

Yoshihiro Miyake

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.

140
papers

6,290
citations

44
h-index

76
g-index

199
ext. papers

6,923
ext. citations

6.8
avg, IF

6.12
L-index

#	Paper	IF	Citations
140	Peripherally Arylated 2,8-Diazaperylenes from Anthracene Diimide: Synthesis and Oxidative Annulation. <i>Organic Letters</i> , 2021 , 23, 2099-2103	6.2	1
139	Synthesis of Tetrakisatetrathia[8]circulenes through C α and C β Silylation. <i>Synthesis</i> , 2021 , 53, 2995-3000	2.9	1
138	Cationic Nickel(II) Pyridinophane Complexes: Synthesis, Structures and Catalytic Activities for C β Oxidation. <i>Chemistry Letters</i> , 2021 , 50, 1049-1052	1.7	
137	Synthesis and Characterization of 16 π Antiaromatic 2,7-Dihydrodiazapyrenes: Antiaromatic Polycyclic Hydrocarbons with Embedded Nitrogen. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13877-13881	16.4	5
136	Quadruply BN-Fused Tetrathia[8]circulenes with Flexible Frameworks: Synthesis, Structures and Properties. <i>Chemistry - A European Journal</i> , 2021 , 27, 8178-8184	4.8	1
135	Synthesis and Characterization of 16 π Antiaromatic 2,7-Dihydrodiazapyrenes: Antiaromatic Polycyclic Hydrocarbons with Embedded Nitrogen. <i>Angewandte Chemie</i> , 2021 , 133, 13996-14000	3.6	6
134	Enthalpically and Entropically Favorable Self-Assembly: Synthesis of C β -Symmetric Tetraazatetrathia[8]circulenes by Regioselective Introduction of Pyridine Rings. <i>Chemistry - A European Journal</i> , 2021 , 27, 5675-5682	4.8	1
133	Complexation of 2,7-diazapyrene with boron for structural and electronic tuning. <i>Chemical Communications</i> , 2021 , 57, 327-330	5.8	4
132	Iron hexamesityl-5,15-diazaporphyrin: synthesis, structure and catalytic use for direct oxidation of sp C-H bonds. <i>Dalton Transactions</i> , 2021 , 50, 6343-6348	4.3	1
131	Synthesis and Crystal Packing Structures of 2,7-Diazapyrenes with Various Alkyl Groups at 1,3,6,8-Positions. <i>Chemistry Letters</i> , 2020 , 49, 465-468	1.7	8
130	Hetero[8]circulenes: synthetic progress and intrinsic properties. <i>Chemical Communications</i> , 2020 , 56, 15605-15614	5.8	14
129	Site-Selective N-Methylation of 5,15-Diazaporphyrins: Reactive Cationic Porphyrinoids that Provide Isoporphyrin Analogues. <i>Chemistry - A European Journal</i> , 2020 , 26, 2754-2760	4.8	3
128	Iron(III) 5,15-Diazaporphyrin Catalysts for the Direct Oxidation of C(sp)-H Bonds. <i>Inorganic Chemistry</i> , 2020 , 59, 15751-15756	5.1	2
127	Aggregation-Induced Emission in Tetrathia[8]circulene Octaoxides via Restriction of the Dynamic Motion of their Negatively Curved π -Frameworks. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 3873-3877	4.5	4
126	Systematic Synthesis of Tetrathia[8]circulenes: The Influence of Peripheral Substituents on the Structures and Properties in Solution and Solid States. <i>Journal of Organic Chemistry</i> , 2020 , 85, 62-69	4.2	20
125	Regioselective Oxidative Ring Cleavage of Antiaromatic Nickel(II) Norcorrole to Dialkoxybis(dipyrin)s. <i>ChemPlusChem</i> , 2019 , 84, 561	2.8	
124	Regioselective Oxidative Ring Cleavage of Antiaromatic Nickel(II) Norcorrole to Dialkoxybis(dipyrin)s. <i>ChemPlusChem</i> , 2019 , 84, 623-626	2.8	2

