

Masahiro Murakami

List of Publications by Year in descending order

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Version: 2024-02-01

402
papers

20,151
citations

8181

76
h-index

20358

116
g-index

560
all docs

560
docs citations

560
times ranked

8333
citing authors

#	ARTICLE	IF	CITATIONS
1	1,2-Acyl migration with Î±-imino rhodium carbenoids leading to substituted 1-naphthols. <i>Chemical Communications</i> , 2022, , .	4.1	2
2	Photoassisted Cross-Coupling Reaction of Î±-Chlorocarbonyl Compounds with Arylboronic Acids. <i>Organic Letters</i> , 2022, 24, 1616-1619.	4.6	8
3	Synthesis of Tetraarylphosphonium Salts from Triarylphosphines and Aryl Bromides Exploiting Light and Palladium. <i>Chemistry Letters</i> , 2022, 51, 522-524.	1.3	0
4	Photoinduced Hydrophosphination of Terminal Alkynes with Tri(<i>o</i> -tolyl)phosphine: Synthesis of Alkenylphosphonium Salts. <i>Organic Letters</i> , 2022, 24, 2504-2508.	4.6	4
5	Dehydrogenative Three-component Coupling of CO with Methylarenes Forming Dibenzyl Ketones. <i>Chemistry Letters</i> , 2022, 51, 765-767.	1.3	0
6	Thermal Metathesis of C=C Single Bonds Induced by Steric Frustration. <i>Chemistry Letters</i> , 2022, 51, 771-774.	1.3	1
7	Photoinduced Dearomatizing Three-Component Coupling of Arylphosphines, Alkenes, and Water. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3551-3555.	13.8	25
8	Stereo- and Enantioselective Synthesis of Propionate-Derived Trisubstituted Alkene Motifs. <i>Chemistry - A European Journal</i> , 2021, 27, 3861-3868.	3.3	13
9	Achievements of the Late Professor Teruaki Mukaiyama. <i>Chemical Record</i> , 2021, 21, 2-16.	5.8	5
10	Photoinduced Dearomatizing Three-Component Coupling of Arylphosphines, Alkenes, and Water. <i>Angewandte Chemie</i> , 2021, 133, 3593-3597.	2.0	1
11	Cleavage of Carbon-Carbon Î±-Bonds of Four-Membered Rings. <i>Chemical Reviews</i> , 2021, 121, 264-299.	47.7	190
12	Achievements of the Late Professor Teruaki Mukaiyama. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 59-69.	0.1	0
13	Regioselective 1,3-Dipolar Cycloaddition of Nitriles with Nitrile Imines Generated from Tetrazoles. <i>Chemistry Letters</i> , 2021, 50, 131-135.	1.3	4
14	Sustainable System for Hydrogenation Exploiting Energy Derived from Solar Light. <i>Journal of the American Chemical Society</i> , 2021, 143, 2217-2220.	13.7	21
15	Photoinduced Dihydroxylation of Alkenes with Diacetyl, Oxygen, and Water. <i>Helvetica Chimica Acta</i> , 2021, 104, e2000228.	1.6	6
16	Isomerization of Unprotected Aldoses to 2-Deoxyaldonic Acids Induced by Visible Light/Quinuclidine/Water-Soluble Iridium Complex in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1702-1704.	3.2	1
17	Dehydrative/Decarboxylative Coupling of Carboxylic Acids with Allylic Alcohols. <i>Chemistry Letters</i> , 2021, 50, 1030-1033.	1.3	1
18	Pd-Catalyzed Ring-Closing/Ring-Opening Cross Coupling Reactions: Enantioselective Diarylation of Unactivated Olefins. <i>ACS Catalysis</i> , 2021, 11, 8942-8947.	11.2	23

