Hideki Yorimitsu

List of Publications by Year
in descending order

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425	16,179	13827	39575
papers	citations	67 h-index	94 g-index

642	642	642	7969
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cobalt-Catalyzed Heck-Type Reaction of Alkyl Halides with Styrenes. Journal of the American Chemical Society, 2002, 124, 6514-6515.	6.6	247
2	Cobalt-Catalyzed Tandem Radical Cyclization and Cross-Coupling Reaction:Â Its Application to Benzyl-Substituted Heterocycles. Journal of the American Chemical Society, 2001, 123, 5374-5375.	6.6	212
3	Powerful Solvent Effect of Water in Radical Reaction:â€‰ Triethylborane-Induced Atom-Transfer Radical Cyclization in Water. Journal of the American Chemical Society, 2000, 122, 11041-11047.	6.6	211
4	Nickel-Catalyzed Carboxylation of Organozinc Reagents with CO₂. Organic Letters, 2008, 10, 2681-2683.	2.4	204
5	Cobalt-Catalyzed Trimethylsilylmethylmagnesium-Promoted Radical Alkenylation of Alkyl Halides:Â A Complement to the Heck Reaction. Journal of the American Chemical Society, 2006, 128, 8068-8077.	6.6	202
6	Recent Progress in Asymmetric Allylic Substitutions Catalyzed by Chiral Copper Complexes. Angewandte Chemie - International Edition, 2005, 44, 4435-4439.	7.2	199
7	Cobalt-Catalyzed Coupling Reaction of Alkyl Halides with Allylic Grignard Reagents. Angewandte Chemie - International Edition, 2002, 41, 4137-4139.	7.2	187
8	Cobalt(diamine)-Catalyzed Cross-coupling Reaction of Alkyl Halides with Arylmagnesium Reagents:Â Stereoselective Constructions of Arylated Asymmetric Carbons and Application to Total Synthesis of AH13205. Journal of the American Chemical Society, 2006, 128, 1886-1889.	6.6	171
9	Metal-Free Approach to Biaryls from Phenols and Aryl Sulfoxides by Temporarily Sulfur-Tethered Regioselective Câ€“H/Câ€“H Coupling. Journal of the American Chemical Society, 2016, 138, 14582-14585.	6.6	157
10	Stereoselective Hydrothiolation of Alkynes Catalyzed by Cesium Base:Â Facile Access to (Z)-1-Alkenyl Sulfides. Journal of Organic Chemistry, 2005, 70, 6468-6473.	1.7	149
11	Synthesis of 3-Trifluoromethylbenzo[b]furans from Phenols via Direct Ortho Functionalization by Extended Pummerer Reaction. Journal of the American Chemical Society, 2010, 132, 11838-11840.	6.6	144
12	Palladium-Catalyzed Direct Arylation of Aryl(azaaryl)methanes with Aryl Halides Providing Triarylmethanes. Organic Letters, 2007, 9, 2373-2375.	2.4	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. Chemistry - A European Journal, 2004, 10, 5640-5648.	1.7	142
14	Cobalt-Mediated Cross-Coupling Reactions of Primary and Secondary Alkyl Halides with 1-(Trimethylsilyl)ethenyl- and 2-Trimethylsilylethynylmagnesium Reagents. Organic Letters, 2006, 8, 3093-3096.	2.4	141
15	Copper-Catalyzed anti-Hydrophosphination Reaction of 1-Alkynylphosphines with Diphenylphosphine Providing (Z)-1,2-Diphosphino-1-alkenes. Journal of the American Chemical Society, 2007, 129, 4099-4104.	6.6	123
16	Triethylborane-Mediated Atom Transfer Radical Cyclization Reaction in Water. Journal of Organic Chemistry, 1998, 63, 8604-8605.	1.7	121
17	Palladiumâ€Assisted â€œAromatic Metamorphosisâ€•of Dibenzothiophenes into Triphenylenes. Angewandte Chemie - International Edition, 2015, 54, 7162-7166.	7.2	120
