

Shunsuke Chiba

List of Publications by Year in descending order

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151
papers

8,285
citations

36303

51
h-index

53230

85
g-index

229
all docs

229
docs citations

229
times ranked

5594
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium(III)-Catalyzed Synthesis of Isoquinolines from Aryl Ketone <i>O</i> -Acyloxime Derivatives and Internal Alkynes. <i>Organic Letters</i> , 2010, 12, 5688-5691.	4.6	410
2	Synthesis of Isoquinolines from Aryl Vinyl Azides and Internal Alkynes by Rh-Cu Bimetallic Cooperation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5927-5931.	13.8	285
3	Mn(III)-Mediated Reactions of Cyclopropanols with Vinyl Azides: Synthesis of Pyridine and 2-Azabicyclo[3.3.1]non-2-en-1-ol Derivatives. <i>Journal of the American Chemical Society</i> , 2009, 131, 12570-12572.	13.7	268
4	Synthesis of Azaheterocycles from Aryl Ketone <i>O</i> -Acetyl Oximes and Internal Alkynes by Cu-Rh Bimetallic Relay Catalysts. <i>Journal of Organic Chemistry</i> , 2011, 76, 6159-6168.	3.2	227
5	Mn(III)-Mediated Formal [3+3]-Annulation of Vinyl Azides and Cyclopropanols: A Divergent Synthesis of Azaheterocycles. <i>Journal of the American Chemical Society</i> , 2011, 133, 6411-6421.	13.7	224
6	<i>sp</i> ³ C-H oxidation by remote H-radical shift with oxygen- and nitrogen-radicals: a recent update. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4051-4060.	2.8	221
7	Copper-Catalyzed Aerobic Aliphatic C-H Oxygenation Directed by an Amidine Moiety. <i>Journal of the American Chemical Society</i> , 2012, 134, 11980-11983.	13.7	204
8	Copper-Catalyzed Synthesis of Azaspirocyclohexadienones from Azido- <i>N</i> -arylamides under an Oxygen Atmosphere. <i>Journal of the American Chemical Society</i> , 2010, 132, 7266-7267.	13.7	202
9	Copper-Mediated Aerobic Synthesis of 3-Azabicyclo[3.1.0]hex-2-enes and 4-Carbonylpyrroles from <i>N</i> -Allyl/Propargyl Enamine Carboxylates. <i>Journal of the American Chemical Society</i> , 2011, 133, 13942-13945.	13.7	201
10	Synthesis of Polysubstituted <i>N</i> -H Pyrroles from Vinyl Azides and 1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2008, 10, 313-316.	4.6	177
11	Application of Organic Azides for the Synthesis of Nitrogen-Containing Molecules. <i>Synlett</i> , 2012, 2012, 21-44.	1.8	175
12	Copper-Catalyzed Aerobic [3+2]-Annulation of <i>N</i> -Alkenyl Amidines. <i>Journal of the American Chemical Society</i> , 2012, 134, 3679-3682.	13.7	173
13	Mn(III)-Catalyzed Synthesis of Pyrroles from Vinyl Azides and 1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2008, 10, 5019-5022.	4.6	157
14	Concerted Nucleophilic Aromatic Substitution Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16368-16388.	13.8	156
15	Copper-catalyzed oxidative carbon-heteroatom bond formation: a recent update. <i>Chemical Society Reviews</i> , 2016, 45, 4504-4523.	38.1	155
16	Copper-Catalyzed Synthesis of Phenanthridine Derivatives under an Oxygen Atmosphere Starting from Biaryl-2-carbonitriles and Grignard Reagents. <i>Organic Letters</i> , 2010, 12, 3682-3685.	4.6	135
17	PhI(OAc) ₂ -Mediated Radical Trifluoromethylation of Vinyl Azides with Me ₃ SiCF ₃ . <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1067-1071.	13.8	133
18	A Pd(II)-Catalyzed Ring-Expansion Reaction of Cyclic 2-Azidoalcohol Derivatives: Synthesis of Azaheterocycles. <i>Journal of the American Chemical Society</i> , 2009, 131, 12886-12887.	13.7	131