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19	Planar chiral 2-(trifluoromethyl)quinoline-fused ferrocenes via palladium(0)-catalyzed C-H functionalization of trifluoroacetimidoyl chlorides. <i>Green Synthesis and Catalysis</i> , 2021, 2, 311-314.	6.8	21
20	Photoinduced Carbamoylation of C(sp ³)-H Bonds with Isocyanates. <i>Chemistry Letters</i> , 2021, 50, 1684-1687.	1.3	6
21	Photodriven Dehydrogenative Homocoupling of Benzylic C-H Bonds Forming Strained C-C Bonds. <i>Synlett</i> , 2021, 32, 2067-2070.	1.8	6
22	Visible-Light-Driven Dehydrogenative Coupling of Primary Alcohols with Phenols Forming Aryl Carboxylates. <i>Organic Letters</i> , 2021, 23, 7683-7687.	4.6	10
23	Photoinduced Direct Addition of Alkylarenes to Imines. <i>Chemistry Letters</i> , 2021, 50, 1972-1974.	1.3	6
24	Photocatalytic Cycloaddition Reaction of Triarylphosphines with Alkynes Forming Cyclic Phosphonium Salts. <i>Chemistry Letters</i> , 2021, 50, 1691-1694.	1.3	5
25	Nickel-Catalyzed 1,3-Dienylation of 1,3-Dicarbonyl Compounds with Propargylic Carbonates. <i>Synlett</i> , 2021, 32, 1621-1624.	1.8	5
26	Photoinduced Reaction of Triarylphosphines with Alkenes Forming Fused Tricyclic Phosphonium Salts. <i>Organic Letters</i> , 2021, 23, 8445-8449.	4.6	6
27	How to explain an S _N 2 reaction?. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 1073-1076.	0.1	0
28	Synthesis, Structure, and Dynamics of Chiral Eight-Membered Cyclic Molecules with Thienylene and Cyclopropylene Units Alternately Connected. <i>Chemistry - A European Journal</i> , 2021, , .	3.3	1
29	C1 Oxidation/C2 Reduction Isomerization of Unprotected Aldoses Induced by Light/Ketone. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2755-2759.	13.8	33
30	Photoinduced Specific Acylation of Phenolic Hydroxy Groups with Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18267-18271.	13.8	30
31	Dehydrogenative Coupling of Benzylic and Aldehydic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 3366-3370.	13.7	110
32	Chiral Macrocycles Having C ₃ Symmetry Resulting from Orientation of Thiophene Rings. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20475-20479.	13.8	15
33	Chiral Macrocycles Having C ₃ Symmetry Resulting from Orientation of Thiophene Rings. <i>Angewandte Chemie</i> , 2020, 132, 20655-20659.	2.0	1
34	Photoinduced Specific Acylation of Phenolic Hydroxy Groups with Aldehydes. <i>Angewandte Chemie</i> , 2020, 132, 18424-18428.	2.0	5
35	Synthesis of Alkyl Sulfones from Alkenes and Tosylmethylphosphonium Iodide through Photo-promoted C-C Bond Formation. <i>Chemistry Letters</i> , 2020, 49, 1382-1385.	1.3	3
36	Degradation of Unprotected Aldohexonic Acids to Aldopentoses Promoted by Light and Oxygen. <i>Chemistry Letters</i> , 2020, 49, 1309-1311.	1.3	2