123	Soluble and Planar 2,9-Diazaperopyrenes through Reductive Aromatization of Perylene Diimides: Tunable Emission and Aggregation Behaviors. <i>Chemistry - A European Journal</i> , 2019 , 25, 10571-10574	4.8	15
122	The reductive aromatization of naphthalene diimide: a versatile platform for 2,7-diazapyrenes. <i>Chemical Communications</i> , 2018 , 54, 5177-5180	5.8	27
121	Synthesis and Photodynamics of Tetragermatetrathia[8]circulene. <i>Organic Letters</i> , 2018 , 20, 304-307	6.2	25
120	Diazachlorin and diazabacteriochlorin for one- and two-photon photodynamic therapy. <i>Chemical Communications</i> , 2018 , 54, 13829-13832	5.8	10
119	Synthesis of Tetraaza[8]circulenes from Tetrathia[8]circulenes through an SAR-Based Process. <i>Organic Letters</i> , 2017 , 19, 2718-2721	6.2	32
118	Synthesis, Properties, and Reactivities of Ruthenium(II) Carbonyl 5,15-Diazaporphyrins. <i>Chemistry Letters</i> , 2017 , 46, 995-997	1.7	2
117	Synthesis of Tetrasilatetrathia[8]circulenes by a Fourfold Intramolecular Dehydrogenative Silylation of C-H Bonds. <i>Chemistry - A European Journal</i> , 2017 , 23, 6948-6952	4.8	23
116	Design and Synthesis of Tunable Ligands with 4,4'-Bipyridyl as an Electron-Accepting Unit and Their Rhenium Complexes. <i>Organometallics</i> , 2017 , 36, 3429-3434	3.8	12
115	Structures of the Heme Acquisition Protein HasA with Iron(III)-5,15-Diphenylporphyrin and Derivatives Thereof as an Artificial Prosthetic Group. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15279-15283	16.4	8
114	Structures of the Heme Acquisition Protein HasA with Iron(III)-5,15-Diphenylporphyrin and Derivatives Thereof as an Artificial Prosthetic Group. <i>Angewandte Chemie</i> , 2017 , 129, 15481-15485	3.6	1
113	Selective Borylation of π -Unsaturated imides mediated by a visible light photoredox catalyst. <i>Chemical Communications</i> , 2017 , 53, 9136-9138	5.8	6
112	Innenrücktitelbild: Structures of the Heme Acquisition Protein HasA with Iron(III)-5,15-Diphenylporphyrin and Derivatives Thereof as an Artificial Prosthetic Group (Angew. Chem. 48/2017). <i>Angewandte Chemie</i> , 2017 , 129, 15675-15675	3.6	
111	Synthesis and Functionalization of Porphyrins through Organometallic Methodologies. <i>Chemical Reviews</i> , 2017 , 117, 2910-3043	68.1	242
110	Chemo- and Regioselective Reduction of 5,15-Diazaporphyrins Providing Antiaromatic Azaporphyrinoids. <i>Chemistry - A European Journal</i> , 2016 , 22, 3956-61	4.8	34
109	Synthetic Utilization of π -Aminoalkyl Radicals and Related Species in Visible Light Photoredox Catalysis. <i>Accounts of Chemical Research</i> , 2016 , 49, 1946-56	24.3	254
108	Diversity-oriented synthesis of tetrathia[8]circulenes by sequential C-H borylation and annulation. <i>Chemical Communications</i> , 2015 , 51, 16944-7	5.8	34
107	Visible-Light-Mediated Transformation of Nitrogen-Containing Compounds Based on Single Electron Transfer. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015 , 73, 874-884 ^{0.2}		2
106	Visible-light-mediated addition of π -aminoalkyl radicals to [60]fullerene by using photoredox catalysts. <i>Chemistry - A European Journal</i> , 2014 , 20, 6120-5	4.8	56

