Martin Oestreich

List of Publications by Year
in descending order

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351 papers	17,318 citations	9786 73 h-index	28297 105 g-index
488 all docs	488 docs citations	488 times ranked	7255 citing authors

#	Article	IF	Citations
1	A unified survey of Siâ€“H and Hâ€“H bond activation catalysed by electron-deficient boranes. Chemical Society Reviews, 2015, 44, 2202-2220.	38.1	455
2	Main-Group Lewis Acids for Câ€“F Bond Activation. ACS Catalysis, 2013, 3, 1578-1587.	11.2	375
3	Conclusive Evidence for an S_N2â€Si Mechanism in the B(C₆F₅)₃â€Catalyzed Hydrosilylation of Carbonyl Compounds: Implications for the Related Hydrogenation. Angewandte Chemie - International Edition, 2008, 47, 5997-6000.	13.8	374
4	Activation of the Siâ€“B Interelement Bond: Mechanism, Catalysis, and Synthesis. Chemical Reviews, 2013, 113, 402-441.	47.7	345
5	Polishing a Diamond in the Rough: â€œCuï£¿Hâ€•Catalysis with Silanes. Angewandte Chemie - International Edition, 2007, 46, 498-504.	13.8	269
6	Cooperative Catalytic Activation of Siâ^'H Bonds by a Polar Ruâ^'S Bond: Regioselective Low-Temperature Câ^'H Silylation of Indoles under Neutral Conditions by a Friedelâ^'Crafts Mechanism. Journal of the American Chemical Society, 2011, 133, 3312-3315.	13.7	226
7	Enantioselective formal hydration of Î±,Î²-unsaturated acceptors: asymmetric conjugate addition of silicon and boron nucleophiles. Chemical Communications, 2011, 47, 7917.	4.1	204
8	Catalytic Asymmetric Synthesis of Quaternary Carbons Bearing Two Aryl Substituents. Enantioselective Synthesis of 3-Alkyl-3-Aryl Oxindoles by Catalytic Asymmetric Intramolecular Heck Reactions. Journal of the American Chemical Society, 2003, 125, 6261-6271.	13.7	203
9	Silylium ions in catalysis. Dalton Transactions, 2010, 39, 9176.	3.3	195
10	Enantioselective Conjugate Borylation. Angewandte Chemie - International Edition, 2010, 49, 1194-1196.	13.8	179
11	Catalytic Generation of Borenium Ions by Cooperative Bâ€“H Bond Activation: The Elusive Direct Electrophilic Borylation of Nitrogen Heterocycles with Pinacolborane. Journal of the American Chemical Society, 2013, 135, 10978-10981.	13.7	168
12	Silicon-Stereogenic Silanes in Asymmetric Catalysis. Synlett, 2007, 2007, 1629-1643.	1.8	163
13	Experimental Analysis of the Catalytic Cycle of the Borane-Promoted Imine Reduction with Hydrosilanes: Spectroscopic Detection of Unexpected Intermediates and a Refined Mechanism. Journal of the American Chemical Society, 2013, 135, 17537-17546.	13.7	161
14	Potassium tert-Butoxide-Catalyzed Dehydrogenative Câ€“H Silylation of Heteroaromatics: A Combined Experimental and Computational Mechanistic Study. Journal of the American Chemical Society, 2017, 139, 6867-6879.	13.7	160
15	Kinetic Resolution of Chiral Secondary Alcohols by Dehydrogenative Coupling with Recyclable Silicon-Stereogenic Silanes. Angewandte Chemie - International Edition, 2005, 44, 7620-7624.	13.8	158
16	Silylium Ions: From Elusive Reactive Intermediates to Potent Catalysts. Chemical Reviews, 2021, 121, 5889-5985.	47.7	140
17	Strategies for Catalytic Asymmetric Electrophilic ? Halogenation of Carbonyl Compounds. Angewandte Chemie - International Edition, 2005, 44, 2324-2327.	13.8	138
18	3â€Silylated Cyclohexaâ€1,4â€dienes as Precursors for Gaseous Hydrosilanes: The B(C₆F₅)₃â€Catalyzed Transfer Hydrosilylation of Alkenes. Angewandte Chemie - International Edition, 2013, 52, 11905-11907.	13.8	138

