

# Hideki Yorimitsu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cobalt-Catalyzed Heck-Type Reaction of Alkyl Halides with Styrenes. <i>Journal of the American Chemical Society</i> , 2002, 124, 6514-6515.	14.2	247
2	Cobalt-Catalyzed Tandem Radical Cyclization and Cross-Coupling Reaction: Its Application to Benzyl-Substituted Heterocycles. <i>Journal of the American Chemical Society</i> , 2001, 123, 5374-5375.	14.2	212
3	Powerful Solvent Effect of Water in Radical Reaction: Triethylborane-Induced Atom-Transfer Radical Cyclization in Water. <i>Journal of the American Chemical Society</i> , 2000, 122, 11041-11047.	14.2	211
4	Nickel-Catalyzed Carboxylation of Organozinc Reagents with CO <sub>2</sub> . <i>Organic Letters</i> , 2008, 10, 2681-2683.	4.9	204
5	Cobalt-Catalyzed Trimethylsilylmagnesium-Promoted Radical Alkenylation of Alkyl Halides: A Complement to the Heck Reaction. <i>Journal of the American Chemical Society</i> , 2006, 128, 8068-8077.	14.2	202
6	Recent Progress in Asymmetric Allylic Substitutions Catalyzed by Chiral Copper Complexes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4435-4439.	14.5	199
7	Cobalt-Catalyzed Coupling Reaction of Alkyl Halides with Allylic Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4137-4139.	14.5	187
8	Cobalt(diamine)-Catalyzed Cross-coupling Reaction of Alkyl Halides with Arylmagnesium Reagents: Stereoselective Constructions of Arylated Asymmetric Carbons and Application to Total Synthesis of AH13205. <i>Journal of the American Chemical Society</i> , 2006, 128, 1886-1889.	14.2	171
9	Metal-Free Approach to Biaryls from Phenols and Aryl Sulfoxides by Temporarily Sulfur-Tethered Regioselective C-H/C-H Coupling. <i>Journal of the American Chemical Society</i> , 2016, 138, 14582-14585.	14.2	157
10	Stereoselective Hydrothiolation of Alkynes Catalyzed by Cesium Base: Facile Access to (Z)-1-Alkenyl Sulfides. <i>Journal of Organic Chemistry</i> , 2005, 70, 6468-6473.	3.4	149
11	Synthesis of 3-Trifluoromethylbenzo[ <i>b</i> ]furans from Phenols via Direct <i>ortho</i> Functionalization by Extended Pummerer Reaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 11838-11840.	14.2	144
12	Palladium-Catalyzed Direct Arylation of Aryl(azaaryl)methanes with Aryl Halides Providing Triarylmethanes. <i>Organic Letters</i> , 2007, 9, 2373-2375.	4.9	143
13	Cobalt-Catalyzed Cross-Coupling Reactions of Alkyl Halides with Allylic and Benzylic Grignard Reagents and Their Application to Tandem Radical Cyclization/Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2004, 10, 5640-5648.	3.6	142
14	Cobalt-Mediated Cross-Coupling Reactions of Primary and Secondary Alkyl Halides with 1-(Trimethylsilyl)ethenyl- and 2-Trimethylsilylethynylmagnesium Reagents. <i>Organic Letters</i> , 2006, 8, 3093-3096.	4.9	141
15	Copper-Catalyzed anti-Hydrophosphination Reaction of 1-Alkynylphosphines with Diphenylphosphine Providing (Z)-1,2-Diphosphino-1-alkenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 4099-4104.	14.2	123
16	Triethylborane-Mediated Atom Transfer Radical Cyclization Reaction in Water. <i>Journal of Organic Chemistry</i> , 1998, 63, 8604-8605.	3.4	121
17	Palladium-Assisted Aromatic Metamorphosis of Dibenzothiophenes into Triphenylenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7162-7166.	14.5	120
18	Iridium-Catalyzed Regio- and Enantioselective Hydroarylation of Alkenyl Ethers by Olefin Isomerization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5607-5611.	14.5	113

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19	Nickel-Catalyzed $\text{I}^2$ -Boration of $\text{I}^2$ -Unsaturated Esters and Amides with Bis(pinacolato)diboron. <i>Organic Letters</i> , 2007, 9, 5031-5033.	4.9	112
