective Silaborative C-C Cleavage of 1-Alkyl-2-Methylenecyclopropanes Using a Platinum Catalyst with a Sterically Demanding Silylboronic Ester. <i>ACS Catalysis</i> , 2015 , 5, 3074-3077	13.1	25
91	Exerting control over the helical chirality in the main chain of sergeants-and-soldiers-type poly(quinoxaline-2,3-diyl)s by changing from random to block copolymerization protocols. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4070-3	16.4	59
90	Asymmetric Suzuki-Miyaura cross-coupling of 1-bromo-2-naphthoates using the helically chiral polymer ligand PQXphos. <i>Chemical Communications</i> , 2015 , 51, 7211-4	5.8	33
89	Facile Preparation of Poly(quinoxaline-2,3-diyl)s via Aromatizing Polymerization of 1,2-Diisocyanobenzenes Using Phosphine Complexes of Nickel(II) Salts. <i>Chemistry Letters</i> , 2015 , 44, 53-55	1.7	5

88	Main-Chain Stiffness and Helical Conformation of a Poly(quinoxaline-2,3-diyl) in Solution. <i>Macromolecules</i> , 2015 , 48, 7983-7989	5.5	13
87	Majority-Rules-Type Helical Poly(quinoxaline-2,3-diyl)s as Highly Efficient Chirality-Amplification Systems for Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9333-7	16.4	69
86	Poly(quinoxaline-2,3-diyl)s: A Fascinating Helical Macromolecular Scaffold for New Chiral Functions. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015 , 73, 1141-1155	0.2	26
85	Organocatalytic diboration involving "reductive addition" of a boron-boron bond to 4,4Rbipyridine. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2852-5	16.4	44
84	Ether solvent-induced chirality inversion of helical poly(quinoxaline-2,3-diyl)s containing L-lactic acid derived side chains. <i>Chemical Science</i> , 2014 , 5, 4953-4956	9.4	38
83	Poly(quinoxaline-2,3-diyl)s bearing (S)-3-octyloxymethyl side chains as an efficient amplifier of alkane solvent effect leading to switch of main-chain helical chirality. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15901-4	16.4	68
82	Iridium-catalysed borylation of sterically hindered C(sp ³)-H bonds: remarkable rate acceleration by a catalytic amount of potassium tert-butoxide. <i>Chemical Communications</i> , 2014 , 50, 6333-6	5.8	28
81	Solid polymer films exhibiting handedness-switchable, full-color-tunable selective reflection of circularly polarized light. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9858-61	16.4	84
80	Chirality-switchable circularly polarized luminescence in solution based on the solvent-dependent helix inversion of poly(quinoxaline-2,3-diyl)s. <i>Chemical Communications</i> , 2014 , 50, 9951-3	5.8	87
79	Chiral Palladacycle Catalysts Generated on a Single-Handed Helical Polymer Skeleton for Asymmetric Arylative Ring Opening of 1,4-Epoxy-1,4-dihydronaphthalene. <i>Angewandte Chemie</i> , 2014 , 126, 12999-13002	3.6	17
78	Chiral palladacycle catalysts generated on a single-handed helical polymer skeleton for asymmetric arylative ring opening of 1,4-epoxy-1,4-dihydronaphthalene. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12785-8	16.4	76
77	Complementary Induction of Right- and Left-Handed Helical Structures by the Positioning of Chiral Groups on the Monomer Units: Introduction of (1R)-Menthol as Side Chains of Poly(quinoxaline-2,3-diyl)s. <i>ACS Macro Letters</i> , 2013 , 2, 790-793	6.6	28
76	Cycloaddition-based formal C-H alkynylation of isoindoles leading to the synthesis of air-stable fluorescent 1,3-dialkynyloisoindoles. <i>Organic Letters</i> , 2013 , 15, 3510-3	6.2	16
75	Solvent-dependent switch of helical main-chain chirality in sergeants-and-soldiers-type poly(quinoxaline-2,3-diyl)s: effect of the position and structures of the "sergeant" chiral units on the screw-sense induction. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10104-13	16.4	110
74	Functionalization of Tetraorganosilanes and Permethyloligosilanes at a Methyl Group on Silicon via Iridium-Catalyzed C(sp ³)-H Borylation. <i>Organometallics</i> , 2013 , 32, 6170-6173	3.8	33