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19	Engaging Radicals in Transition Metal-Catalyzed Cross-Coupling with Alkyl Electrophiles: Recent Advances. <i>ACS Catalysis</i> , 2017, 7, 4697-4706.	11.2	130
20	TEMPO-Mediated Aliphatic C-H Oxidation with Oximes and Hydrazones. <i>Organic Letters</i> , 2013, 15, 3214-3217.	4.6	116
21	Generation of Iminyl Copper Species from $\hat{\pm}$ -Azido Carbonyl Compounds and Their Catalytic C-C Bond Cleavage under an Oxygen Atmosphere. <i>Organic Letters</i> , 2010, 12, 2052-2055.	4.6	114
22	Copper-Catalyzed Aliphatic C-H Amination with an Amidine Moiety. <i>Organic Letters</i> , 2013, 15, 212-215.	4.6	109
23	Application of Vinyl Azides in Chemical Synthesis: A Recent Update. <i>Journal of Organic Chemistry</i> , 2017, 82, 11981-11989.	3.2	106
24	Copper-Catalyzed Benzylic C-H Oxygenation under an Oxygen Atmosphere via $\langle i \rangle N \langle /i \rangle$ -H Imines as an Intramolecular Directing Group. <i>Organic Letters</i> , 2011, 13, 1622-1625.	4.6	100
25	Copper-Catalyzed Aerobic Intramolecular Carbo- and Amino-Oxygenation of Alkynes for Synthesis of Azaheterocycles. <i>Organic Letters</i> , 2012, 14, 2290-2292.	4.6	98
26	Cu-Rh Redox Relay Catalysts for Synthesis of Azaheterocycles via C-H Functionalization. <i>Chemistry Letters</i> , 2012, 41, 1554-1559.	1.3	95
27	Synthesis of ($\hat{\pm}$)-Sordarin. <i>Journal of the American Chemical Society</i> , 2006, 128, 6931-6937.	13.7	93
28	Copper-Mediated Oxidative Transformation of N-Allyl Enamine Carboxylates toward Synthesis of Azaheterocycles. <i>Journal of the American Chemical Society</i> , 2014, 136, 6011-6020.	13.7	91
29	Rh(II)-catalyzed Isomerization of 2-Aryl-2H-azirines to 2,3-Disubstituted Indoles. <i>Chemistry Letters</i> , 2007, 36, 52-53.	1.3	87
30	Generation of $\hat{2}$ -Keto Radicals from Cyclopropanols Catalyzed by AgNO ₃ . <i>Chemistry Letters</i> , 2006, 35, 18-19.	1.3	81
31	Amide Synthesis by Nucleophilic Attack of Vinyl Azides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4390-4394.	13.8	81
32	Synthesis of Polyfluoroalkyl Aza-Polycyclic Aromatic Hydrocarbons Enabled by Addition of Perfluoroalkyl Radicals onto Vinyl Azides. <i>Organic Letters</i> , 2014, 16, 4272-4275.	4.6	81
33	Hydrodehalogenation of Haloarenes by a Sodium Hydride-Iodide Composite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1840-1844.	13.8	81
34	Hydride Reduction by a Sodium Hydride-Iodide Composite. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3719-3723.	13.8	78
35	Anti-Markovnikov Hydrofunctionalization of Alkenes: Use of a Benzyl Group as a Traceless Redox-Active Hydrogen Donor. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11440-11444.	13.8	77
36	Copper-catalyzed redox-neutral C-H amination with amidoximes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 42-46.	2.8	76