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19	Electrophilic Aromatic Substitution with Silicon Electrophiles: Catalytic Friedelâ€“Crafts Câ^'H Silylation. Angewandte Chemie - International Edition, 2017, 56, 52-59.	13.8	137
20	Cooperative Catalysis at Metalâ€“Sulfur Bonds. Accounts of Chemical Research, 2017, 50, 1258-1269.	15.6	120
21	Catalytic Asymmetric Cï£¿Si Bond Formation to Acyclic Î±,Î²â€Unsaturated Acceptors by Rh^Iâ€Catalyzed Conjugate Silyl Transfer Using a Siï£¿B Linkage. Angewandte Chemie - International Edition, 2008, 47, 3818-3820.	13.8	118
22	C(sp³)â€“F Bond Activation of CF₃-Substituted Anilines with Catalytically Generated Silicon Cations: Spectroscopic Evidence for a Hydride-Bridged Ruâ€“S Dimer in the Catalytic Cycle. Journal of the American Chemical Society, 2013, 135, 1248-1251.	13.7	118
23	Rhodium-Catalyzed Enantioselective Conjugate Silyl Transfer: 1,4-Addition of Silyl Boronic Esters to Cyclic Enones and Lactones. Angewandte Chemie - International Edition, 2006, 45, 5675-5677.	13.8	116
24	Transfer Hydrosilylation. Angewandte Chemie - International Edition, 2016, 55, 494-499.	13.8	113
25	B(C₆F₅)₃â€Catalyzed Reduction of Ketones and Imines Using Siliconâ€Stereogenic Silanes: Stereoinduction by Singleâ€Point Binding. European Journal of Organic Chemistry, 2009, 2009, 5047-5056.	2.4	112
26	Catalytic 1,4â€Selective Hydrosilylation of Pyridines and Benzannulated Congeners. Angewandte Chemie - International Edition, 2013, 52, 10076-10079.	13.8	111
27	Temperature-Dependent Chemoselective Hydrosilylation of Carbon Dioxide to Formaldehyde or Methanol Oxidation State. Organometallics, 2015, 34, 543-546.	2.3	111
28	Copperâ€Catalyzed Decarboxylative Radical Silylation of Redoxâ€Active Aliphatic Carboxylic Acid Derivatives. Angewandte Chemie - International Edition, 2017, 56, 11649-11652.	13.8	110
29	BrÃ¸nsted Acid-Promoted Formation of Stabilized Silylium Ions for Catalytic Friedelâ€“Crafts Câ€“H Silylation. Journal of the American Chemical Society, 2016, 138, 7868-7871.	13.7	108
30	Asymmetric Siâ€“O coupling of alcohols. Organic and Biomolecular Chemistry, 2010, 8, 1497.	2.8	106
31	Copperâ€Catalyzed Siï£¿B Bond Activation in Branchedâ€Selective Allylic Substitution of Linear Allylic Chlorides. Angewandte Chemie - International Edition, 2010, 49, 8513-8515.	13.8	105
32	Illuminating the Mechanism of the Boraneâ€Catalyzed Hydrosilylation of Imines with Both an Axially Chiral Borane and Silane. Chemistry - A European Journal, 2012, 18, 14079-14084.	3.3	104
33	Catalytic Friedelâ€“Crafts Câ^'H Borylation of Electronâ€Rich Arenes: Dramatic Rate Acceleration by Added Alkenes. Angewandte Chemie - International Edition, 2017, 56, 3712-3717.	13.8	104
34	Emerging Strategies for Câ€“H Silylation. Trends in Chemistry, 2020, 2, 13-27.	8.5	102
35	Cationic silicon Lewis acids in catalysis. Nature Reviews Chemistry, 2020, 4, 54-62.	30.2	101
36	Activation of the Siâ€“B interelement bond related to catalysis. Chemical Society Reviews, 2021, 50, 2010-2073.	38.1	100

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37	Neighbouringâ€Group Effects in Heck Reactions. European Journal of Organic Chemistry, 2005, 2005, 783-792.	2.4	99
38	Taming the Silylium Ion for Lowâ€Temperature Dielsâ€“Alder Reactions. Angewandte Chemie - International Edition, 2009, 48, 9077-9079.	13.8	99