73	Anthranilamide-masked o-Iodoarylboronic Acids as Coupling Modules for Iterative Synthesis of ortho-Linked Oligoarenes. <i>Chemistry Letters</i> , 2013 , 42, 541-543	1.7	31
72	Palladium-catalyzed Carboboration: Borylative Coupling of Alkynes with Alkenes through Activation of Boron-Cl Bonds. <i>Chemistry Letters</i> , 2013 , 42, 538-540	1.7	16
71	Catalytic functionalization of methyl group on silicon: iridium-catalyzed C(sp ³)-H borylation of methylchlorosilanes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17416-9	16.4	74

70	Catalytic asymmetric synthesis using chirality-switchable helical polymer as a chiral ligand. <i>Pure and Applied Chemistry</i> , 2012 , 84, 1759-1769	2.1	67
69	Dearomatizing conversion of pyrazines to 1,4-dihydropyrazine derivatives via transition-metal-free diboration, silaboration, and hydroboration. <i>Chemical Communications</i> , 2012 , 48, 8571-3	5.8	54
68	Control of helical chirality of poly(quinoxaline-2,3-diyl)s based on postpolymerization modification of the terminal group by small chiral molecules. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1564-1571	2.5	12
67	Enhanced catalyst activity and enantioselectivity with chirality-switchable polymer ligand PQXphos in Pd-catalyzed asymmetric silaborative cleavage of meso-methylenecyclopropanes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11092-5	16.4	113
66	Palladium-catalyzed regioselective silaboration of pyridines leading to the synthesis of silylated dihydropyridines. <i>Journal of the American Chemical Society</i> , 2011 , 133, 7324-7	16.4	86
65	Integrated catalytic C-H transformations for one-pot synthesis of 1-arylisoindoles from isoindolines via palladium-catalyzed dehydrogenation followed by C-H arylation. <i>Organic Letters</i> , 2011 , 13, 1238-41	6.2	36
64	Anthranilamide: a simple, removable ortho-directing modifier for arylboronic acids serving also as a protecting group in cross-coupling reactions. <i>Organic Letters</i> , 2011 , 13, 2662-5	6.2	69
63	Palladium-catalyzed, stereoselective, cyclizative alkenylboration of carbon-carbon double bonds through activation of a boron-chlorine bond. <i>Journal of the American Chemical Society</i> , 2011 , 133, 4758-61	16.4	53
62	Ruthenium-catalyzed C-H Silylation of Methylboronic Acid Using a Removable β -Directing Modifier on the Boron Atom. <i>Chemistry Letters</i> , 2011 , 40, 916-918	1.7	44
61	Transition Metal-Catalyzed Element-Boryl Additions to Unsaturated Organic Compounds 2011 , 171-212		22
60	Synthesis of poly(quinoxaline-2,3-diyl)s with alkoxy side chains by aromatizing polymerization of 4,5-dialkoxy-substituted 1,2-diisocyanobenzenes. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4275-4282	2.5	8
59	Highly Enantioselective Synthesis of Axially Chiral Biarylphosphonates: Asymmetric Suzuki-Miyaura Coupling Using High-Molecular-Weight, Helically Chiral Polyquinoxaline-Based Phosphines. <i>Angewandte Chemie</i> , 2011 , 123, 9006-9009	3.6	46
58	Highly enantioselective synthesis of axially chiral biarylphosphonates: asymmetric Suzuki-Miyaura coupling using high-molecular-weight, helically chiral polyquinoxaline-based phosphines. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8844-7	16.4	187
57	Inversion or retention? Effects of acidic additives on the stereochemical course in enantiospecific Suzuki-Miyaura coupling of β -(acetylamino)benzylboronic esters. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20738-41	16.4	154
56	2-Vinylindoles As the Four-Atom Component in a Catalytic [4+1] Cycloaddition with a Silylene-Palladium Species Generated from (Aminosilyl)boronic Ester. <i>Organometallics</i> , 2011 , 30, 1322-1325	3.8	20