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37	Nucleophilic Amination of Methoxy Arenes Promoted by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11807-11811.	13.8	75
38	Orthogonal Synthesis of Isoindole and Isoquinoline Derivatives from Organic Azides. <i>Organic Letters</i> , 2009, 11, 729-732.	4.6	73
39	Orthogonal synthesis of pyrroles and 1,2,3-triazoles from vinyl azides and 1,3-dicarbonyl compounds. <i>Tetrahedron</i> , 2011, 67, 7728-7737.	1.9	73
40	Copper-Catalyzed Aminooxygenation of <i>N</i> -Allylamidines with PhI(OAc) ₂ . <i>Organic Letters</i> , 2012, 14, 5342-5345.	4.6	71
41	Oxidative Radical Skeletal Rearrangement Induced by Molecular Oxygen: Synthesis of Quinazolinones. <i>Organic Letters</i> , 2013, 15, 2842-2845.	4.6	70
42	Polysulfide Anions as Visible Light Photoredox Catalysts for Aryl Cross-Couplings. <i>Journal of the American Chemical Society</i> , 2021, 143, 481-487.	13.7	63
43	CuO Nanoparticles Deposited on Nanoporous Polymers: A Recyclable Heterogeneous Nanocatalyst for Ullmann Coupling of Aryl Halides with Amines in Water. <i>Scientific Reports</i> , 2015, 5, 8294.	3.3	62
44	Diastereoselective Aminooxygenation and Diamination of Alkenes with Amidines by Hypervalent Iodine(III) Reagents. <i>Organic Letters</i> , 2014, 16, 6136-6139.	4.6	61
45	Chemical conversion of β-O-4 lignin linkage models through Cu-catalyzed aerobic amide bond formation. <i>Chemical Communications</i> , 2013, 49, 11439.	4.1	60
46	Synthesis of Primary Amines by the Electrophilic Amination of Grignard Reagents with 1,3-Dioxolan-2-one O-Sulfonyloxime. <i>Organic Letters</i> , 2004, 6, 4619-4621.	4.6	59
47	Amide-Directed C-H Sulfonation by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6544-6547.	13.8	58
48	Synthesis of 1-Azaazulenes from Cycloheptatrienylmethyl Ketone O-Pentafluorobenzoyloximes by Palladium-Catalyzed Cyclization and Oxidation. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 785-796.	3.2	57
49	Copper-Catalyzed Aerobic Spirocyclization of Biaryl- <i>N</i> -H-imines via 1,4-Aminooxygenation of Benzene Rings. <i>Organic Letters</i> , 2012, 14, 3550-3553.	4.6	55
50	Tf ₂ NH-Catalyzed Amide Synthesis from Vinyl Azides and Alcohols. <i>Organic Letters</i> , 2015, 17, 3138-3141.	4.6	55
51	Transition-Metal-Free Reductive Functionalization of Tertiary Carboxamides and Lactams for β-Branched Amine Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11903-11907.	13.8	54
52	Gold(I)-catalyzed 6-endo-dig azide-alkyne cyclization: efficient access to 2H-1,3-oxazines. <i>Chemical Communications</i> , 2017, 53, 736-739.	4.1	52
53	Inorganic-Biased Mediated Hydroamination of Alkenyl Oximes for the Synthesis of Cyclic Nitrones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1959-1962.	13.8	47
54	Early controlled release of peroxisome proliferator-activated receptor γ agonist GW501516 improves diabetic wound healing through redox modulation of wound microenvironment. <i>Journal of Controlled Release</i> , 2015, 197, 138-147.	9.9	47