18	Iridiumâ€Catalyzed Regioâ€•and Enantioselective Hydroarylation of Alkenyl Ethers by Olefin Isomerization. Angewandte Chemie - International Edition, 2017, 56, 5607-5611.	7.2	113

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19	Nickel-Catalyzed Î²-Boration of Î±,Î²-Unsaturated Esters and Amides with Bis(pinacolato)diboron. Organic Letters, 2007, 9, 5031-5033.	2.4	112
20	Triethylborane-Induced Bromine Atom-Transfer Radical Addition in Aqueous Media:Â Study of the Solvent Effect on Radical Addition Reactions. Journal of Organic Chemistry, 2001, 66, 7776-7785.	1.7	110
21	Microwaveâ€Assisted Palladiumâ€Catalyzed Direct Arylation of 1,4â€Disubstituted 1,2,3â€Triazoles with Aryl Chlorides. Chemistry - an Asian Journal, 2007, 2, 1430-1435.	1.7	110
22	Asymmetric Alkylation of N-Sulfonylbenzamides with Vinyl Ethers via Câ€“H Bond Activation Catalyzed by Hydroxoiridium/Chiral Diene Complexes. Journal of the American Chemical Society, 2016, 138, 4010-4013.	6.6	110
23	Photoredoxâ€Catalyzed Siteâ€Selective Î±â€C(sp³)â^'H Alkylation of Primary Amine Derivatives. Angewandte Chemie - International Edition, 2019, 58, 4002-4006.	7.2	110
24	Palladium-Catalyzed Stereo- and Regiospecific Allylation of Aryl Halides with Homoallyl Alcohols via Retro-Allylation:Â Selective Generation and Use of Ï*f*-Allylpalladium. Journal of the American Chemical Society, 2006, 128, 2210-2211.	6.6	109
25	New synthetic reactions catalyzed by cobalt complexes. Pure and Applied Chemistry, 2006, 78, 441-449.	0.9	109
26	Cascades of Interrupted Pummerer Reactionâ€Sigmatropic Rearrangement. Chemical Record, 2017, 17, 1156-1167.	2.9	109
27	Practical, Modular, and General Synthesis of Benzofurans through Extended Pummerer Annulation/Crossâ€Coupling Strategy. Angewandte Chemie - International Edition, 2014, 53, 7510-7513.	7.2	108
28	Palladium-Catalyzed 2-Pyridylmethyl Transfer from 2-(2-Pyridyl)ethanol Derivatives to Organic Halides by Chelation-Assisted Cleavage of Unstrained Csp3ï£¿Csp3 Bonds. Angewandte Chemie - International Edition, 2007, 46, 2643-2645.	7.2	107
29	Selective deposition of a gadolinium(III) cluster in a hole opening of single-wall carbon nanohorn. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8527-8530.	3.3	106
30	Palladiumâ€Catalyzed Amination of Aryl Sulfides with Anilines. Angewandte Chemie - International Edition, 2014, 53, 9329-9333.	7.2	103
31	Palladium-Catalyzed Cross-Coupling Reaction of Organoindiums with Aryl Halides in Aqueous Media. Organic Letters, 2001, 3, 1997-1999.	2.4	102
32	Cobalt-catalyzed cross-coupling reactions of alkyl halides with aryl Grignard reagents and their application to sequential radical cyclization/cross-coupling reactions. Tetrahedron, 2006, 62, 2207-2213.	1.0	101
33	In Vivo Magnetic Resonance Imaging of Single-Walled Carbon Nanohorns by Labeling with Magnetite Nanoparticles. Advanced Materials, 2006, 18, 1010-1014.	11.1	101
34	Allylâ€, Allenylâ€, and Propargylâ€Transfer Reactions through Cleavage of Cï£¿C Bonds Catalyzed by an Nâ€Heterocyclic Carbene/Copper Complex: Synthesis of Multisubstituted Pyrroles. Angewandte Chemie - International Edition, 2011, 50, 3294-3298.	7.2	99
35	Disulfidation of Alkynes and Alkenes with Gallium Trichloride. Organic Letters, 2004, 6, 601-603.	2.4	98
36	Recent development of ortho -Câ€“H functionalization of aryl sulfoxides through [3,3] sigmatropic rearrangement. Tetrahedron Letters, 2018, 59, 2951-2959.	0.7	98