39	Silylium Ion-Catalyzed Challenging Dielsâ€“Alder Reactions: The Danger of Hidden Proton Catalysis with Strong Lewis Acids. Journal of the American Chemical Society, 2012, 134, 4421-4428.	13.7	98
40	Strategies for Catalytic Asymmetric Electrophilic Î±-Halogenation of Carbonyl Compounds. ChemInform, 2005, 36, no.	0.0	97
41	Kinetic Resolution and Desymmetrization by Stereoselective Silylation of Alcohols. Angewandte Chemie - International Edition, 2008, 47, 248-250.	13.8	96
42	Formal SiH4 chemistry using stable and easy-to-handle surrogates. Nature Chemistry, 2015, 7, 816-822.	13.6	96
43	Preparation of a Privileged Silicon-Stereogenic Silane: Classicalversus Kinetic Resolution. Advanced Synthesis and Catalysis, 2006, 348, 1171-1182.	4.3	94
44	B(C₆F₅)₃â€Catalyzed Transfer Hydrogenation of Imines and Related Heteroarenes Using Cyclohexaâ€1,4â€dienes as a Dihydrogen Source. Angewandte Chemie - International Edition, 2015, 54, 1965-1968.	13.8	94
45	Asymmetric Synthesis of Î±â€Chiral Allylic Silanes by Enantioconvergent Î³â€Selective Copper(I)â€Catalyzed Allylic Silylation. Angewandte Chemie - International Edition, 2013, 52, 4650-4653.	13.8	93
46	Insight into the Mechanism of Carbonyl Hydrosilylation Catalyzed by Brookhartâ€™s Cationic Iridium(III) Pincer Complex. Journal of the American Chemical Society, 2014, 136, 6912-6915.	13.7	93
47	Activation of the Siâ€“B Linkage: Copper-Catalyzed Addition of Nucleophilic Silicon to Imines. Organic Letters, 2011, 13, 2094-2097.	4.6	92
48	Catalytic dehydrogenative Siâ€“N coupling of pyrroles, indoles, carbazoles as well as anilines with hydrosilanes without added base. Chemical Communications, 2013, 49, 1506.	4.1	92
49	Copper-Catalyzed Cross-Coupling of Silicon Pronucleophiles with Unactivated Alkyl Electrophiles Coupled with Radical Cyclization. Journal of the American Chemical Society, 2016, 138, 14222-14225.	13.7	92
50	The Asymmetric Piers Hydrosilylation. Journal of the American Chemical Society, 2016, 138, 6940-6943.	13.7	91
51	Oxidative Palladium(II)-Catalyzed C-7 Alkenylation of Indolines. Organic Letters, 2013, 15, 5374-5377.	4.6	90
52	Friedelâ€“Craftsâ€Type Intermolecular Câ€“H Silylation of Electronâ€Rich Arenes Initiated by Baseâ€Metal Salts. Angewandte Chemie - International Edition, 2016, 55, 3204-3207.	13.8	89
53	Sï¿¿H Bond Activation: Bridging Lewis Acid Catalysis with Brookhartâ€™s Iridium(III) Pincer Complex and B(C₆F₅)₃. Angewandte Chemie - International Edition, 2013, 52, 5216-5218.	13.8	88
54	Direct and Transfer Hydrosilylation Reactions Catalyzed by Fully or Partially Fluorinated Triarylboranes: A Systematic Study. Organometallics, 2015, 34, 790-799.	2.3	87

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55	Intermolecular Chirality Transfer from Silicon to Carbon:Â Interrogation of the Two-Silicon Cycle for Pd-Catalyzed Hydrosilylation by Stereoisotopochemical Crossover. Journal of the American Chemical Society, 2007, 129, 502-503.	13.7	86
56	Transition-Metal-Catalyzed C-P Cross-Coupling Reactions. Synthesis, 2010, 2010, 3037-3062.	2.3	86
57	Peripheral mechanism of a carbonyl hydrosilylation catalysed by an SiNSi iron pincer complex. Chemical Science, 2015, 6, 7143-7149.	7.4	86
58	Stereoselective Alcohol Silylation by Dehydrogenative Siâ€“O Coupling: Scope, Limitations, and Mechanism of the Cuâ€“Hâ€Catalyzed Nonâ€Enzymatic Kinetic Resolution with Siliconâ€Stereogenic Silanes. Chemistry - A European Journal, 2008, 14, 11512-11528.	3.3	84