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37	Dehydrative Allylation of $\hat{\text{C}}(\text{sp}^3)\text{C}^{\text{H}}$ Bonds of Alkylamines with Allylic Alcohols. <i>Organic Letters</i> , 2020, 22, 4467-4470.	4.6	15
38	Dehydrative Allylation of 2-Alkylbenzophenones with Allylic Alcohols. <i>Chemistry Letters</i> , 2020, 49, 616-618.	1.3	4
39	C1 Oxidation/C2 Reduction Isomerization of Unprotected Aldoses Induced by Light/Ketone. <i>Angewandte Chemie</i> , 2020, 132, 2777-2781.	2.0	5
40	A One-Pot Reaction of $\hat{\text{C}}\text{-Imino}$ Rhodium Carbenoids and Halohydrins: Access to 2,6-Substituted Dihydro-2H-1,4-oxazines. <i>Organic Letters</i> , 2020, 22, 3490-3494.	4.6	19
41	Diastereo- and Enantioselective Synthesis of (E)- $\hat{\text{C}}\text{-Boryl}$ -Substituted anti-Homoallylic Alcohols in Two Steps from Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14620-14624.	13.8	37
42	Asymmetric Synthesis and Stereochemical Assignment of $\text{C}^{12}/\text{C}^{13}$ Isotopomers. <i>Journal of the American Chemical Society</i> , 2019, 141, 13341-13345.	13.7	20
43	Photo-assisted Fixation of CO_2 onto Aryl Bromides Producing Aromatic Esters. <i>Chemistry Letters</i> , 2019, 48, 1316-1318.	1.3	10
44	A Strained Vicinal Diol as a Reductant for Coupling of Organyl Halides. <i>Chemistry Letters</i> , 2019, 48, 1042-1045.	1.3	6
45	Synthesis of Tofisopam by Way of Photoinduced CO_2 Fixation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4189-4192.	3.3	5
46	Diastereo- and Enantioselective Synthesis of (E)- $\hat{\text{C}}\text{-Boryl}$ -Substituted anti-Homoallylic Alcohols in Two Steps from Terminal Alkynes. <i>Angewandte Chemie</i> , 2019, 131, 14762-14766.	2.0	12
47	Generation of Boron Aza-Enolates by a Nickel-catalyzed Reaction of Triazoles with Pinacolborane and Their Addition to Aldehydes. <i>Chemistry Letters</i> , 2019, 48, 965-967.	1.3	1
48	Preparation of $\text{Ni}(\text{cod})_2$ Using Light as the Source of Energy. <i>Organometallics</i> , 2019, 38, 1413-1416.	2.3	12
49	Synthesis of $\hat{\text{C}}\text{-Boryl}$ -Substituted Homoallylic Alcohols with anti Stereochemistry Based on a Double-Bond Transposition. <i>Angewandte Chemie</i> , 2019, 131, 1150-1154.	2.0	9
50	Cyclization Reaction of 4-Acyl-1-sulfonyl-1,2,3-triazoles Possessing Phenyl Rings through Generation of Electron-deficient Carbenoids. <i>Chemistry Letters</i> , 2019, 48, 510-512.	1.3	2
51	Photoinduced 1,2-Hydro(cyanomethylation) of Alkenes with a Cyanomethylphosphonium Ylide. <i>Synlett</i> , 2019, 30, 511-514.	1.8	2
52	Carboxylation of Benzylic and Aliphatic C^{H} Bonds with CO_2 Induced by Light/Ketone/Nickel. <i>Journal of the American Chemical Society</i> , 2019, 141, 19611-19615.	13.7	105
53	Light/Palladium-Promoted Benzylic C^{H} Acylation Using a Benzoyl Group as the Photo-Directing Group. <i>Chemistry - an Asian Journal</i> , 2019, 14, 403-406.	3.3	9
54	Synthesis of 2-Aryloxy-1,3-dienes from Phenols and Propargyl Carbonates. <i>Journal of the American Chemical Society</i> , 2019, 141, 84-88.	13.7	33

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55	Synthesis of β -Boryl-Substituted Homoallylic Alcohols with anti Stereochemistry Based on a Double-Bond Transposition. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1138-1142.	13.8	27
56	Photocatalyzed <i>ortho</i> -Alkylation of Pyridine <i>N</i> -Oxides through Alkene Cleavage. <i>Angewandte Chemie</i> , 2018, 130, 5233-5236.	2.0	28
57	Photocatalyzed <i>ortho</i> -Alkylation of Pyridine <i>N</i> -Oxides through Alkene Cleavage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5139-5142.	13.8	75
58	Enantioselective Denitrogenative Annulation of 1 H-Tetrazoles with Styrenes Catalyzed by Rhodium. <i>Angewandte Chemie</i> , 2018, 130, 5595-5598.	2.0	9
59	Site- and Regio-selective Incorporation of Carbon Dioxide into the C(sp ²)-Si Bond of Benzosilacyclobutenes. <i>Chemistry Letters</i> , 2018, 47, 570-572.	1.3	13
60	Synthetic Approach to Benzocyclobutenones Using Visible Light and a Phosphonate Auxiliary. <i>Organic Letters</i> , 2018, 20, 1224-1227.	4.6	12
61	Cluster Preface: C-C Activation. <i>Synlett</i> , 2018, 29, 716-716.	1.8	0
62	Enantioselective Denitrogenative Annulation of 1 H-Tetrazoles with Styrenes Catalyzed by Rhodium. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5497-5500.	13.8	29
63	Palladium-Catalyzed Dehydrogenative Coupling Reaction of Terminal Alkynes with Unactivated Alkenes. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 117-121.	1.4	6
64	Nickel-Catalyzed Denitrogenative Annulation of 1,2,3-Benzotriazin-4-ones with Benzynes for Construction of Phenanthridinone Scaffolds. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 284-289.	4.3	39
65	Synthesis of Fused and Linked Benzofurans from 2-Alkynylphenol Derivatives through Rhodium(I)-catalyzed Domino-type Addition Reactions. <i>Chimia</i> , 2018, 72, 888.	0.6	2
66	Synthesis of Elongated Esters from Alkenes. <i>Angewandte Chemie</i> , 2018, 130, 15681-15685.	2.0	0
67	Synthesis of Elongated Esters from Alkenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15455-15459.	13.8	27
68	Light/Copper Relay for Aerobic Fragmentation of Lignin Model Compounds. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2431-2434.	2.7	16
69	C-H/C-F functionalization by E-selective ruthenium (II) catalysis. <i>Journal of Catalysis</i> , 2018, 364, 14-18.	6.2	7
70	β -Arylsilacyclobutane as a Latent Carbanion Reacting with CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11399-11403.	13.8	21
71	β -Arylsilacyclobutane as a Latent Carbanion Reacting with CO ₂ . <i>Angewandte Chemie</i> , 2018, 130, 11569-11573.	2.0	9
72	Cooperation of a Nickel-Bipyridine Complex with Light for Benzylic C-H Arylation of Toluene Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 669-672.	2.7	33