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37	Cobalt-Catalyzed Intramolecular Heck-Type Reaction of 6-Halo-1-hexene Derivatives. Organic Letters, 2002, 4, 2257-2259.	2.4	97
38	Trans-Hydrometalation of Alkynes by a Combination of InCl3and DIBAL-H:â€‰ One-Pot Access to Functionalized(Z)-Alkenes. Organic Letters, 2002, 4, 2993-2995.	2.4	95
39	N-Heterocyclic Carbene Ligands in Cobalt-Catalyzed Sequential Cyclization/Cross-Coupling Reactions of 6-Halo-1-hexene Derivatives with Grignard Reagents. Organic Letters, 2007, 9, 1565-1567.	2.4	95
40	Synthetic Radical Reactions in Aqueous Media. Synlett, 2002, 2002, 0674-0686.	1.0	93
41	Câ€“S Bond Activation. Topics in Current Chemistry, 2018, 376, 13.	3.0	93
42	Palladium-Catalyzed Borylation of Aryl Sulfoniums with Diborons. ACS Catalysis, 2018, 8, 579-583.	5.5	89
43	Regiocontrolled Palladium-Catalyzed Arylative Cyclizations of Alkynols. Journal of the American Chemical Society, 2014, 136, 6255-6258.	6.6	88
44	Reaction of 2â€(2,2,2â€Trifluoroethylidene)â€1,3â€dithiane 1â€Oxide with Ketones under Pummerer Conditions and Its Application to the Synthesis of 3â€Trifluoromethylâ€Substituted Fiveâ€Membered Heteroarenes. Angewandte Chemie - International Edition, 2010, 49, 2340-2343.	7.2	87
45	2-(2,2,2-Trifluoroethylidene)-1,3-dithiane Monoxide as a Trifluoromethylketene Equivalent. Organic Letters, 2009, 11, 2185-2188.	2.4	84
46	Oxidative Fusion Reactions of mesoâ€(Diarylamino)porphyrins. Angewandte Chemie - International Edition, 2013, 52, 9728-9732.	7.2	84
47	Metal-Mediated Retro-Allylation of Homoallyl Alcohols for Highly Selective Organic Synthesis. Bulletin of the Chemical Society of Japan, 2009, 82, 778-792.	2.0	82
48	Synthesis of (E)-1,2-Diphosphanylethene Derivatives from Alkynes by Radical Addition of Tetraorganodiphosphane Generated In Situ. Angewandte Chemie - International Edition, 2005, 44, 1694-1696.	7.2	81
49	Pd(OAc)2/P(cC6H11)3-Catalyzed Allylation of Aryl Halides with Homoallyl Alcohols via Retro-Allylation. Journal of the American Chemical Society, 2007, 129, 4463-4469.	6.6	81
50	Silver-Catalyzed Benzylation and Allylation Reactions of Tertiary and Secondary Alkyl Halides with Grignard Reagents. Organic Letters, 2008, 10, 969-971.	2.4	80
51	Synthesis of Aziridines by Palladiumâ€Catalyzed Reactions of Allylamines with Aryl and Alkenyl Halides: Evidence of a synâ€Carboamination Pathway. Angewandte Chemie - International Edition, 2009, 48, 7224-7226.	7.2	80
52	Transitionâ€Metalâ€Free Synthesis of Carbazoles and Indoles by an S_NArâ€Based â€œAromatic Metamorphosisâ€• of Thiaarenes. Angewandte Chemie - International Edition, 2015, 54, 10234-10238.	7.2	80
53	Nickel-Catalyzed Regio- and Stereoselective Silylation of Terminal Alkenes with Silacyclobutanes:Â Facile Access to Vinylsilanes from Alkenes. Journal of the American Chemical Society, 2007, 129, 6094-6095.	6.6	79
54	Organometallic Approaches for Direct Modification of Peripheral Cï£¿H Bonds in Porphyrin Cores. Asian Journal of Organic Chemistry, 2013, 2, 356-373.	1.3	79

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55	Triethylborane-Mediated Hydrogallation and Hydroindation:Â Novel Access to Organogalliums and Organoindiums. Journal of Organic Chemistry, 2003, 68, 6627-6631.	1.7	78