59	Enantioselective Addition of Silicon Nucleophiles to Aldimines Using a Preformed NHCâ€“Copper(I) Complex as the Catalyst. Angewandte Chemie - International Edition, 2014, 53, 4964-4967.	13.8	83
60	Enantioselective Fujiwaraâ€“Moritani Indole and Pyrrole Annulations Catalyzed by Chiral Palladium(II)â€“NicOx Complexes. European Journal of Organic Chemistry, 2010, 2010, 174-182.	2.4	82
61	Exceptionally Mild Palladium(II)-Catalyzed Dehydrogenative Câ€“H/Câ€“H Arylation of Indolines at the C-7 Position under Air. Organic Letters, 2014, 16, 6020-6023.	4.6	82
62	A New Direction in Cï£¿H Alkenylation: Silanol as a Helping Hand. Angewandte Chemie - International Edition, 2012, 51, 1763-1765.	13.8	81
63	Oxidative Palladium(II)â€Catalyzed Dehydrogenative Cï£¿H/Cï£¿H Crossâ€Coupling of 2,3â€Substituted Indolines with Arenes at the C7 Position. Chemistry - A European Journal, 2013, 19, 10845-10848.	3.3	81
64	?True? Chirality Transfer from Silicon to Carbon: Asymmetric Amplification in a Reagent-Controlled Palladium-Catalyzed Hydrosilylation. Angewandte Chemie - International Edition, 2005, 44, 1661-1664.	13.8	80
65	Catalytic Electrophilic Cï£¿H Silylation of Pyridines Enabled by Temporary Dearomatization. Angewandte Chemie - International Edition, 2015, 54, 15876-15879.	13.8	80
66	B(C₆F₅)₃â€Catalyzed Transfer of Dihydrogen from One Unsaturated Hydrocarbon to Another. Angewandte Chemie - International Edition, 2015, 54, 12158-12162.	13.8	80
67	Asymmetric Conjugate Silyl Transfer in Iterative Catalytic Sequences: Synthesis of the C7â€“C16 Fragment of (+)â€Neopeltolide. Angewandte Chemie - International Edition, 2010, 49, 6195-6198.	13.8	79
68	Boron Lewis Acidâ€Catalyzed Hydroboration of Alkenes with Pinacolborane: BAr^F₃ Does What B(C₆F₅)₃ Cannot Do!. Chemistry - A European Journal, 2016, 22, 13840-13844.	3.3	79
69	C(sp³)â€“Si Cross-Coupling. ACS Catalysis, 2019, 9, 16-24.	11.2	78
70	Aerobic Palladium(II)â€Catalyzed 5â€endoâ€trig Cyclization: An Entry into the Diastereoselective Câ€2 Alkenylation of Indoles with Triâ€and Tetrasubstituted Double Bonds. Angewandte Chemie - International Edition, 2012, 51, 1265-1269.	13.8	77
71	Chiral Recognition with Siliconâ€Stereogenic Silanes: Remarkable Selectivity Factors in the Kinetic Resolution of Donorâ€Functionalized Alcohols. Angewandte Chemie - International Edition, 2007, 46, 9335-9338.	13.8	76
72	Mechanism of the cooperative Siâ€“H bond activation at Ruâ€“S bonds. Chemical Science, 2015, 6, 4324-4334.	7.4	76

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73	Stereoselective Preparation and Reactions of Configurationally Defined Dialkylzinc Compounds. Chemistry - A European Journal, 2000, 6, 2748-2761.	3.3	75
74	Copperâ€Catalyzed 1,2â€Addition of Nucleophilic Silicon to Aldehydes: Mechanistic Insight and Catalytic Systems. Chemistry - A European Journal, 2011, 17, 13538-13543.	3.3	75
75	Catalytic Asymmetric Sï¿O Coupling of Simple Achiral Silanes and Chiral Donorâ€Functionalized Alcohols. Angewandte Chemie - International Edition, 2010, 49, 2223-2226.	13.8	74
76	A Unique Transition Metal-Stabilized Silicon Cation. Journal of the American Chemical Society, 2011, 133, 12442-12444.	13.7	74
77	Metal-Free Phosphine Oxide Reductions Catalyzed by B(C₆F₅)₃ and Electrophilic Fluorophosphonium Cations. Organometallics, 2016, 35, 1030-1035.	2.3	74