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73	Synthesis of 2-Substituted 2-Amino Ketones by Rhodium-Catalyzed Reaction of <i>N</i> -Sulfonyl-1,2,3-triazoles with Alkenols. <i>Helvetica Chimica Acta</i> , 2017, 100, e1600320.	1.6	19
74	Synthesis of Enantiopure <i>C</i> ₃ -Symmetric Triangular Molecules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3334-3338.	13.8	29
75	Enantioselective Synthesis of <i>E</i> -Boryl-Substituted <i>anti</i> -Homoallylic Alcohols Using Palladium and a Chiral Phosphoric Acid. <i>Angewandte Chemie</i> , 2017, 129, 7093-7097.	2.0	30
76	Enantioselective Synthesis of <i>E</i> -Boryl-Substituted <i>anti</i> -Homoallylic Alcohols Using Palladium and a Chiral Phosphoric Acid. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6989-6993.	13.8	85
77	Photoinduced Cyclization of (o-Alkylbenzoyl)phosphonates to Benzocyclobutenols. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1905-1908.	3.3	6
78	A shortcut to molecular complexity. <i>Nature Chemistry</i> , 2017, 9, 298-299.	13.6	6
79	Synthesis of Enantiopure <i>C</i> ₃ -Symmetric Triangular Molecules. <i>Angewandte Chemie</i> , 2017, 129, 3382-3386.	2.0	9
80	Acceleration of Inward Ring Opening of 3-Phosphorylcyclobutenes. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 174-176.	2.7	3
81	Buttressing Salicylaldehydes: A Multipurpose Directing Group for C(sp ³)-H Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1073-1076.	13.8	125
82	Buttressing Salicylaldehydes: A Multipurpose Directing Group for C(sp ³)-H Bond Activation. <i>Angewandte Chemie</i> , 2017, 129, 1093-1096.	2.0	28
83	β -Scission of Alkoxy Radicals in Synthetic Transformations. <i>Chemistry Letters</i> , 2017, 46, 1692-1700.	1.3	101
84	Palladium-Catalyzed Intermolecular Exchange between C=C and C=Si σ -Bonds. <i>Journal of the American Chemical Society</i> , 2017, 139, 12414-12417.	13.7	102
85	Selective Functionalization of Aromatic C(sp ²)-H Bonds in the Presence of Benzylic C(sp ³)-H Bonds by Electron-Deficient Carbenoids Generated from 4-Acyl-1-sulfonyl-1,2,3-triazoles. <i>Angewandte Chemie</i> , 2017, 129, 16872-16876.	2.0	9
86	Selective Functionalization of Aromatic C(sp ²)-H Bonds in the Presence of Benzylic C(sp ³)-H Bonds by Electron-Deficient Carbenoids Generated from 4-Acyl-1-sulfonyl-1,2,3-triazoles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16645-16649.	13.8	50
87	Enantioselective Synthesis of <i>anti</i> -1,2-Oxaborinan-3-enes from Aldehydes and 1,1-Di(boryl)alk-3-enes Using Ruthenium and Chiral Phosphoric Acid Catalysts. <i>Journal of the American Chemical Society</i> , 2017, 139, 10903-10908.	13.7	86
88	A <i>syn</i> -Selective Aza-Aldol Reaction of Boron Aza-Enolates Generated from <i>N</i> -Sulfonyl-1,2,3-triazoles and 9-BBN. <i>Angewandte Chemie</i> , 2016, 128, 8874-8877.	2.0	7
89	A <i>syn</i> -Selective Aza-Aldol Reaction of Boron Aza-Enolates Generated from <i>N</i> -Sulfonyl-1,2,3-triazoles and 9-BBN. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8732-8735.	13.8	42
90	A Light/Ketone/Copper System for Carboxylation of Allylic C-H Bonds of Alkenes with CO ₂ . <i>Chemistry - A European Journal</i> , 2016, 22, 6524-6527.	3.3	131