56	Boron trifluoride-catalyzed reaction of alkyl fluoride with silyl enolate, allylsilane, and hydrosilane. Tetrahedron Letters, 2004, 45, 2555-2557.	0.7	78
57	Synthesis of Benzo[b]thiophenes by Cyclization of Arylketene Dithioacetal Monoxides under Pummerer-like Conditions. Organic Letters, 2007, 9, 5573-5576.	2.4	77
58	Palladium-Catalyzedanti-Hydrothiolation of 1-Alkynylphosphines. Organic Letters, 2007, 9, 1383-1385.	2.4	76
59	Recent advances in transition-metal-catalyzed intermolecular carbomagnesiation and carbozincation. Beilstein Journal of Organic Chemistry, 2013, 9, 278-302.	1.3	75
60	Rhodium-Catalyzed Allyl Transfer from Homoallyl Alcohols to Aldehydes via Retro-Allylation Followed by Isomerization into Ketones. Organic Letters, 2006, 8, 2515-2517.	2.4	74
61	Cobalt-Catalyzed Regioselective Dehydrohalogenation of Alkyl Halides with Dimethylphenylsilylmethylmagnesium Chloride. Journal of the American Chemical Society, 2008, 130, 11276-11277.	6.6	74
62	Nickel-Catalyzed Boron Insertion into the C2â€“O Bond of Benzofurans. Journal of the American Chemical Society, 2016, 138, 15315-15318.	6.6	74
63	Triethylborane-Induced Radical Reaction with Schwartz Reagent. Journal of the American Chemical Society, 2001, 123, 3137-3138.	6.6	73
64	Synthesis of Ultrafine Gd2O3Nanoparticles Inside Single-Wall Carbon Nanohorns. Journal of Physical Chemistry B, 2006, 110, 5179-5181.	1.2	73
65	Straightforward access to aryl-substituted tetrathiafulvalenes by palladium-catalysed direct Câ€“H arylation and their photophysical and electrochemical properties. Chemical Science, 2011, 2, 2017.	3.7	73
66	Synthesis of a Library of Fluorescent 2â€Arylâ€3â€trifluoromethylnaphthofurans from Naphthols by Using a Sequential Pummererâ€Annulation/Crossâ€Coupling Strategy and their Photophysical Properties. Chemistry - A European Journal, 2012, 18, 12690-12697.	1.7	72
67	Radical Reaction by a Combination of Phosphinic Acid and a Base in Aqueous Media. Bulletin of the Chemical Society of Japan, 2001, 74, 225-235.	2.0	71
68	Chromium-Catalyzed Arylmagnesiation of Alkynes. Organic Letters, 2007, 9, 1569-1571.	2.4	71
69	Cobalt-catalyzed Cross-coupling Reaction of Chloropyridines with Grignard Reagents. Chemistry Letters, 2004, 33, 1240-1241.	0.7	70
70	Aromatic metamorphosis: conversion of an aromatic skeleton into a different ring system. Chemical Communications, 2017, 53, 4055-4065.	2.2	70
71	Synthesis of Bulky Phosphines by Rhodium-Catalyzed Formal [2 + 2 + 2] Cycloaddition Reactions of Tethered Diynes with 1-Alkynylphosphine Sulfides. Journal of the American Chemical Society, 2007, 129, 6996-6997.	6.6	69
72	Synthesis of Epoxides by Palladium-Catalyzed Reactions of Tertiary Allyl Alcohols with Aryl or Alkenyl Halides. Journal of the American Chemical Society, 2009, 131, 2052-2053.	6.6	69

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73	Facile Preparation of Î²-Haloporphyrins as Useful Precursors of Î²-Substituted Porphyrins. Organic Letters, 2014, 16, 972-975.	2.4	69
74	Triethylborane-Induced Radical Reactions with Gallium Hydride Reagent HGaCl2. Organic Letters, 2001, 3, 1853-1855.	2.4	68
75	Cobalt-Catalyzedsyn Hydrophosphination of Alkynes. Angewandte Chemie - International Edition, 2005, 44, 2368-2370.	7.2	66
76	Cobalt- and rhodium-catalyzed cross-coupling reaction of allylic ethers and halides with organometallic reagents. Tetrahedron, 2006, 62, 1410-1415.	1.0	64