105	Synthesis of nitrogen heterocycles via β -aminoalkyl radicals generated from β -ilyl secondary amines under visible light irradiation. <i>Chemical Communications</i> , 2014 , 50, 8900-3	5.8	46
104	A 3-pyridyl-5,15-diazaporphyrin nickel(II) complex as a bidentate metalloligand for transition metals. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13924-7	16.4	23
103	Copper-catalyzed nucleophilic trifluoromethylation of benzylic chlorides. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 5594-6	3.9	24
102	A 3-Pyridyl-5,15-Diazaporphyrin Nickel(II) Complex as a Bidentate Metalloligand for Transition Metals. <i>Angewandte Chemie</i> , 2014 , 126, 14144-14147	3.6	11
101	Synthesis and Redox Properties of PNP Pincer Complexes Based on N-Methyl-4,4'-bipyridinium. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 4273-4280	2.3	9
100	Preparation and reactivity of molybdenum-dinitrogen complexes bearing an arsenic-containing ANA-type pincer ligand. <i>Chemical Communications</i> , 2013 , 49, 9290-2	5.8	34
99	Copper-catalyzed nucleophilic trifluoromethylation of propargylic halides. <i>Chemical Communications</i> , 2013 , 49, 7809-11	5.8	45
98	Visible light-mediated oxidative decarboxylation of arylacetic acids into benzyl radicals: addition to electron-deficient alkenes by using photoredox catalysts. <i>Chemical Communications</i> , 2013 , 49, 7854-6	5.8	89
97	Design and preparation of molybdenum-dinitrogen complexes with ferrocenyldiphosphine and pentamethylcyclopentadienyl moieties as auxiliary ligands. <i>Chemistry - A European Journal</i> , 2013 , 19, 11874-7	4.8	34
96	Ruthenium-triggered ring opening of ethynylcyclopropanes: [3+2] cycloaddition with aldehydes and aldimines involving metal allenylidene intermediates. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1758-62	16.4	58
95	Synthesis, Structure, and Reactivity of Group VI Metal Complexes Bearing Group IV Metallocenyldiphosphine Moieties and a Pentamethylcyclopentadienyl Ligand. <i>Organometallics</i> , 2013 , 32, 2007-2013	3.8	2
94	Ruthenium-Triggered Ring Opening of Ethynylcyclopropanes: [3+2] Cycloaddition with Aldehydes and Aldimines Involving Metal Allenylidene Intermediates. <i>Angewandte Chemie</i> , 2013 , 125, 1802-1806	3.6	20
93	Cooperative catalytic reactions using distinct transition-metal catalysts: ruthenium- and copper-catalyzed enantioselective propargylic alkylation. <i>Chemistry - A European Journal</i> , 2012 , 18, 3321-8	4.8	57
92	Synthesis and Catalytic Activity of Molybdenum-Dinitrogen Complexes Bearing Unsymmetric PNP-Type Pincer Ligands. <i>Organometallics</i> , 2012 , 31, 8437-8443	3.8	95
91	Direct sp ³ C-H amination of nitrogen-containing benzoheterocycles mediated by visible-light-photoredox catalysts. <i>Chemistry - A European Journal</i> , 2012 , 18, 16473-7	4.8	90
90	Visible-light-mediated addition of β -aminoalkyl radicals generated from β -ilylamines to α,β -unsaturated carbonyl compounds. <i>Chemical Communications</i> , 2012 , 48, 6966-8	5.8	109
89	Cooperative Catalytic Reactions Using Organocatalysts and Transition Metal Catalysts: Propargylic Allylation of Propargylic Alcohols with α,β -Unsaturated Aldehydes. <i>Organometallics</i> , 2012 , 31, 3810-3813	3.8	43
88	Synthesis and Reactivity of Hybrid Phosphido- and Hydrosulfido-Bridged Diruthenium Complexes: Transformations into Diruthenium and Tetraruthenium Complexes Bridged by Phosphido and Sulfido Ligands. <i>Organometallics</i> , 2012 , 31, 3292-3299	3.8	8