20	Triethylborane-Induced Bromine Atom-Transfer Radical Addition in Aqueous Media: A Study of the Solvent Effect on Radical Addition Reactions. <i>Journal of Organic Chemistry</i> , 2001, 66, 7776-7785.	3.4	110
21	Microwave-Assisted Palladium-Catalyzed Direct Arylation of 1,4-Disubstituted 1,2,3-Triazoles with Aryl Chlorides. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1430-1435.	3.5	110
22	Asymmetric Alkylation of <i>N</i> -Sulfonylbenzamides with Vinyl Ethers via C-H Bond Activation Catalyzed by Hydroxo-iridium/Chiral Diene Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 4010-4013.	14.2	110
23	Photoredox-Catalyzed Site-Selective $\text{sp}^3\text{-H}$ Alkylation of Primary Amine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4002-4006.	14.5	110
24	Palladium-Catalyzed Stereo- and Regiospecific Allylation of Aryl Halides with Homoallyl Alcohols via Retro-Allylation: A Selective Generation and Use of $\eta^3$ -Allylpalladium. <i>Journal of the American Chemical Society</i> , 2006, 128, 2210-2211.	14.2	109
25	New synthetic reactions catalyzed by cobalt complexes. <i>Pure and Applied Chemistry</i> , 2006, 78, 441-449.	1.6	109
26	Cascades of Interrupted Pummerer Reaction-Sigmatropic Rearrangement. <i>Chemical Record</i> , 2017, 17, 1156-1167.	6.3	109
27	Practical, Modular, and General Synthesis of Benzofurans through Extended Pummerer Annulation/Cross-Coupling Strategy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7510-7513.	14.5	108
28	Palladium-Catalyzed 2-Pyridylmethyl Transfer from 2-(2-Pyridyl)ethanol Derivatives to Organic Halides by Chelation-Assisted Cleavage of Unstrained Csp <sup>3</sup> -Csp <sup>3</sup> Bonds. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2643-2645.	14.5	107
29	Selective deposition of a gadolinium(III) cluster in a hole opening of single-wall carbon nanohorn. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8527-8530.	7.3	106
30	Palladium-Catalyzed Amination of Aryl Sulfides with Anilines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9329-9333.	14.5	103
31	Palladium-Catalyzed Cross-Coupling Reaction of Organoindiums with Aryl Halides in Aqueous Media. <i>Organic Letters</i> , 2001, 3, 1997-1999.	4.9	102
32	Cobalt-catalyzed cross-coupling reactions of alkyl halides with aryl Grignard reagents and their application to sequential radical cyclization/cross-coupling reactions. <i>Tetrahedron</i> , 2006, 62, 2207-2213.	2.0	101
33	In Vivo Magnetic Resonance Imaging of Single-Walled Carbon Nanohorns by Labeling with Magnetite Nanoparticles. <i>Advanced Materials</i> , 2006, 18, 1010-1014.	23.5	101
34	Allyl-, Allenyl-, and Propargyl-Transfer Reactions through Cleavage of C-C Bonds Catalyzed by an N-Heterocyclic Carbene/Copper Complex: Synthesis of Multisubstituted Pyrroles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3294-3298.	14.5	99
35	Disulfidation of Alkynes and Alkenes with Gallium Trichloride. <i>Organic Letters</i> , 2004, 6, 601-603.	4.9	98
36	Recent development of ortho-C-H functionalization of aryl sulfoxides through [3,3] sigmatropic rearrangement. <i>Tetrahedron Letters</i> , 2018, 59, 2951-2959.	1.5	98

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37	Cobalt-Catalyzed Intramolecular Heck-Type Reaction of 6-Halo-1-hexene Derivatives. <i>Organic Letters</i> , 2002, 4, 2257-2259.	4.9	97
38	Trans-Hydrometalation of Alkynes by a Combination of InCl <sub>3</sub> and DIBAL-H: One-Pot Access to Functionalized (Z)-Alkenes. <i>Organic Letters</i> , 2002, 4, 2993-2995.	4.9	95
39	N-Heterocyclic Carbene Ligands in Cobalt-Catalyzed Sequential Cyclization/Cross-Coupling Reactions of 6-Halo-1-hexene Derivatives with Grignard Reagents. <i>Organic Letters</i> , 2007, 9, 1565-1567.	4.9	95