78	Siliconâ€and Tinâ€Based Cuprates: Now Catalytic in Copper!. Chemistry - A European Journal, 2010, 16, 402-412.	3.3	73
79	Beyond Carbon: Enantioselective and Enantiospecific Reactions with Catalytically Generated Boryl- and Silylcopper Intermediates. ACS Central Science, 2020, 6, 1070-1081.	11.3	73
80	Rhodium(I)-catalyzed enantioselective 1,4-addition of nucleophilic silicon. Tetrahedron, 2009, 65, 5513-5520.	1.9	69
81	The Family of Ferroceneâ€Stabilized Silylium Ions: Synthesis,29Siâ€...NMR Characterization, Lewis Acidity, Substituent Scrambling, and Quantumâ€Chemical Analyses. Chemistry - A European Journal, 2013, 19, 16579-16594.	3.3	69
82	Chirality Transfer from Silicon to Carbon. Chemistry - A European Journal, 2006, 12, 30-37.	3.3	68
83	Self-regeneration of a silylium ion catalyst in carbonyl reduction. Chemical Communications, 2011, 47, 334-336.	4.1	68
84	An Axially Chiral, Electronâ€Deficient Borane: Synthesis, Coordination Chemistry, Lewis Acidity, and Reactivity. Chemistry - A European Journal, 2011, 17, 9406-9414.	3.3	66
85	BAr^F₃-Catalyzed Imine Hydroboration with Pinacolborane Not Requiring the Assistance of an Additional Lewis Base. Organometallics, 2017, 36, 2381-2384.	2.3	65
86	Tertiary Î±â€Silyl Alcohols by Diastereoselective Coupling of 1,3â€Dienes and Acylsilanes Initiated by Enantioselective Copperâ€Catalyzed Borylation. Angewandte Chemie - International Edition, 2019, 58, 8211-8215.	13.8	65
87	ThwartingÎ²-Hydride Elimination: Capture of the Alkylpalladium Intermediate of an Asymmetric Intramolecular Heck Reaction. Angewandte Chemie - International Edition, 2001, 40, 1439-1442.	13.8	64
88	Potassium tertâ€Butoxideâ€Catalyzed Dehydrogenative Sï¿O Coupling: Reactivity Pattern and Mechanism of an Underappreciated Alcohol Protection. Chemistry - an Asian Journal, 2009, 4, 406-410.	3.3	64
89	Base-Free Dehydrogenative Coupling of Enolizable Carbonyl Compounds with Silanes. Organic Letters, 2012, 14, 2842-2845.	4.6	64
90	Transâ€Selective Radical Silylzincation of Ynamides. Angewandte Chemie - International Edition, 2014, 53, 11333-11337.	13.8	64

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91	Access to Fully Alkylated Germanes by B(C₆F₅)₃-Catalyzed Transfer Hydrogermylation of Alkenes. Organic Letters, 2017, 19, 1898-1901.	4.6	64
92	Breaking News on the Enantioselective Intermolecular Heck Reaction. Angewandte Chemie - International Edition, 2014, 53, 2282-2285.	13.8	63
93	Copper(I)-Catalyzed Regioselective Propargylic Substitution Involving Siâ€“B Bond Activation. Organic Letters, 2011, 13, 4462-4465.	4.6	61
94	Copper(I)-Catalyzed Regio- and Chemoselective Single and Double Addition of Nucleophilic Silicon to Propargylic Chlorides and Phosphates. Organic Letters, 2012, 14, 4010-4013.	4.6	61
95	Benchâ€Stable Stock Solutions of Silicon Grignard Reagents: Application to Ironâ€•and Cobaltâ€Catalyzed Radical C(sp³)â€“Si Crossâ€Coupling Reactions. Angewandte Chemie - International Edition, 2018, 57, 12141-12145.	13.8	60
96	Kinetic Resolution of Tertiary Propargylic Alcohols by Enantioselective Cuâˆ'Hâ€Catalyzed Siâˆ'O Coupling. Angewandte Chemie - International Edition, 2019, 58, 1970-1974.	13.8	60
97	On the Mechanism of the Reductive Metallation of Asymmetrically Substituted Silyl Chlorides. European Journal of Organic Chemistry, 2005, 2005, 184-195.	2.4	59
98	Silylium Ion Promoted Reduction of Imines with Hydrosilanes. Organometallics, 2013, 32, 6643-6646.	2.3	58