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55	Palladium-Catalyzed Synthesis of 1-Azaazulenes from Cycloheptatrienylmethyl Ketone O-Pentafluorobenzoyl Oximes. <i>Chemistry Letters</i> , 2002, 31, 606-607.	1.3	45
56	Copper-Catalyzed Aerobic Methyl/Methylene Oxygenation and C-H Formylation with a DABCO-DMSO System for the Synthesis of Carbonyl Indoles and Pyrroles. <i>Synthesis</i> , 2012, 44, 1526-1534.	2.3	44
57	Understanding the Origins of Nucleophilic Hydride Reactivity of a Sodium Hydride/Iodide Composite. <i>Chemistry - A European Journal</i> , 2016, 22, 7108-7114.	3.3	44
58	Synthesis of Primary Amines and N-Methylamines by the Electrophilic Amination of Grignard Reagents with 2-Imidazolidinone O-Sulfonyloxime. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1063-1070.	3.2	42
59	Cu-Catalyzed Aerobic Molecular Transformation of Imine and Enamine Derivatives for Synthesis of Azaheterocycles. <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 1400-1411.	3.2	42
60	Controlled Reduction of Carboxamides to Alcohols or Amines by Zinc Hydrides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4992-4997.	13.8	42
61	Orthogonal aerobic conversion of N-benzyl amidoximes to 1,2,4-oxadiazoles or quinazolinones. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6003.	2.8	41
62	Site-Specific Dual Functionalization of Cysteine Residue in Peptides and Proteins with 2-Azidoacrylates. <i>Bioconjugate Chemistry</i> , 2017, 28, 897-902.	3.6	41
63	A CuBr-mediated aerobic reaction of 2-alkynylbenzaldehydes and primary amines: synthesis of 4-bromoisoquinolones. <i>Chemical Communications</i> , 2012, 48, 7634.	4.1	40
64	Reductive Functionalization of Carboxamides: A Recent Update. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1339-1349.	3.2	40
65	Mn(III)-Catalyzed Radical Reactions of 1,3-Dicarbonyl Compounds and Cyclopropanols with Vinyl Azides for Divergent Synthesis of Azaheterocycles. <i>Chimia</i> , 2012, 66, 377.	0.6	36
66	Construction of 1-pyrroline skeletons by Lewis acid-mediated conjugate addition of vinyl azides. <i>Chemical Communications</i> , 2016, 52, 2473-2476.	4.1	36
67	Nucleophilic amination of methoxypyridines by a sodium hydride/iodide composite. <i>Chemical Communications</i> , 2018, 54, 10324-10327.	4.1	35
68	Formal [4+2] Annulation of Vinyl Azides with α,β -Unsaturated Aldimines. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2458-2462.	3.3	33
69	Leveraging of Sulfur Anions in Photoinduced Molecular Transformations. <i>JACS</i> , 2021, 143, 2121-2129.	7.9	33
70	Aluminium triflate-catalysed regioselective cycloisomerisation of non-activated unsaturated oximes. <i>Tetrahedron Letters</i> , 2008, 49, 2384-2387.	1.4	31
71	Nucleophilic substitution reaction at an sp^2 carbon of vinyl halides with an intramolecular thiol moiety: synthesis of thio-heterocycles. <i>Tetrahedron</i> , 2009, 65, 6888-6902.	1.9	31
72	Rhodium(III)-Catalyzed Synthesis of Pyridines from α,β -Unsaturated Ketoximes and Internal Alkynes. <i>Synlett</i> , 2011, 2011, 2789-2794.	1.8	31

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73	Hydride Reduction by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie</i> , 2016, 128, 3783-3787.	2.0	29
74	anti-Selective aminofluorination of alkenes with amidines mediated by hypervalent iodine(iii) reagents. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5481-5485.	2.8	29
75	TEMPO-mediated allylic C-H amination with hydrazones. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4567-4570.	2.8	28
76	Selective deletion of PPAR γ in fibroblasts causes dermal fibrosis by attenuated LRG1 expression. <i>Cell Discovery</i> , 2018, 4, 15.	6.7	28
77	Reduction of <i>N,N</i> -Dimethylcarboxamides to Aldehydes by Sodium Hydride/Iodide Composite. <i>Helvetica Chimica Acta</i> , 2018, 101, e1800049.	1.6	28
78	Linking of Alcohols with Vinyl Azides. <i>Organic Letters</i> , 2016, 18, 992-995.	4.6	27
79	Synthesis of hetero- and carbocycles by nucleophilic substitution at sp ² carbon. <i>Tetrahedron</i> , 2007, 63, 5940-5953.	1.9	26
80	Diamine-Catalyzed Conjugate Addition to Acrylate Derivatives. <i>Organic Letters</i> , 2011, 13, 2948-2951.	4.6	26
81	Concise Synthesis and Two-Photon-Excited Deep-Blue Emission of 1,8-Diazapyrenes. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2090-2095.	3.3	26
82	Dearylation of arylphosphine oxides using a sodium hydride/iodide composite. <i>Chemical Communications</i> , 2018, 54, 1782-1785.	4.1	26
83	Konzertierte nukleophile aromatische Substitutionen. <i>Angewandte Chemie</i> , 2019, 131, 16518-16540.	2.0	26
84	Alkyl Ethers as Traceless Hydride Donors in Brønsted Acid Catalyzed Intramolecular Hydrogen Atom Transfer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6181-6185.	13.8	25
85	Unique Fluorescent Imaging Probe for Bacterial Surface Localization and Resistant Enzyme Imaging. <i>ACS Chemical Biology</i> , 2018, 13, 1890-1896.	3.4	24
86	Hydromagnesiation of 1,3-Enynes by Magnesium Hydride for Synthesis of Tri- and Tetra-substituted Allenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 217-221.	13.8	24
87	Pd(II)-catalyzed synthesis of indoles from α -aryloxime O-pentafluorobenzoates via intramolecular aromatic C-H amination. <i>Tetrahedron</i> , 2010, 66, 5692-5700.	1.9	23
88	Synthesis of (\pm)-Sordaricin. <i>Chemistry Letters</i> , 2004, 33, 942-943.	1.3	22
89	Hydrodehalogenation of Haloarenes by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie</i> , 2017, 129, 1866-1870.	2.0	22
90	Nucleophilic Amination of Methoxy Arenes Promoted by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie</i> , 2017, 129, 11969-11973.	2.0	22