40	Synthetic Radical Reactions in Aqueous Media. <i>Synlett</i> , 2002, 2002, 0674-0686.	1.7	93
41	C–S Bond Activation. <i>Topics in Current Chemistry</i> , 2018, 376, 13.	6.1	93
42	Palladium-Catalyzed Borylation of Aryl Sulfoniums with Diborons. <i>ACS Catalysis</i> , 2018, 8, 579-583.	11.6	89
43	Regiocontrolled Palladium-Catalyzed Arylative Cyclizations of Alkynols. <i>Journal of the American Chemical Society</i> , 2014, 136, 6255-6258.	14.2	88
44	Reaction of 2-(2,2-Trifluoroethylidene)-1,3-dithiane 1-Oxide with Ketones under Pummerer Conditions and Its Application to the Synthesis of 3-Trifluoromethyl-5-Substituted Five-Membered Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2340-2343.	14.5	87
45	2-(2,2,2-Trifluoroethylidene)-1,3-dithiane Monoxide as a Trifluoromethylketene Equivalent. <i>Organic Letters</i> , 2009, 11, 2185-2188.	4.9	84
46	Oxidative Fusion Reactions of meso-(Diarylamino)porphyrins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9728-9732.	14.5	84
47	Metal-Mediated Retro-Allylation of Homoallyl Alcohols for Highly Selective Organic Synthesis. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 778-792.	3.3	82
48	Synthesis of (E)-1,2-Diphosphanylene Derivatives from Alkynes by Radical Addition of Tetraorganodiphosphane Generated In Situ. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1694-1696.	14.5	81
49	Pd(OAc) <sub>2</sub> /P(cC <sub>6</sub> H <sub>11</sub> ) <sub>3</sub> -Catalyzed Allylation of Aryl Halides with Homoallyl Alcohols via Retro-Allylation. <i>Journal of the American Chemical Society</i> , 2007, 129, 4463-4469.	14.2	81
50	Silver-Catalyzed Benzylolation and Allylation Reactions of Tertiary and Secondary Alkyl Halides with Grignard Reagents. <i>Organic Letters</i> , 2008, 10, 969-971.	4.9	80
51	Synthesis of Aziridines by Palladium-Catalyzed Reactions of Allylamines with Aryl and Alkenyl Halides: Evidence of a <i>syn</i> -Carboamination Pathway. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7224-7226.	14.5	80
52	Transition-Metal-Free Synthesis of Carbazoles and Indoles by an S <sub>N</sub> Ar-Based Aromatic Metamorphosis of Thiaarenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10234-10238.	14.5	80
53	Nickel-Catalyzed Regio- and Stereoselective Silylation of Terminal Alkenes with Silacyclobutanes: Facile Access to Vinylsilanes from Alkenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 6094-6095.	14.2	79
54	Organometallic Approaches for Direct Modification of Peripheral C–H Bonds in Porphyrin Cores. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 356-373.	2.8	79

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55	Triethylborane-Mediated Hydrogallation and Hydroindation: A Novel Access to Organogalliums and Organoindiums. <i>Journal of Organic Chemistry</i> , 2003, 68, 6627-6631.	3.4	78
56	Boron trifluoride-catalyzed reaction of alkyl fluoride with silyl enolate, allylsilane, and hydrosilane. <i>Tetrahedron Letters</i> , 2004, 45, 2555-2557.	1.5	78
57	Synthesis of Benzo[ <i>b</i> ]thiophenes by Cyclization of Arylketene Dithioacetal Monoxides under Pummerer-like Conditions. <i>Organic Letters</i> , 2007, 9, 5573-5576.	4.9	77
58	Palladium-Catalyzed anti-Hydrothiolation of 1-Alkynylphosphines. <i>Organic Letters</i> , 2007, 9, 1383-1385.	4.9	76
59	Asymmetrische allylische Substitution mit chiralen Kupferkomplexen als Katalysatoren. <i>Angewandte Chemie</i> , 2005, 117, 4509-4513.	2.0	75
60	Recent advances in transition-metal-catalyzed intermolecular carbomagnesiation and carbozincation. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 278-302.	2.4	75