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91	Potential of Metal-Catalyzed C–C Single Bond Cleavage for Organic Synthesis. <i>Journal of the American Chemical Society</i> , 2016, 138, 13759-13769.	13.7	281
92	Synthesis of Penta-2,4-dien-1-imines and 1,2-Dihydropyridines by Rhodium-Catalyzed Reaction of <i>N</i> -Sulfonyl-1,2,3-triazoles with 2-(Siloxy)furans. <i>Organic Letters</i> , 2016, 18, 6284-6287.	4.6	36
93	Asymmetric Synthesis of Cyclopropylmethanamines by Rhodium-catalyzed Cyclopropanation of Pinacol Allylboronate with <i>N</i> -Sulfonyl-1,2,3-triazoles. <i>Chemistry Letters</i> , 2016, 45, 1003-1005.	1.3	10
94	Aryl Ketones as Single-Electron-Transfer Photoredox Catalysts in the Nickel-Catalyzed Homocoupling of Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5822-5825.	2.4	31
95	Ruthenium-Catalyzed Cycloisomerization of 2,2-Diethynyl-biphenyls Involving Cleavage of a Carbon–Carbon Triple Bond. <i>Chemistry - A European Journal</i> , 2016, 22, 1941-1943.	3.3	30
96	Ring-opening Fluorination of Cyclobutanols and Cyclopropanols Catalyzed by Silver. <i>Chemistry Letters</i> , 2015, 44, 821-823.	1.3	69
97	Synthesis of $\hat{1}, \hat{2}, \hat{3}, \hat{1}$ -Unsaturated Imines from <i>N</i> -Sulfonyl-1,2,3-triazoles and Allenes through Rhodium-catalyzed Cyclopropanation and Thermal Rearrangement. <i>Chemistry Letters</i> , 2015, 44, 700-702.	1.3	16
98	Hydrogenolysis of 1-Alkoxybenzocyclobutenes with Site-selective Cleavage of the Sterically Hindered C(sp ²)–C(sp ³) Bond. <i>Chemistry Letters</i> , 2015, 44, 1521-1523.	1.3	9
99	A Reaction of Triazoles with Thioesters to Produce $\hat{2}$ -Sulfonyl Enamides by Insertion of an Enamine Moiety into the Sulfur–Carbon Bond. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9967-9970.	13.8	99
100	Rhodium-Catalyzed Dehydrogenative Borylation of Aliphatic Terminal Alkenes with Pinacolborane. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12659-12663.	13.8	57
101	Site-Selective Introduction of an Enamido Group at the C(3)-Position of Indoles. <i>Heterocycles</i> , 2015, 91, 1579.	0.7	21
102	Palladium-Catalyzed Intramolecular Insertion of Alkenes into the Carbon–Nitrogen Bond of $\hat{2}$ -Lactams. <i>Journal of the American Chemical Society</i> , 2015, 137, 8708-8711.	13.7	54
103	Thermal Reaction of 4-(<i>p</i> -Aminophenyl)-1-sulfonyl-1,2,3-triazoles Furnishing Benzoyl Cyanides through <i>N</i> -Sulfinyl Imine Intermediates. <i>Chemistry Letters</i> , 2015, 44, 967-969.	1.3	11
104	Facile Synthesis of 2,5-Disubstituted Thiazoles from Terminal Alkynes, Sulfonyl Azides, and Thioesters. <i>Organic Letters</i> , 2015, 17, 2454-2457.	4.6	100
105	Reactions of Alkynylboron Compounds. <i>Topics in Organometallic Chemistry</i> , 2015, , 93-116.	0.7	6
106	Enantioselective Construction of 3-Hydroxypiperidine Scaffolds by Sequential Action of Light and Rhodium upon <i>N</i> -Allyl glyoxylamides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7418-7421.	13.8	30
107	Light-Driven Carboxylation of <i>o</i> -Alkylphenyl Ketones with CO ₂ . <i>Journal of the American Chemical Society</i> , 2015, 137, 14063-14066.	13.7	205
108	Synthesis of Acylphosphonates by a Palladium-Catalyzed Phosphonocarbonylation Reaction of Aryl Iodides with Phosphites. <i>Chemistry - an Asian Journal</i> , 2015, 10, 321-324.	3.3	4