77	Highly planar diarylamine-fused porphyrins and their remarkably stable radical cations. Chemical Science, 2017, 8, 189-199.	3.7	64
78	Synthesis of (Arylalkenyl)silanes by Palladium-Catalyzed Regiospecific and Stereoselective Allyl Transfer from Silyl-Substituted Homoallyl Alcohols to Aryl Halides. Journal of the American Chemical Society, 2007, 129, 12650-12651.	6.6	63
79	Nickel-Catalyzed Borylative Ring-Opening Reaction of Vinylcyclopropanes with Bis(pinacolato)diboron Yielding Allylic Boronates. Organic Letters, 2008, 10, 4677-4679.	2.4	63
80	Synthesis of Spirocyclic Diarylfluorenes by One-Pot Twofold S_NAr Reactions of Diaryl Sulfones with Diarylmethanes. Organic Letters, 2016, 18, 384-387.	2.4	63
81	Radical Phosphination of Organic Halides and Alkyl Imidazole-1-carbothioates. Journal of the American Chemical Society, 2006, 128, 4240-4241.	6.6	61
82	Cobaltâ€Catalyzed Isomerization of 1â€Alkenes to (E)â€2â€Alkenes with Dimethylphenylsilylmethylmagnesium Chloride and Its Application to the Stereoselective Synthesis of (E)â€Alkenylsilanes. Chemistry - an Asian Journal, 2009, 4, 1078-1083.	1.7	61
83	Cobalt-Catalyzed Arylzincation of Alkynes. Organic Letters, 2009, 11, 2373-2375.	2.4	61
84	Regioselective Câ€“H Sulfanylation of Aryl Sulfoxides by Means of Pummerer-Type Activation. Organic Letters, 2017, 19, 4552-4555.	2.4	61
85	Cobalt-Catalyzed Coupling Reaction of Alkyl Halides with Allylic Grignard Reagents. Angewandte Chemie, 2002, 114, 4311-4313.	1.6	60
86	Zinc-Catalyzed Nucleophilic Substitution Reaction of Chlorosilanes with Organomagnesium Reagents. Journal of Organic Chemistry, 2009, 74, 1415-1417.	1.7	60
87	Homolytic substitution at phosphorus for Câ€“P bond formation in organic synthesis. Beilstein Journal of Organic Chemistry, 2013, 9, 1269-1277.	1.3	60
88	Radical Alkenylation of Î±-Halo Carbonyl Compounds with Alkenylindiums. Organic Letters, 2004, 6, 4555-4558.	2.4	57
89	Nickel-Catalyzed Alkylation of Aldehydes with Trialkylboranes. Organic Letters, 2005, 7, 4689-4691.	2.4	57
90	Palladium-Catalyzed Benzylic Arylation of N-Benzylxanthone Imine. Organic Letters, 2008, 10, 4689-4691.	2.4	57

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91	Cobalt-Mediated Mizoroki-Heck-Type Reaction of Epoxide with Styrene. Advanced Synthesis and Catalysis, 2004, 346, 1631-1634.	2.1	56
92	Radical Cyclization Reaction Using a Combination of Phosphinic Acid and a Base in Aqueous Ethanol. Chemistry Letters, 2000, 29, 104-105.	0.7	55
93	Nickel-Catalyzed Reactions of Silacyclobutanes with Aldehydes:â€‰ Ring Opening and Ring Expansion Reaction. Organic Letters, 2006, 8, 483-485.	2.4	54
94	Palladium-Catalyzed Formal Cycloaddition of Silacyclobutanes with Enones: Synthesis of Eight-Membered Cyclic Silyl Enolates. Organic Letters, 2008, 10, 2199-2201.	2.4	54
95	Effective meso Fabrications of Subporphyrins. Angewandte Chemie - International Edition, 2012, 51, 5593-5597.	7.2	54
96	Palladium-Catalyzed Preparation of Silyl Enolates from Î±,Î²-Unsaturated Ketones or Cyclopropyl Ketones with Hydrosilanes. Journal of Organic Chemistry, 2009, 74, 7986-7989.	1.7	53
97	Spontaneous Formation of an Airâ€Stable Radical upon the Direct Fusion of Diphenylmethane to a Triarylporphyrin. Angewandte Chemie - International Edition, 2016, 55, 8711-8714.	7.2	53