61	Rhodium-Catalyzed Allyl Transfer from Homoallyl Alcohols to Aldehydes via Retro-Allylation Followed by Isomerization into Ketones. <i>Organic Letters</i> , 2006, 8, 2515-2517.	4.9	74
62	Cobalt-Catalyzed Regioselective Dehydrohalogenation of Alkyl Halides with Dimethylphenylsilylmethylmagnesium Chloride. <i>Journal of the American Chemical Society</i> , 2008, 130, 11276-11277.	14.2	74
63	Nickel-Catalyzed Boron Insertion into the C2=O Bond of Benzofurans. <i>Journal of the American Chemical Society</i> , 2016, 138, 15315-15318.	14.2	74
64	Triethylborane-Induced Radical Reaction with Schwartz Reagent. <i>Journal of the American Chemical Society</i> , 2001, 123, 3137-3138.	14.2	73
65	Synthesis of Ultrafine Gd <sub>2</sub> O <sub>3</sub> Nanoparticles Inside Single-Wall Carbon Nanohorns. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5179-5181.	2.7	73
66	Straightforward access to aryl-substituted tetrahydrofulvenes by palladium-catalyzed direct C-H arylation and their photophysical and electrochemical properties. <i>Chemical Science</i> , 2011, 2, 1017-1027.	7.8	73
67	Synthesis of a Library of Fluorescent 2-Aryl-3-trifluoromethylnaphthofurans from Naphthols by Using a Sequential Pummerer Annulation/Cross-Coupling Strategy and their Photophysical Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 12690-12697.	3.6	72
68	Radical Reaction by a Combination of Phosphinic Acid and a Base in Aqueous Media. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 225-235.	3.3	71
69	Chromium-Catalyzed Arylmagnesiation of Alkynes. <i>Organic Letters</i> , 2007, 9, 1569-1571.	4.9	71
70	Cobalt-catalyzed Cross-coupling Reaction of Chloropyridines with Grignard Reagents. <i>Chemistry Letters</i> , 2004, 33, 1240-1241.	1.4	70
71	Aromatic metamorphosis: conversion of an aromatic skeleton into a different ring system. <i>Chemical Communications</i> , 2017, 53, 4055-4065.	4.3	70
72	Synthesis of Bulky Phosphines by Rhodium-Catalyzed Formal [2 + 2 + 2] Cycloaddition Reactions of Tethered Dienes with 1-Alkynylphosphine Sulfides. <i>Journal of the American Chemical Society</i> , 2007, 129, 6996-6997.	14.2	69

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73	Synthesis of Epoxides by Palladium-Catalyzed Reactions of Tertiary Allyl Alcohols with Aryl or Alkenyl Halides. <i>Journal of the American Chemical Society</i> , 2009, 131, 2052-2053.	14.2	69
74	Facile Preparation of $\hat{\text{I}}^2$ -Haloporphyrins as Useful Precursors of $\hat{\text{I}}^2$ -Substituted Porphyrins. <i>Organic Letters</i> , 2014, 16, 972-975.	4.9	69
75	Triethylborane-Induced Radical Reactions with Gallium Hydride Reagent HGaCl <sub>2</sub> . <i>Organic Letters</i> , 2001, 3, 1853-1855.	4.9	68
76	Cobalt-Catalyzed syn Hydrophosphination of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2368-2370.	14.5	66
77	Cobalt- and rhodium-catalyzed cross-coupling reaction of allylic ethers and halides with organometallic reagents. <i>Tetrahedron</i> , 2006, 62, 1410-1415.	2.0	64
78	Highly planar diarylamine-fused porphyrins and their remarkably stable radical cations. <i>Chemical Science</i> , 2017, 8, 189-199.	7.8	64
79	Synthesis of (Arylalkenyl)silanes by Palladium-Catalyzed Regiospecific and Stereoselective Allyl Transfer from Silyl-Substituted Homoallyl Alcohols to Aryl Halides. <i>Journal of the American Chemical Society</i> , 2007, 129, 12650-12651.	14.2	63
80	Nickel-Catalyzed Borylative Ring-Opening Reaction of Vinylcyclopropanes with Bis(pinacolato)diboron Yielding Allylic Boronates. <i>Organic Letters</i> , 2008, 10, 4677-4679.	4.9	63
81	Synthesis of Spirocyclic Diarylfluorenes by One-Pot Twofold S <sub>N</sub> Ar Reactions of Diaryl Sulfones with Diarylmethanes. <i>Organic Letters</i> , 2016, 18, 384-387.	4.9	63