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91	Anti-Markovnikov hydroarylation of alkenes <i>via</i> polysulfide anion photocatalysis. <i>Chemical Communications</i> , 2021, 57, 6264-6267.	4.1	22
92	Copper-catalyzed aerobic aliphatic C-H oxygenation with hydroperoxides. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1217-1225.	2.2	21
93	Degenerative xanthate transfer to olefins under visible-light photocatalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 3047-3058.	2.2	21
94	Transition-Metal-Free Reductive Functionalization of Tertiary Carboxamides and Lactams for β -Branched Amine Synthesis. <i>Angewandte Chemie</i> , 2020, 132, 12001-12005.	2.0	21
95	Intramolecular nucleophilic substitution at an sp ² carbon: synthesis of substituted thiazoles and imidazole-2-thiones. <i>Tetrahedron Letters</i> , 2009, 50, 3161-3163.	1.4	20
96	Cu(II)-Mediated Aminooxygenation of Alkenylimines and Alkenylamidines with TEMPO. <i>Synlett</i> , 2012, 23, 1657-1661.	1.8	18
97	Formal [4 + 1]- and [5 + 1]-Annulation by an S _N 2 Conjugate Addition Sequence: Stereoselective Synthesis of Highly Substituted Carbocycles. <i>Organic Letters</i> , 2012, 14, 2826-2829.	4.6	18
98	Nucleophilic substitution at an sp ² carbon of vinyl halides with an intramolecular thiolate moiety: synthesis of 2-alkylidenethietanes. <i>Tetrahedron Letters</i> , 2008, 49, 4125-4129.	1.4	17
99	Diastereo-Divergent Synthesis of Saturated Azaheterocycles Enabled by <i>t</i> -BuOK-Mediated Hydroamination of Alkenyl Hydrazones. <i>Chemistry - A European Journal</i> , 2015, 21, 19112-19118.	3.3	17
100	Synthesis and Structures of β -Extended [<i>n</i>]Cyclo- <i>para</i> -phenylenes (<i>n</i> = 12, 16, 20) Containing <i>n</i> /2 Nitrogen Atoms. <i>Chemistry Letters</i> , 2016, 45, 658-660.	1.3	17
101	Anti-Markovnikov Hydrofunctionalization of Alkenes: Use of a Benzyl Group as a Traceless Redox-Active Hydrogen Donor. <i>Angewandte Chemie</i> , 2017, 129, 11598-11602.	2.0	17
102	The Role of PPAR γ in Melanoma Metastasis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2860.	4.1	17
103	Stereo-controlled <i>anti</i> -hydromagnesiation of aryl alkynes by magnesium hydrides. <i>Chemical Science</i> , 2020, 11, 5267-5272.	7.4	17
104	Copper-Catalyzed Aerobic C-C Bond Cleavage of Lactols with <i>N</i> -Hydroxy Phthalimide for Synthesis of Lactones. <i>Chemistry - an Asian Journal</i> , 2015, 10, 873-877.	3.3	16
105	Glycopeptide antibiotic analogs for selective inactivation and two-photon imaging of vancomycin-resistant strains. <i>Chemical Communications</i> , 2016, 52, 4667-4670.	4.1	15
106	Amide-Directed C-H Sodiation by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie</i> , 2017, 129, 6644-6647.	2.0	15
107	Synthesis of Tricyclic Marine Alkaloids, Cylindricines, Lepadiformines, Fascicularin, and Polycitorols: A Recent Update. <i>Synthesis</i> , 2018, 50, 685-699.	2.3	14
108	Biaryl Cross-Coupling Enabled by Photo-Induced Electron Transfer. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2223-2231.	4.3	14