98	Silverâ€Catalyzed Transmetalation between Chlorosilanes and Aryl and Alkenyl Grignard Reagents for the Synthesis of Tetraorganosilanes. Angewandte Chemie - International Edition, 2008, 47, 5833-5835.	7.2	52
99	Directly Diphenylboraneâ€Fused Porphyrins. Angewandte Chemie - International Edition, 2016, 55, 3196-3199.	7.2	51
100	Carbon Materials with Zigzag and Armchair Edges. ACS Applied Materials & Interfaces, 2018, 10, 40710-40739.	4.0	51
101	Nickel-Catalyzed Allylation of Allyl Carbonates with Homoallyl Alcohols via Retro-Allylation Providing 1,5-Hexadienes. Organic Letters, 2008, 10, 1629-1632.	2.4	50
102	Ni-Catalyzed Carboxylation of C(sp²)â€“S Bonds with CO₂: Evidence for the Multifaceted Role of Zn. ACS Catalysis, 2020, 10, 2117-2123.	5.5	50
103	Triethylborane-induced radical reactions with gallium- and indium hydrides. Tetrahedron, 2003, 59, 6627-6635.	1.0	49
104	Synthesis of Arylallenes by Palladium-Catalyzed Retro-Propargylation of Homopropargyl Alcohols. Journal of the American Chemical Society, 2008, 130, 5048-5049.	6.6	49
105	Cross-coupling of Aryl Sulfides Powered by N-Heterocyclic Carbene Ligands. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 1119-1127.	0.0	49
106	Palladium-Catalyzed ipso-Borylation of Aryl Sulfides with Diborons. Organic Letters, 2016, 18, 2966-2969.	2.4	49
107	Sigmatropic Rearrangements of Hypervalentâ€Iodineâ€Tethered Intermediates for the Synthesis of Biaryls. Angewandte Chemie - International Edition, 2018, 57, 4663-4667.	7.2	49
108	Iridium-Catalyzed Direct Hydroarylation of Glycals via Câ€“H Activation: Ligand-Controlled Stereoselective Synthesis of Î±- and Î²-C-Glycosyl Arenes. ACS Catalysis, 2019, 9, 1347-1352.	5.5	49

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109	Radical addition of 2-iodoalkanamide or 2-iodoalkanoic acid to alkenols using a water-soluble radical initiator in water. A facile synthesis of Î³-lactones. Tetrahedron Letters, 1999, 40, 519-522.	0.7	48
110	Radical Addition of 2-Iodoalkanamide or 2-Iodoalkanoic Acid to Alkenes with a Water-Soluble Radical Initiator in Aqueous Media: Facile Synthesis ofÎ³-Lactones. Bulletin of the Chemical Society of Japan, 2001, 74, 1963-1970.	2.0	48
111	Selective H/D Exchange at Vinyl and Methylidene Groups with D₂O Catalyzed by an Iridium Complex. Organic Letters, 2016, 18, 3674-3677.	2.4	48
112	Nucleophilic aromatic substitution reaction of nitroarenes with alkyl- or arylthio groups in dimethyl sulfoxide by means of cesium carbonate. Tetrahedron, 2006, 62, 2357-2360.	1.0	47
113	Asymmetric hydroarylation of vinyl ethers catalyzed by a hydroxoiridium complex: azoles as effective directing groups. Chemical Communications, 2017, 53, 2760-2763.	2.2	47
114	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. Tetrahedron, 2007, 63, 8609-8618.	1.0	46
115	Copper-Catalyzed Reaction of Alkyl Halides with Cyclopentadienylmagnesium Reagent. Organic Letters, 2008, 10, 2545-2547.	2.4	46
116	Palladiumâ€Catalyzed Î²â€Selective Direct Arylation of Porphyrins. Angewandte Chemie - International Edition, 2011, 50, 8867-8870.	7.2	46
117	Palladiumâ€Catalyzed Crossâ€Coupling of Unactivated Aryl Sulfides with Arylzinc Reagents under Mild Conditions. Chemistry - A European Journal, 2014, 20, 13146-13149.	1.7	46