99	B(C₆F₅)₃â€Catalyzed Hydrogenation of Oxime Ethers without Cleavage of the Nï£¿O Bond. Angewandte Chemie - International Edition, 2014, 53, 13278-13281.	13.8	58
100	Ligand-controlled diastereodivergent, enantio- and regioselective copper-catalyzed hydroxyalkylboration of 1,3-dienes with ketones. Chemical Science, 2019, 10, 9679-9683.	7.4	58
101	BINAP versus BINAP(O) in Asymmetric Intermolecular Mizorokiâ€“Heck Reactions: Substantial Effects on Selectivities. Chemistry - A European Journal, 2011, 17, 11914-11918.	3.3	57
102	Cyclohexa-1,4-dienes in transition-metal-free ionic transfer processes. Chemical Science, 2017, 8, 4688-4695.	7.4	57
103	Transfer Hydrocyanation of Î±â€•and Î±,Î²â€Substituted Styrenes Catalyzed by Boron Lewis Acids. Angewandte Chemie - International Edition, 2019, 58, 3579-3583.	13.8	56
104	Copper-Catalyzed Conjugate Addition of a Bis(triorganosilyl) Zinc and a Methyl(triorganosilyl) Magnesium. Synlett, 2004, 2004, 2139-2142.	1.8	55
105	Kinetic resolution of donor-functionalised tertiary alcohols by Cuâ€“H-catalysed stereoselective silylation using a strained silicon-stereogenic silane. Organic and Biomolecular Chemistry, 2008, 6, 1435.	2.8	55
106	A Catalytic S_EAr Approach to Dibenzosiloles Functionalized at Both Benzene Cores. Angewandte Chemie - International Edition, 2015, 54, 10276-10279.	13.8	55
107	Catalytic Desymmetrizing Intramolecular Heck Reaction: Evidence for an Unusual Hydroxy-Directed Migratory Insertion. Angewandte Chemie - International Edition, 2005, 44, 149-152.	13.8	54
108	Direct Catalytic Access to Nâ€Silylated Enamines from Enolizable Imines and Hydrosilanes by Baseâ€Free Dehydrogenative Sïï£¿N Coupling. Chemistry - A European Journal, 2014, 20, 9250-9254.	3.3	54

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109	Ferrocene-Stabilized Silicon Cations as Catalysts for Dielsâ€“Alder Reactions: Attempted Experimental Quantification of Lewis Acidity and ReactIR Kinetic Analysis. Organometallics, 2014, 33, 302-308.	2.3	53
110	Defunctionalisation catalysed by boron Lewis acids. Chemical Science, 2020, 11, 12604-12615.	7.4	53
111	Silylzincation of carbonâ€“carbon multiple bonds revisited. Chemical Communications, 2006, , 311-313.	4.1	52
112	Expedient access to branched allylic silanes by copper-catalysed allylic substitution of linear allylic halides. Chemical Communications, 2010, 46, 568-570.	4.1	52
113	Singleâ€Electron Transfer Reactions in Frustrated and Conventional Silylium Ion/Phosphane Lewis Pairs. Angewandte Chemie - International Edition, 2018, 57, 15267-15271.	13.8	52
114	Two-Directional Desymmetrization by Double 1,4-Addition of Silicon and Boron Nucleophiles. Organic Letters, 2012, 14, 2406-2409.	4.6	51
115	B(C₆F₅)₃â€Catalyzed Chemoselective Defunctionalization of Etherâ€Containing Primary Alkyl Tosylates with Hydrosilanes. Angewandte Chemie - International Edition, 2017, 56, 3389-3391.	13.8	49
116	Stereoselective Preparation and Reactions of Cycloalkylzinc Compounds. Angewandte Chemie International Edition in English, 1997, 36, 245-246.	4.4	47
117	(â^')-Sparteine-Mediated Stereoselective Intramolecular Carbolithiation of 4-Substituted 5-Hexynyl Carbamates. Synthesis of Enantiopure 1,3-Difunctionalized Alkylidene Cyclopentanes. Journal of Organic Chemistry, 1999, 64, 8616-8626.	3.2	46