87	Copper-catalyzed nucleophilic trifluoromethylation of allylic halides: a simple approach to allylic trifluoromethylation. <i>Chemistry - A European Journal</i> , 2012 , 18, 13255-8	4.8	59
86	Enantioselective alkylation of β keto phosphonates by direct use of diaryl methanols as electrophiles. <i>Chemical Communications</i> , 2012 , 48, 9528-30	5.8	26
85	Iron-catalysed transformation of molecular dinitrogen into silylamine under ambient conditions. <i>Nature Communications</i> , 2012 , 3, 1254	17.4	109
84	Ruthenium- and Copper-Catalyzed Enantioselective Propargylic Alkylation of Propargylic Alcohols with β keto Phosphonates. <i>Organometallics</i> , 2012 , 31, 3426-3430	3.8	40
83	Synthesis of Sulfur- and Nitrogen-Bridged Diiron Complexes and Catalytic Behavior toward Hydrazines. <i>Organometallics</i> , 2012 , 31, 2953-2956	3.8	31
82	Visible-light-mediated utilization of β aminoalkyl radicals: addition to electron-deficient alkenes using photoredox catalysts. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3338-41	16.4	315
81	Synthesis and Protonation of Molybdenum and Tungsten Dinitrogen Complexes Bearing PNP-Type Pincer Ligands. <i>Organometallics</i> , 2012 , 31, 2035-2041	3.8	65
80	Cooperative catalytic reactions using organocatalysts and transition metal catalysts: enantioselective propargylic alkylation of propargylic esters with aldehydes. <i>Organic Letters</i> , 2011 , 13, 592-5	6.2	81
79	A molybdenum complex bearing PNP-type pincer ligands leads to the catalytic reduction of dinitrogen into ammonia. <i>Nature Chemistry</i> , 2011 , 3, 120-5	17.6	547
78	Propargylic Substitution Reaction Catalyzed by Group IV (Ti, Zr, Hf) β u Heterobimetallic Complexes. <i>Organometallics</i> , 2011 , 30, 3194-3199	3.8	17
77	Cooperative Catalytic Reactions Using Lewis Acids and Organocatalysts: Enantioselective Propargylic Alkylation of Propargylic Alcohols Bearing an Internal Alkyne with Aldehydes. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 2239-2246	3.2	58
76	Remarkable Effect of Valence Electrons in Thiolato-Bridged Diruthenium Complexes toward Catalytic Dimerization of β Methylstyrenes. <i>Organometallics</i> , 2011 , 30, 5972-5977	3.8	6
75	Copper-catalyzed enantioselective propargylic amination of nonaromatic propargylic esters with amines. <i>Organic Letters</i> , 2011 , 13, 2460-3	6.2	61
74	Synthesis of Group IV (Zr, Hf) β Group VIII (Fe, Ru) Heterobimetallic Complexes Bearing Metallocenyl Diphosphine Moieties and Their Application to Catalytic Dehydrogenation of Amine Boranes. <i>Organometallics</i> , 2011 , 30, 2394-2404	3.8	45
73	Molybdenum-catalyzed transformation of molecular dinitrogen into silylamine: experimental and DFT study on the remarkable role of ferrocenyldiphosphine ligands. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3498-506	16.4	130
72	Recent Progress in Catalytic Reactions via Copper-Acetylide Complexes as Key Intermediates. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011 , 69, 1086-1098	0.2	3
71	Intramolecular Edge-to-Face Aromatic π Interaction in Optically Active Ruthenium Allenylidene Complexes for Enantioselective Propargylic Substitution Reactions. <i>Organometallics</i> , 2010 , 29, 2381-2384	3.8	38
70	Preparation and Reactivity of a Ruthenium Complex Bearing a 2,6-Bis(trimethylsilyl)benzenethiolate Ligand. <i>Organometallics</i> , 2010 , 29, 4148-4153	3.8	4