55	Dinuclear Palladium and Platinum Complexes with Bridging Silylene Ligands. Preparation Using (Aminosilyl)boronic Ester as the Ligand Precursor and Their Reactions with Alkynes. <i>Organometallics</i> , 2011 , 30, 3981-3991	3.8	28
54	Langmuir-Blodgett films of helical rigid-rod poly(quinoxaline-2,3-diyl)s. <i>Polymer Journal</i> , 2010 , 42, 406-410	0.7	5
53	Switch of regioselectivity in palladium-catalyzed silaboration of terminal alkynes by ligand-dependent control of reductive elimination. <i>Journal of the American Chemical Society</i> , 2010 , 132, 12194-6	16.4	90

52	Stereospecific Suzuki-Miyaura coupling of chiral η^5 (acylamino)benzylboronic esters with inversion of configuration. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13191-3	16.4	220
51	Synthesis of Helical Rod-Coil Multiblock Copolymers by Living Block Copolymerization of Isocyanide and 1,2-Diisocyanobenzene Using Arylnickel Initiators. <i>Macromolecules</i> , 2010 , 43, 3999-4002	5.5	32
50	High-molecular-weight polyquinoxaline-based helically chiral phosphine (PQXphos) as chirality-switchable, reusable, and highly enantioselective monodentate ligand in catalytic asymmetric hydrosilylation of styrenes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7899-901	16.4	216
49	Non-hydrogen-bonding-based, solvent-dependent helix inversion between pure P-helix and pure M-helix in poly(quinoxaline-2,3-diyl)s bearing chiral side chains. <i>Chemical Communications</i> , 2010 , 46, 4914-6	5.8	81
48	Chiral arylnickel complexes as highly active initiators for screw-sense selective living polymerization of 1,2-diisocyanobenzenes. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 898-904	2.5	18
47	Catalytic carboborations. <i>Chemical Record</i> , 2010 , 10, 348-58	6.6	96
46	Helical Poly(quinoxaline-2,3-diyl)s Bearing Metal-Binding Sites as Polymer-Based Chiral Ligands for Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2009 , 121, 547-550	3.6	36
45	B(OMe) ₃ as a Nonacidic Iminium Ion Generator in Mannich- and Ugi-Type Reactions. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 1148-1151	3.2	10
44	Helical poly(quinoxaline-2,3-diyl)s bearing metal-binding sites as polymer-based chiral ligands for asymmetric catalysis. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 539-42	16.4	163
43	Palladium-catalyzed silylene-1,3-diene [4 + 1] cycloaddition with use of (aminosilyl)boronic esters as synthetic equivalents of silylene. <i>Journal of the American Chemical Society</i> , 2009 , 131, 16624-5	16.4	55
42	Easily attachable and detachable ortho-directing agent for arylboronic acids in ruthenium-catalyzed aromatic C-H silylation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7502-3	16.4	178
41	Synthesis of 1-borylisoindoles via palladium-catalyzed dehydrogenation/C-H borylation of isoindolines. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6070-1	16.4	55
40	Silylboranes as New Tools in Organic Synthesis. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 29-49	5.1	199
39	η^5 Amidobenzoylation of Aryl and Alkenyl Halides via Palladium-catalyzed Suzuki-Miyaura Coupling with η^5 (Acylamino)benzylboronic Esters. <i>Chemistry Letters</i> , 2009 , 38, 664-665	1.7	32
38	Palladium-catalysed cis- and trans-silaboration of terminal alkynes: complementary access to stereo-defined trisubstituted alkenes. <i>Chemical Communications</i> , 2008 , 1416-8	5.8	59
37	Silylboranes bearing dialkylamino groups on silicon as silylene equivalents: palladium-catalyzed regioselective synthesis of 2,4-disubstituted siloles. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1526-7	16.4	67
36	Differentially protected benzenediboronic acids: divalent cross-coupling modules for the efficient synthesis of boron-substituted oligoarenes. <i>Organic Letters</i> , 2008 , 10, 377-80	6.2	175
35	A Mechanism for the Palladium-Catalyzed Regioselective Silaboration of Allene: A Theoretical Study. <i>Organometallics</i> , 2008 , 27, 1736-1742	3.8	47