118	Practical Synthesis of Allylic Silanes from Allylic Esters and Carbamates by Stereoselective Copper-Catalyzed Allylic Substitution Reactions. Advanced Synthesis and Catalysis, 2005, 347, 637-640.	4.3	46
119	Mechanistic insight into copper-catalysed allylic substitutions with bis(triorganosilyl) zincs. Enantiospecific preparation of Î±-chiral silanes. Chemical Communications, 2006, , 3643-3645.	4.1	45
120	Oxygen Donor-Mediated Equilibration of Diastereomeric Alkeneâ^'Palladium(II) Intermediates in Enantioselective Desymmetrizing Heck Cyclizations. Journal of the American Chemical Society, 2007, 129, 13455-13463.	13.7	45
121	Cyclohexa-1,3-diene-based dihydrogen and hydrosilane surrogates in B(C₆F₅)₃-catalysed transfer processes. Chemical Communications, 2017, 53, 10390-10393.	4.1	45
122	Nickelâ€Catalyzed, Reductive C(sp³)â^'Si Crossâ€Coupling of Î±â€Cyano Alkyl Electrophiles and Chlorosilanes. Angewandte Chemie - International Edition, 2021, 60, 18587-18590.	13.8	45
123	Intramolecularly Sulfur-Stabilized Silicon Cations as Lewis Acid Catalysts. Organometallics, 2014, 33, 3618-3628.	2.3	44
124	Stereospecific and Chemoselective Copperâ€Catalyzed Deaminative Silylation of Benzylic Ammonium Triflates. Angewandte Chemie - International Edition, 2020, 59, 1577-1580.	13.8	44
125	A Convergent Method for the Synthesis of Highly Enantiomerically Enriched Cyclic Silanes with Silicon-Centered Chirality. Synthesis, 2003, 2003, 2725-2739.	2.3	43
126	Broad-spectrum kinetic resolution of alcohols enabled by Cuâ€“H-catalysed dehydrogenative coupling with hydrosilanes. Nature Communications, 2017, 8, 15547.	12.8	43

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127	Synthesis of 2,6â€Dihalogenated Purine Nucleosides by Thermostable Nucleoside Phosphorylases. Advanced Synthesis and Catalysis, 2015, 357, 1237-1244.	4.3	42
128	McQuadeâ€™s Six-Membered NHCâ€“Copper(I) Complexes for Catalytic AsymmetricÂ-Silyl Transfer. Synthesis, 2014, 46, 2957-2964.	2.3	40
129	Intramolecularly Sulfur-Stabilized Silicon Cations with Chiral Binaphthyl Backbones: Synthesis of Three Different Motifs and Their Application in Enantioselective Dielsâ€“Alder Reactions. Organometallics, 2015, 34, 3358-3373.	2.3	40
130	Copper-Catalyzed Siâ€“B Bond Activation in the Nucleophilic Substitution of Primary Aliphatic Triflates. Synlett, 2016, 27, 1274-1276.	1.8	40
131	Metal-Free Transfer Hydroiodination of Câ€“C Multiple Bonds. Journal of the American Chemical Society, 2019, 141, 1135-1140.	13.7	40
132	(â^')-Sparteine-mediated stereoselective intramolecular carbolithiation of alkynes. Tetrahedron Letters, 1998, 39, 1745-1748.	1.4	39
133	Aerobic Palladium(II)-Catalyzed Dehydrogenation of Cyclohexene-1-carbonyl Indole Amides: An Indole-Directed Aromatization. Journal of Organic Chemistry, 2012, 77, 8750-8755.	3.2	39
134	BrÃ¸nsted Acid-Catalyzed Transfer Hydrogenation of Imines and Alkenes Using Cyclohexa-1,4-dienes as Dihydrogen Surrogates. Organic Letters, 2016, 18, 2463-2466.	4.6	39
135	Cooperative Alâ€“H Bond Activation in DIBAL-H: Catalytic Generation of an Alumenium-Ion-Like Lewis Acid for Hydrodefluorinative Friedelâ€“Crafts Alkylation. Journal of the American Chemical Society, 2017, 139, 16334-16342.	13.7	39
136	Copper-Catalyzed Double C(sp³)â€“Si Coupling of Geminal Dibromides: Ionic-to-Radical Switch in the Reaction Mechanism. Organic Letters, 2018, 20, 5367-5369.	4.6	39
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