82	Radical Phosphination of Organic Halides and Alkyl Imidazole-1-carbothioates. <i>Journal of the American Chemical Society</i> , 2006, 128, 4240-4241.	14.2	61
83	Cobalt-Catalyzed Isomerization of 1-Alkenes to (E)-2-Alkenes with Dimethylphenylsilylmethylmagnesium Chloride and Its Application to the Stereoselective Synthesis of (E)-Alkenylsilanes. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1078-1083.	3.5	61
84	Cobalt-Catalyzed Arylzincation of Alkynes. <i>Organic Letters</i> , 2009, 11, 2373-2375.	4.9	61
85	Regioselective C-H Sulfanylation of Aryl Sulfoxides by Means of Pummerer-Type Activation. <i>Organic Letters</i> , 2017, 19, 4552-4555.	4.9	61
86	Cobalt-Catalyzed Coupling Reaction of Alkyl Halides with Allylic Grignard Reagents. <i>Angewandte Chemie</i> , 2002, 114, 4311-4313.	2.0	60
87	Zinc-Catalyzed Nucleophilic Substitution Reaction of Chlorosilanes with Organomagnesium Reagents. <i>Journal of Organic Chemistry</i> , 2009, 74, 1415-1417.	3.4	60
88	Homolytic substitution at phosphorus for C-P bond formation in organic synthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1269-1277.	2.4	60
89	Radical Alkenylation of $\hat{\text{I}}^{\pm}$ -Halo Carbonyl Compounds with Alkenylindiums. <i>Organic Letters</i> , 2004, 6, 4555-4558.	4.9	57
90	Nickel-Catalyzed Alkylation of Aldehydes with Trialkylboranes. <i>Organic Letters</i> , 2005, 7, 4689-4691.	4.9	57

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91	Palladium-Catalyzed Benzylic Arylation of <i>N</i> -Benzylxanthone Imine. <i>Organic Letters</i> , 2008, 10, 4689-4691.	4.9	57
92	Cobalt-Mediated Mizoroki-Heck-Type Reaction of Epoxide with Styrene. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1631-1634.	4.5	56
93	Radical Cyclization Reaction Using a Combination of Phosphinic Acid and a Base in Aqueous Ethanol. <i>Chemistry Letters</i> , 2000, 29, 104-105.	1.4	55
94	Nickel-Catalyzed Reactions of Silacyclobutanes with Aldehydes: Ring Opening and Ring Expansion Reaction. <i>Organic Letters</i> , 2006, 8, 483-485.	4.9	54
95	Palladium-Catalyzed Formal Cycloaddition of Silacyclobutanes with Enones: Synthesis of Eight-Membered Cyclic Silyl Enolates. <i>Organic Letters</i> , 2008, 10, 2199-2201.	4.9	54
96	Effective meso Fabrications of Subporphyrins. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5593-5597.	14.5	54
97	Palladium-Catalyzed Preparation of Silyl Enolates from $\alpha,\beta$ -Unsaturated Ketones or Cyclopropyl Ketones with Hydrosilanes. <i>Journal of Organic Chemistry</i> , 2009, 74, 7986-7989.	3.4	53
98	Spontaneous Formation of an Air-Stable Radical upon the Direct Fusion of Diphenylmethane to a Triarylporphyrin. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8711-8714.	14.5	53
99	Silver-Catalyzed Transmetalation between Chlorosilanes and Aryl and Alkenyl Grignard Reagents for the Synthesis of Tetraorganosilanes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5833-5835.	14.5	52
100	Directly Diphenylborane-Fused Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3196-3199.	14.5	51
101	Carbon Materials with Zigzag and Armchair Edges. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 40710-40739.	8.3	51
102	Nickel-Catalyzed Allylation of Allyl Carbonates with Homoallyl Alcohols via Retro-Allylation Providing 1,5-Hexadienes. <i>Organic Letters</i> , 2008, 10, 1629-1632.	4.9	50
103	Ni-Catalyzed Carboxylation of $C(sp^2)$ S Bonds with $CO_2$ : Evidence for the Multifaceted Role of Zn. <i>ACS Catalysis</i> , 2020, 10, 2117-2123.	11.6	50
104	Triethylborane-induced radical reactions with gallium- and indium hydrides. <i>Tetrahedron</i> , 2003, 59, 6627-6635.	2.0	49