69	Preparation of Thiolate-Bridged Dinuclear Ruthenium Complexes Bearing a Phosphine Ligand and Application to Propargylic Reduction of Propargylic Alcohols with 2-Propanol. <i>Organometallics</i> , 2010 , 29, 5994-6001	3.8	28
68	Ruthenium-Catalyzed Enantioselective [3+3] Cycloaddition of Propargylic Alcohols with 2-Naphthols. <i>Organometallics</i> , 2010 , 29, 2126-2131	3.8	56
67	Copper-catalyzed enantioselective propargylic amination of propargylic esters with amines: copper-allenylidene complexes as key intermediates. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10592-608	16.4	166
66	Structural, electronic and magnetic properties of Cu(II) complexes of 2-substituted tropones bearing a ferrocenyl group at 5-position. <i>Dalton Transactions</i> , 2010 , 39, 2293-300	4.3	9
65	Copper-Catalyzed Diastereo- and Enantioselective Sequential Reactions of Propargylic Acetates with (E)-2,4-Pentadienylamine. <i>ChemCatChem</i> , 2010 , 2, 155-158	5.2	54
64	Asymmetric Synthesis of Epoxides from Aromatic Aldehydes and Benzyl Halides Catalyzed by C2 Symmetric Optically Active Sulfides Having a Binaphthyl Skeleton.. <i>ChemInform</i> , 2010 , 33, 105-105		
63	Cooperative Catalytic Reactions Using Organocatalysts and Transition-Metal Catalysts: Enantioselective Propargylic Alkylation of Propargylic Alcohols with Aldehydes. <i>Angewandte Chemie</i> , 2010 , 122, 7447-7451	3.6	48
62	Titelbild: Cooperative Catalytic Reactions Using Organocatalysts and Transition-Metal Catalysts: Enantioselective Propargylic Alkylation of Propargylic Alcohols with Aldehydes (Angew. Chem. 40/2010). <i>Angewandte Chemie</i> , 2010 , 122, 7295-7295	3.6	8
61	Cooperative catalytic reactions using organocatalysts and transition-metal catalysts: enantioselective propargylic alkylation of propargylic alcohols with aldehydes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7289-93	16.4	131
60	Cover Picture: Cooperative Catalytic Reactions Using Organocatalysts and Transition-Metal Catalysts: Enantioselective Propargylic Alkylation of Propargylic Alcohols with Aldehydes (Angew. Chem. Int. Ed. 40/2010). <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7139-7139	16.4	5
59	Catalytic Cycloisomerization of 1,5-Enynes to 1,3-Cyclohexadienes via Ruthenium Vinylidene Intermediates. <i>Angewandte Chemie</i> , 2009 , 121, 2572-2575	3.6	3
58	Catalytic cycloisomerization of 1,5-enynes to 1,3-cyclohexadienes via ruthenium vinylidene intermediates. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 2534-7	16.4	27
57	A DFT study on the reaction pathways for carbon-carbon bond-forming reactions between propargylic alcohols and alkenes or ketones catalyzed by thiolate-bridged diruthenium complexes. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 81-8	4.5	31
56	Catalytic Propargylic Substitution Reactions. <i>ChemCatChem</i> , 2009 , 1, 342-356	5.2	180
55	Synthesis and Protonolysis of Tungsten and Molybdenum Dinitrogen Complexes Bearing Ruthenocenyldiphosphines. <i>Organometallics</i> , 2009 , 28, 4741-4746	3.8	32
54	Remarkable Effect of Halogens on Catalytic Activities of Thiolato-Bridged Diruthenium Complexes in Propargylic Substitution Reactions. <i>Organometallics</i> , 2009 , 28, 1138-1142	3.8	23
53	Preparation and Protonation of Tungsten- and Molybdenum-Dinitrogen Complexes Bearing Bis(dialkylphosphinobenzene)chromiums as Auxiliary Ligands. <i>Organometallics</i> , 2009 , 28, 5821-5827	3.8	34
52	Enantioselective ring-opening reactions of racemic ethynyl epoxides via copper-allenylidene intermediates: efficient approach to chiral beta-amino alcohols. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7603-7	4.2	90