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109	Estrogen exacerbates mammary involution through neutrophil-dependent and -independent mechanism. <i>ELife</i> , 2020, 9, .	6.0	14
110	[3+2] Annulation of Donor-acceptor Cyclopropanes with Vinyl Azides. <i>Synlett</i> , 2017, 28, 1091-1095.	1.8	13
111	Photoinduced Cross-Coupling of Aryl Iodides with Alkenes. <i>Organic Letters</i> , 2021, 23, 427-432.	4.6	13
112	Hydroamination of alkenyl N-arylhydrazones mediated by t-BuOK for the synthesis of nitrogen heterocycles. <i>Organic Chemistry Frontiers</i> , 2016, 3, 609-613.	4.5	12
113	Diastereoselective Intramolecular Hydride Transfer Triggered by Electrophilic Halogenation of Aryl Alkenes. <i>Organic Letters</i> , 2019, 21, 9179-9182.	4.6	12
114	Diastereoselective Intramolecular Hydride Transfer under Brønsted Acid Catalysis. <i>Organic Letters</i> , 2019, 21, 2298-2301.	4.6	12
115	Generation of organo-alkaline earth metal complexes from non-polar unsaturated molecules and their synthetic applications. <i>Chemical Science</i> , 2021, 13, 27-38.	7.4	12
116	Synthesis of β -tertiary amines by polysulfide anions photocatalysis via single-electron transfer and hydrogen atom transfer in relays. <i>Chem Catalysis</i> , 2022, 2, 1128-1142.	6.1	12
117	Revisiting the Chichibabin Reaction: C2 Amination of Pyridines with a NaH/Iodide Composite. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1058-1060.	2.7	11
118	Synthetic Organic Reactions Mediated by Sodium Hydride. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2019, 77, 1060-1069.	0.1	11
119	One-pot Synthesis of Enantioenriched β -amino Secondary Amides via an Enantioselective [4+2] Cycloaddition Reaction of Vinyl Azides with α -acyl Imines Catalyzed by a Chiral Brønsted Acid. <i>Chemistry - A European Journal</i> , 2020, 26, 8230-8234.	3.3	11
120	Controlled Reduction of Nitriles by Sodium Hydride and Zinc Chloride. <i>Synthesis</i> , 2020, 52, 1369-1378.	2.3	11
121	Copper-catalyzed oxidative molecular transformation of amidines for synthesis of nitrogen heterocycles. <i>Tetrahedron Letters</i> , 2016, 57, 3678-3683.	1.4	10
122	Concerted Nucleophilic Substitution Reactions at Vinylic Carbons. <i>Synlett</i> , 2009, 2009, 2549-2564.	1.8	9
123	PhI(OAc) ₂ -mediated iminobromination for synthesis of bromomethyl cyclic imines starting from alkenyl carbonitriles and Grignard reagents. <i>Tetrahedron</i> , 2011, 67, 590-596.	1.9	9
124	Copper-catalyzed aerobic radical C-C bond cleavage of N-H ketimines. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1933-1943.	2.2	9
125	Mechanistic Insights on Reduction of Carboxamides by Diisobutylaluminum Hydride and Sodium Hydride/Iodide Composite. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900166.	1.6	9
126	Synthesis of β -alkynyl nitrones via Hydromagnesiation of 1,3-Enynes with Magnesium Hydride. <i>Organic Letters</i> , 2021, 23, 5060-5064.	4.6	9