118	Hydroxoiridiumâ€Catalyzed Hydroalkylation of Terminal Alkenes with Ureas by C(sp³)â^'H Bond Activation. Angewandte Chemie - International Edition, 2017, 56, 7200-7204.	7.2	46
119	meso,Î²â€Oligohaloporphyrins as Useful Synthetic Intermediates of Diphenylamineâ€Fused Porphyrin and mesoâ€toâ€meso Î²â€toâ€Î² Doubly Butadiyneâ€Bridged Diporphyrin. Angewandte Chemie - International Edition, 2015, 54, 6311-6314.	7.2	45
120	Triethylborane-induced radical allylation of Î±-halo carbonyl compounds with allylgallium reagent in aqueous media. Tetrahedron Letters, 2001, 42, 4535-4538.	0.7	43
121	Cobalt-Catalyzed Allylic Substitution Reaction of Allylic Ethers with Phenyl and Trimethylsilylmethyl Grignard Reagents. Chemistry Letters, 2004, 33, 832-833.	0.7	43
122	Synthesis of Alkylidenecyclopropanes by Palladium-Catalyzed Reaction of Propargyl-Substituted Malonate Esters with Aryl Halides by Anti-carbopalladation Pathway. Journal of the American Chemical Society, 2011, 133, 9682-9685.	6.6	42
123	Embedding heteroatoms: an effective approach to create porphyrin-based functional materials. Dalton Transactions, 2017, 46, 13322-13341.	1.6	42
124	Sigmatropic Dearomatization/Defluorination Strategy for Câ^'F Transformation: Synthesis of Fluorinated Benzofurans from Polyfluorophenols. Angewandte Chemie - International Edition, 2018, 57, 14230-14234.	7.2	42
125	Asymmetric systematic synthesis, structures, and (chir)optical properties of a series of dihetero[8]helicenes. Chemical Science, 2021, 12, 2784-2793.	3.7	42
126	Intermolecular Radical Addition of Alkylthio- and Arylthiodiphenylphosphines to Terminal Alkynes. Organic Letters, 2008, 10, 1155-1157.	2.4	41

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127	Silylcupration and Copper-Catalyzed Carbomagnesiation of Ynamides: Application to Aza-Claisen Rearrangement. Bulletin of the Chemical Society of Japan, 2008, 81, 373-379.	2.0	41
128	Palladium-catalyzed benzylic direct arylation of benzyl sulfones with aryl halides. Tetrahedron, 2009, 65, 1971-1976.	1.0	41
129	Nickel-Catalyzed Borylation of Aryl Cyclopropyl Ketones with Bis(pinacolato)diboron to Synthesize 4-Oxoalkylboronates. Journal of Organic Chemistry, 2009, 74, 3196-3198.	1.7	41
130	Aromatic Metamorphosis of Dibenzothiophenes. Synlett, 2016, 27, 1765-1774.	1.0	41
131	Palladium-Catalyzed Amination of Aryl Sulfoxides. Organic Letters, 2018, 20, 1134-1137.	2.4	41
132	Synthesis of Fullerene Glycoconjugates through Sulfide Connection in Aqueous Media. Organic Letters, 2003, 5, 4461-4463.	2.4	40
133	Recent advances in the use of tri(2-furyl)germane, triphenylgermane and their derivatives in organic synthesis. Inorganic Chemistry Communication, 2005, 8, 131-142.	1.8	40
134	Nickel-Catalyzed 1,4-Addition of Trialkylboranes to Î±,Î²-Unsaturated Esters:â€‰ Dramatic Enhancement by Addition of Methanol. Organic Letters, 2007, 9, 1541-1544.	2.4	40
135	Nickel-catalysed reactions with trialkylboranes and silacyclobutanes. Chemical Communications, 2008, , 3234.	2.2	40
136	Silver-catalyzed cross-coupling reactions of alkyl bromides with alkyl or aryl Grignard reagents. Tetrahedron Letters, 2009, 50, 3270-3272.	0.7	40
137	Aromatic Metamorphosis of Dibenzofurans into Triphenylenes Starting with Nickel-Catalyzed Ring-Opening Câ€“O Arylation. Organic Letters, 2017, 19, 1274-1277.	2.4	40
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