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109	Construction of tetralin skeletons based on rhodium-catalysed site-selective ring opening of benzocyclobutenols. <i>Chemical Communications</i> , 2015, 51, 1882-1885.	4.1	47
110	Development of New Synthetic Methods Based upon Carbon-Carbon Bond Activation. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2015, 73, 29-38.	0.1	3
111	Regioisomerism of 1,4-Dihydropyridines. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2015, 73, 315-318.		
112	Special Issue Celebrating 40 Years of the Mukaiyama Aldol Reaction: Introductory Remarks. <i>Chemical Record</i> , 2014, 14, 12-13.	5.8	0
113	Stereospecific ring expansion from orthocyclophanes with central chirality to metacyclophanes with planar chirality. <i>Nature Communications</i> , 2014, 5, 3111.	12.8	53
114	Intramolecular Dearomatizing [3 + 2] Annulation of $\hat{1}\pm$ -Imino Carbenoids with Aryl Rings Furnishing 3,4-Fused Indole Skeletons. <i>Journal of the American Chemical Society</i> , 2014, 136, 2272-2275.	13.7	214
115	Direct Production of Enaminones from Terminal Alkynes via Rhodium-Catalyzed Reaction of Formamides with <i>N</i> -Sulfonyl-1,2,3-triazoles. <i>Organic Letters</i> , 2014, 16, 2760-2763.	4.6	64
116	One-Pot Synthesis of 2,5-Dihydropyrroles from Terminal Alkynes, Azides, and Propargylic Alcohols by Relay Actions of Copper, Rhodium, and Gold. <i>Chemistry - A European Journal</i> , 2014, 20, 16078-16082.	3.3	56
117	The stereoselective synthesis of $\hat{1}\pm$ -amino aldols starting from terminal alkynes. <i>Chemical Communications</i> , 2014, 50, 10474-10477.	4.1	44
118	Synthesis of <i>trans</i> -Cycloalkenes via Enantioselective Cyclopropanation and Skeletal Rearrangement. <i>Journal of the American Chemical Society</i> , 2014, 136, 15905-15908.	13.7	84
119	Controlled release of sphingosine-1-phosphate agonist with gelatin hydrogels for macrophage recruitment. <i>Acta Biomaterialia</i> , 2014, 10, 4723-4729.	8.3	18
120	Asymmetric Synthesis of Planar Chiral Ferrocenes by Enantioselective Intramolecular C-H Arylation of <i>N</i> -(2-Haloaryl)ferrocenecarboxamides. <i>Organic Letters</i> , 2014, 16, 5336-5338.	4.6	109
121	sp^3 vs sp^2 C Site Selectivity in Rh-Catalyzed Ring Opening of Benzocyclobutenol: A DFT Study. <i>Journal of the American Chemical Society</i> , 2014, 136, 169-178.	13.7	69
122	Cleavage of C-C and C-Si σ -Bonds and Their Intramolecular Exchange. <i>Journal of the American Chemical Society</i> , 2014, 136, 5912-5915.	13.7	124
123	Construction of Homoallylic Alcohols from Terminal Alkynes and Aldehydes with Installation of <i>syn</i> -Stereochemistry. <i>Journal of the American Chemical Society</i> , 2014, 136, 6223-6226.	13.7	33
124	Enantioselective Insertion of a Carbenoid Carbon into a C-C Bond To Expand Cyclobutanols to Cyclopentanols. <i>Journal of the American Chemical Society</i> , 2014, 136, 7217-7220.	13.7	141
125	Enantioselective Synthesis of Anti Homoallylic Alcohols from Terminal Alkynes and Aldehydes Based on Concomitant Use of a Cationic Iridium Complex and a Chiral Phosphoric Acid. <i>Journal of the American Chemical Society</i> , 2013, 135, 11497-11500.	13.7	84
126	The Mukaiyama Aldol Reaction: 40 Years of Continuous Development. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9109-9118.	13.8	245

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128	Pyridine- \hat{D} Directed Palladium- \hat{C} Catalyzed Phosphonation of $C(sp^{sup}2 \langle /sup \rangle)$ - \hat{H} Bonds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9801-9804.	13.8	173
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