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127	Iterative addition of carbon nucleophiles to N,N-dialkyl carboxamides for synthesis of $\hat{1}\pm$ -tertiary amines. <i>Chemical Science</i> , 2021, 13, 99-104.	7.4	9
128	Manganese(III)-Catalyzed Formal [3+2] Annulation of Vinyl Azides and $\hat{1}^2$ -Keto Acids for Synthesis of Pyrroles. <i>Synlett</i> , 2011, 2011, 783-786.	1.8	8
129	Synthesis of Fascicularin. <i>Organic Letters</i> , 2016, 18, 3506-3508.	4.6	7
130	Hydromagnesiation of 1,3-Enynes by Magnesium Hydride for Synthesis of Tri- and Tetra-substituted Allenes. <i>Angewandte Chemie</i> , 2021, 133, 219-223.	2.0	6
131	Alkyl Ethers as Traceless Hydride Donors in Brønsted Acid Catalyzed Intramolecular Hydrogen Atom Transfer. <i>Angewandte Chemie</i> , 2018, 130, 6289-6293.	2.0	5
132	Use of a benzyl ether as a traceless hydrogen donor in the anti-Markovnikov hydrofunctionalization of alkenes with xanthates. <i>Chemical Communications</i> , 2018, 54, 7535-7538.	4.1	5
133	Controlled Reduction of Carboxamides to Alcohols or Amines by Zinc Hydrides. <i>Angewandte Chemie</i> , 2019, 131, 5046-5051.	2.0	5
134	Copper(II)-Catalyzed Synthesis of Pyrazinones from $\hat{1}\pm$ -Azido-N-allylamides under an Oxygen Atmosphere. <i>Synlett</i> , 2011, 2011, 2167-2170.	1.8	4
135	Leaving Group Ability in Nucleophilic Aromatic Amination by Sodium Hydride-Lithium Iodide Composite. <i>Synthesis</i> , 2020, 52, 393-398.	2.3	4
136	Synthetic Methods for Nitrogen-Containing Molecules from Organic Azides. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011, 69, 789-801.	0.1	4
137	Synthesis of Isoindoles via 1,3-Dipolar Cycloaddition of $\hat{1}\pm$ -Azido Carbonyl Compounds onto Intramolecular Alkenes and Their Conversion into Substituted Aromatic Hydrocarbons. <i>Synthesis</i> , 2011, 2011, 3552-3562.	2.3	3
138	Interception of enamine intermediates in reductive functionalization of lactams by sodium hydride: Synthesis of 2-cyano-3-iodo piperidines and pyrrolidines. <i>Tetrahedron</i> , 2022, 114, 132779.	1.9	3
139	Diastereoselective hydroalkylation of aryl alkenes enabled by Remote hydride transfer. <i>Tetrahedron</i> , 2020, 76, 131272.	1.9	2
140	Synthesis of (-)-Sordarin. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2007, 65, 450-459.	0.1	2
141	Electron Transfer Quenching of Rhodamine 6G by N-Methylpyrrole Is an Unproductive Process in the Photocatalytic Heterobiaryl Cross-Coupling Reaction. <i>Journal of Physical Chemistry B</i> , 2021, 125, 8550-8557.	2.6	1
142	Hydroalkylation of Styrenes with Benzylamines by Potassium Hydride. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100120.	1.6	1
143	Sodium and Potassium Complexes in Organic Synthesis. , 2022, , 57-77.		1
144	Synthesis of Primary Amines and N-Methylamines by the Electrophilic Amination of Grignard Reagents with 2-Imidazolidinone O-Sulfonyloxime.. <i>ChemInform</i> , 2003, 34, no.	0.0	0

#	ARTICLE	IF	CITATIONS
145	Synthesis of 1-Azaazulenes from Cycloheptatrienylmethyl Ketone O-Pentafluorobenzoyloximes by Palladium-Catalyzed Cyclization and Oxidation.. ChemInform, 2004, 35, no.	0.0	0
146	Synthesis of Primary Amines by the Electrophilic Amination of Grignard Reagents with 1,3-Dioxolan-2-one O-Sulfonyloxime.. ChemInform, 2005, 36, no.	0.0	0
147	Metal-Mediated Oxidative Radical Processes for the Synthesis of Heterocycles. Topics in Heterocyclic Chemistry, 2018, , 231-252.	0.2	0
148	gem-Difluorinative 1,2-azide migration of vinyl azides enables an expedient synthesis of β -difluoroalkyl azides. Science China Chemistry, 2020, 63, 1019-1020.	8.2	0
149	1.8 Nitrogen-Centered Radicals. , 2021, , .		0
150	Organic Synthetic Reactions by Using Polynuclear Ruthenium Complexes. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2006, 64, 969-970.	0.1	0
151	Illuminating aryl cross-coupling with copper. , 2022, 1, 339-340.		0