34	Palladium-catalyzed asymmetric silaborative C-C cleavage of meso-methylenecyclopropanes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3518-9	16.4	100
33	Synthesis of Silylboronic Esters Functionalized on Silicon. <i>Organometallics</i> , 2007 , 26, 1291-1294	3.8	60
32	Development of Boron-Based Reactions and Reagents for Organic Synthesis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2007 , 65, 1048-1059	0.2	8
31	Aminoboranes as new iminium ion generators in amination reactions. <i>Pure and Applied Chemistry</i> , 2006 , 78, 1377-1387	2.1	23
30	Asymmetric silaboration of terminal allenes bearing alpha-stereogenic centers: stereoselection based on "reagent control". <i>Organic Letters</i> , 2006 , 8, 2503-6	6.2	43
29	Ligand-controlled, complementary stereoselectivity in the platinum-catalyzed intramolecular silaboration of alkenes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 13366-7	16.4	40
28	Nickel-catalyzed addition of alkynylboranes to alkynes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14438-9	16.4	172
27	Palladium-catalyzed asymmetric silaboration of allenes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 13682-3	16.4	115
26	Synthesis and Reactions of Cyclic Silylboranes. <i>Bulletin of the Chemical Society of Japan</i> , 2005 , 78, 323-326	3.1	35
25	Palladium-catalyzed addition of cyanoboranes to alkynes: regio- and stereoselective synthesis of alpha,beta-unsaturated beta-boryl nitriles. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2380-2	16.4	148
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22	A new look at boron enolate chemistry: aminative C-C bond formation using diamineboron enolate with aldehyde. <i>Organic Letters</i> , 2004 , 6, 1167-9	6.2	31
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20	Enantioface-selective palladium-catalyzed silaboration of allenes via double asymmetric induction. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11174-5	16.4	81
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18	Nickel-Catalyzed Silaboration of Small-Ring Vinylcycloalkanes: Regio- and Stereoselective (E)-Allylsilane Formation via C-C Bond Cleavage. <i>Organometallics</i> , 2002 , 21, 1537-1539	3.8	45
17	Bis(dialkylamino)cyanoboranes: highly efficient reagents for the Strecker-type aminative cyanation of aldehydes and ketones. <i>Chemical Communications</i> , 2002 , 1392-1393	5.8	37

16	Stereoselective construction of trans-1,2-benzooxadecaline frameworks by three-component cascade reactions of an β -phenethyl- β -borylallylsilane with aldehydes. <i>Chemical Communications</i> , 2001 , 1090-1091	5.8	24
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14	Synthesis of (Boryl)(silyl)iminomethanes by Insertion of Isonitriles into Silicon-Boron Bonds. <i>Organometallics</i> , 2000 , 19, 719-721	3.8	43
13	Convenient Preparation of Silylboranes. <i>Organometallics</i> , 2000 , 19, 4647-4649	3.8	164
12	Highly Regioselective Silaboration of 3-Substituted 1,2-Dienes Catalyzed by Palladium/2,6-Xylyl Isocyanide. <i>Synlett</i> , 1999 , 1999, 1567-1568	2.2	53
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10	New Access to 2,3-Disubstituted Quinolines through Cyclization of o-Alkynylisocyanobenzenes. <i>Organic Letters</i> , 1999 , 1, 1977-1979	6.2	72
9	Asymmetric Synthesis of Helical Poly(quinoxaline-2,3-diyl)s by Palladium-Mediated Polymerization of 1,2-Diisocyanobenzenes: Effective Control of the Screw-Sense by a Binaphthyl Group at the Chain-End. <i>Journal of the American Chemical Society</i> , 1998 , 120, 11880-11893	16.4	117
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6	Platinum-Catalyzed Regioselective Silaboration of Alkenes. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 2516-2518		75
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