51	Ruthenium-Catalyzed Oxypropargylation of Alkenes. <i>Organometallics</i> , 2009 , 28, 48-50	3.8	31
50	Ruthenium-Catalyzed Enantioselective Intramolecular Propargylation of Thiophenes with Propargylic Alcohols. <i>Organometallics</i> , 2009 , 28, 2920-2926	3.8	47
49	Design and Synthesis of Diphosphine Ligands Bearing an Osmium(II) Bis(terpyridyl) Moiety as a Light-Harvesting Unit: Application to Photocatalytic Production of Dihydrogen. <i>Organometallics</i> , 2009 , 28, 5240-5243	3.8	40
48	Development of Novel Catalytic Reactions via Ruthenium-Allenylidene Complexes as Key Intermediates. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2009 , 67, 437-450	0.2	3
47	Ruthenium-Catalyzed Dienyne Formation from Propargylic Alcohols and 1,3-Conjugated Dienes. <i>Organometallics</i> , 2008 , 27, 2046-2051	3.8	38
46	Ruthenium-catalyzed vinylic substitution reactions with nucleophiles via butatrienylidene intermediates. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2908-9	16.4	26
45	Novel Monophosphido-Bridged Diruthenium Complexes: Efficient Preparative Method and Catalytic Activity toward Reactions of Propargylic Alcohols with Aromatic Compounds. <i>Organometallics</i> , 2008 , 27, 4017-4020	3.8	23
44	Synthesis and Reactivity of Hybrid Phosphido- and Thiolato-Bridged Diruthenium Complexes. <i>Organometallics</i> , 2008 , 27, 6039-6042	3.8	26
43	Long-distance ferromagnetic coupling through spin polarization in a linear heterotrinary iron(III)-copper(II)-iron(III) complex derived from 5-ferrocenyl-2-aminotropone. <i>Chemical Communications</i> , 2008 , 6167-9	5.8	12
42	Ruthenium-catalyzed enantioselective carbon-carbon bond forming reaction via allenylidene-ene process: synthetic approach to chiral heterocycles such as chromane, thiochromane, and 1,2,3,4-tetrahydroquinoline derivatives. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10498-9	16.4	134
41	Synthesis and Reactivity of Tungsten and Molybdenum Dinitrogen Complexes Bearing Ferrocenyldiphosphines toward Protonolysis. <i>Organometallics</i> , 2008 , 27, 3947-3953	3.8	45
40	Ruthenium-Catalyzed Intramolecular Cyclization of 3-Butyne-1,2-diols into Furans. <i>Organometallics</i> , 2008 , 27, 3614-3617	3.8	53
39	Synthesis of Optically Active N,N,N',N'-Tetraphenyl-1,1'-binaphthyl-2,2'-diamine Derivatives as Analogues of BINAP. <i>Organometallics</i> , 2008 , 27, 4021-4024	3.8	5
38	Optically Active Chiral Ligands, Ferrocenyloxazolinyldiphosphines (FOXAPs): Development and Application to Catalytic Asymmetric Reactions. <i>Synlett</i> , 2008 , 2008, 1747-1758	2.2	2
37	Ruthenium-Catalyzed Enantioselective Propargylation of Indoles with Propargylic Alcohols. <i>Synthesis</i> , 2008 , 2008, 3869-3873	2.9	6
36	Copper-catalyzed asymmetric propargylic substitution reactions of propargylic acetates with amines. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3781-3	16.4	160
35	Copper-Catalyzed Asymmetric Propargylic Substitution Reactions of Propargylic Acetates with Amines. <i>Angewandte Chemie</i> , 2008 , 120, 3841-3843	3.6	56
34	Design and preparation of a chiral ligand based on a pseudorotaxane skeleton: application to rhodium-catalyzed enantioselective hydrogenation of enamides. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12930-1	16.4	76

33	Synthesis and Reactivity of Diphosphine-Bridged Diruthenium Complexes. <i>Organometallics</i> , 2007 , 26, 3611-3613	3.8	16
32	Ruthenium-catalyzed reactions of 1-cyclopropyl-2-propyn-1-ols with anilines and water via allenylidene intermediates: selective preparation of tri- and tetrasubstituted conjugated enynes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5175-9	16.4	64
31	Development of Optically Active Chiral Ligands Ferrocenyloxazolinylphosphines (FOXAP) and Their Application to Catalytic Asymmetric Reactions. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2007 , 65, 761-771	0.2	3
30	Ruthenium-catalyzed enantioselective propargylation of aromatic compounds with propargylic alcohols via allenylidene intermediates. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6488-91	16.4	143
29	Cover Picture: Ruthenium-Catalyzed Enantioselective Propargylation of Aromatic Compounds with Propargylic Alcohols via Allenylidene Intermediates (Angew. Chem. Int. Ed. 34/2007). <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6381-6381	16.4	
28	Ruthenium-Catalyzed Enantioselective Propargylation of Aromatic Compounds with Propargylic Alcohols via Allenylidene Intermediates. <i>Angewandte Chemie</i> , 2007 , 119, 6608-6611	3.6	58
27	Titelbild: Ruthenium-Catalyzed Enantioselective Propargylation of Aromatic Compounds with Propargylic Alcohols via Allenylidene Intermediates (Angew. Chem. 34/2007). <i>Angewandte Chemie</i> , 2007 , 119, 6501-6501	3.6	
26	Ruthenium-catalyzed sequential reactions: deracemization of secondary benzylic alcohols. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 393-6	4.5	36
25	Remarkable effect of N-substituent on enantioselective ruthenium-catalyzed propargylation of indoles with propargylic alcohols. <i>Organic Letters</i> , 2007 , 9, 5561-4	6.2	109
24	Ruthenium-catalyzed propargylic reduction of propargylic alcohols with silanes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4835-9	16.4	90
23	Ruthenium-Catalyzed Propargylic Reduction of Propargylic Alcohols with Silanes. <i>Angewandte Chemie</i> , 2006 , 118, 4953-4957	3.6	28
22	Efficient construction of biaryls and macrocyclic cyclophanes via electron-transfer oxidation of Lipshutz cuprates. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6110-7	4.2	50
21	Selective Hydrosilylation of 1-Alkynes Using Iridium Catalyst with Biphosphinine Ligand. <i>Chemistry Letters</i> , 2006 , 35, 836-837	1.7	32
20	Novel electron-transfer oxidation of Lipshutz cuprates with 1,4-benzoquinones: an efficient homo-coupling reaction of aryl halides and its application to the construction of macrocyclic systems. <i>Chemical Communications</i> , 2005 , 411-3	5.8	31
19	Synthesis of Nonaphenylenes and Dodecaphenylenes Using Electron-transfer Oxidation of Lipshutz Cuprate Intermediates. <i>Chemistry Letters</i> , 2005 , 34, 1474-1475	1.7	15
18	Bis(ethylenedioxy)-1,4,5,8-tetraselenanaphthalene: The First Example of Tetraselenanaphthalene. <i>Chemistry Letters</i> , 2005 , 34, 68-69	1.7	5
17	Copper-Mediated Simple and Efficient Synthesis of Tribenzohexadehydro[12]annulene and Its Derivatives. <i>Synthesis</i> , 2004 , 2004, 1527-1531	2.9	34
16	Bi-TTF, bis-TTF, and related TTF oligomers. <i>Chemical Reviews</i> , 2004 , 104, 5085-114	68.1	173