105	Synthesis of Arylallenes by Palladium-Catalyzed Retro-Propargylation of Homopropargyl Alcohols. <i>Journal of the American Chemical Society</i> , 2008, 130, 5048-5049.	14.2	49
106	Cross-coupling of Aryl Sulfides Powered by $N$ -Heterocyclic Carbene Ligands. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2016, 74, 1119-1127.	0.1	49
107	Palladium-Catalyzed <i>ipso</i> -Borylation of Aryl Sulfides with Diborons. <i>Organic Letters</i> , 2016, 18, 2966-2969.	4.9	49
108	Sigmatropic Rearrangements of Hypervalent Iodine-Tethered Intermediates for the Synthesis of Biaryls. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4663-4667.	14.5	49

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109	Iridium-Catalyzed Direct Hydroarylation of Glycols via C-H Activation: Ligand-Controlled Stereoselective Synthesis of $\beta$ - and $\gamma$ -Glycosyl Arenes. <i>ACS Catalysis</i> , 2019, 9, 1347-1352.	11.6	49
110	Radical addition of 2-iodoalkanamide or 2-iodoalkanoic acid to alkenols using a water-soluble radical initiator in water. A facile synthesis of $\beta$ -lactones. <i>Tetrahedron Letters</i> , 1999, 40, 519-522.	1.5	48
111	Radical Addition of 2-Iodoalkanamide or 2-Iodoalkanoic Acid to Alkenes with a Water-Soluble Radical Initiator in Aqueous Media: Facile Synthesis of $\beta$ -Lactones. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 1963-1970.	3.3	48
112	Selective H/D Exchange at Vinyl and Methylidene Groups with $D_2O$ Catalyzed by an Iridium Complex. <i>Organic Letters</i> , 2016, 18, 3674-3677.	4.9	48
113	Nucleophilic aromatic substitution reaction of nitroarenes with alkyl- or arylthio groups in dimethyl sulfoxide by means of cesium carbonate. <i>Tetrahedron</i> , 2006, 62, 2357-2360.	2.0	47
114	Asymmetric hydroarylation of vinyl ethers catalyzed by a hydroxoiridium complex: azoles as effective directing groups. <i>Chemical Communications</i> , 2017, 53, 2760-2763.	4.3	47
115	Cobalt-catalyzed sequential cyclization/cross-coupling reactions of 6-halo-1-hexene derivatives with Grignard reagents and their application to the synthesis of 1,3-diols. <i>Tetrahedron</i> , 2007, 63, 8609-8618.	2.0	46
116	Copper-Catalyzed Reaction of Alkyl Halides with Cyclopentadienylmagnesium Reagent. <i>Organic Letters</i> , 2008, 10, 2545-2547.	4.9	46
117	Palladium-Catalyzed $\beta$ -Selective Direct Arylation of Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8867-8870.	14.5	46
118	Palladium-Catalyzed Cross-Coupling of Unactivated Aryl Sulfides with Arylzinc Reagents under Mild Conditions. <i>Chemistry - A European Journal</i> , 2014, 20, 13146-13149.	3.6	46
119	Hydroxoiridium-Catalyzed Hydroalkylation of Terminal Alkenes with Ureas by $C(sp^3)^{\sim}H$ Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7200-7204.	14.5	46
120	meso, $\beta$ -Oligohaloporphyrins as Useful Synthetic Intermediates of Diphenylamine-Fused Porphyrin and meso, $\beta$ -Doubly Butadiene-Bridged Diporphyrin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6311-6314.	14.5	45
121	Triethylborane-induced radical allylation of $\beta$ -halo carbonyl compounds with allylgallium reagent in aqueous media. <i>Tetrahedron Letters</i> , 2001, 42, 4535-4538.	1.5	43
122	Cobalt-Catalyzed Allylic Substitution Reaction of Allylic Ethers with Phenyl and Trimethylsilylmethyl Grignard Reagents. <i>Chemistry Letters</i> , 2004, 33, 832-833.	1.4	43
123	Synthesis of Alkylidenecyclopropanes by Palladium-Catalyzed Reaction of Propargyl-Substituted Malonate Esters with Aryl Halides by Anti-carbopalladation Pathway. <i>Journal of the American Chemical Society</i> , 2011, 133, 9682-9685.	14.2	42
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