15	Anomalous Ring Cleavage of 1,3-Dithiole- and 1,3-Diselenole-2-thiones under the Cross-Coupling Conditions Using Triethyl Phosphite. <i>Chemistry Letters</i> , 2004 , 33, 570-571	1.7	3
14	Bis(tetrathiafulvaleno)octadehydro[20]annulene with Multi-functionality. <i>Chemistry Letters</i> , 2004 , 33, 1098-1099	1.7	24
13	Kinetic Resolution of Racemic Ferrocenylphosphine Compounds by Enantioselective Oxidation Using Cyclic Selenoxides Having a Chiral Ligand. <i>Bulletin of the Chemical Society of Japan</i> , 2003 , 76, 381-387	5.1	11
12	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
11	Asymmetric synthesis of epoxides from aromatic aldehydes and benzyl halides catalyzed by C2 symmetric optically active sulfides having a binaphthyl skeleton. <i>Heteroatom Chemistry</i> , 2002 , 13, 270-275	1.2	21
10	Asymmetric Baeyer-Villiger Oxidation of Cyclic Ketones Using Chiral Organoselenium Catalysts. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 2233-2237	5.1	30
9	Kinetic Resolution of Racemic Ferrocenyl Phosphine Compounds Using Optically Active Cyclic Selenoxides as Oxidant. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 2107-2107	1	
8	Palladium(II) complex-catalysed enantioselective benzoylation of alcohols using carbon monoxide and an organobismuth(V) compound. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 1548-1554		19
7	Kinetic resolution of secondary alcohols via chiral Pd(II)-complex-catalysed enantioselective benzoylation using CO and organobismuth(V) compound. <i>Chemical Communications</i> , 2001 , 2584-2585	5.8	12
6	Asymmetric imidation of organic selenides into selenimides. <i>Journal of Organometallic Chemistry</i> , 2000 , 611, 475-487	2.3	20
5	Nickel(0)-catalyzed asymmetric cross-coupling reactions of allylic compounds with arylboronic acids. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 15-18		76
4	Nickel(0)-catalysed asymmetric cross-coupling reactions of allylic compounds with Grignard reagents using optically active oxazolinylferrocenylphosphines as ligands. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 2725-2729		44
3	Enantioselective conversion of meso-cyclic disulfides to chiral cyclic sulfides via desulfurization with chiral aminophosphines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 1595-1599		9
2	Catalytic asymmetric imidation of selenides into selenimides. <i>Chemical Communications</i> , 1998 , 1557-1558	8.8	27
1	Catalytic asymmetric sulfimidation of 1,3-dithianes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 2373-2376		28