

Martin Oestreich

List of Publications by Year in descending order

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351
papers

17,318
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9756

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105
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488
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488
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times ranked

7255
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A unified survey of Si-H and H-H bond activation catalysed by electron-deficient boranes. <i>Chemical Society Reviews</i> , 2015, 44, 2202-2220. | 18.7 | 455 |
| 2 | Main-Group Lewis Acids for C-F Bond Activation. <i>ACS Catalysis</i> , 2013, 3, 1578-1587. | 5.5 | 375 |
| 3 | Conclusive Evidence for an S _N 2 ^{Si} Mechanism in the B(C ₆ F ₅) ₃ -Catalyzed Hydrosilylation of Carbonyl Compounds: Implications for the Related Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5997-6000. | 7.2 | 374 |
| 4 | Activation of the Si-B Inter-element Bond: Mechanism, Catalysis, and Synthesis. <i>Chemical Reviews</i> , 2013, 113, 402-441. | 23.0 | 345 |
| 5 | Polishing a Diamond in the Rough: σ -C ₆ H ₅ -Catalysis with Silanes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 498-504. | 7.2 | 269 |
| 6 | Cooperative Catalytic Activation of Si-H Bonds by a Polar Ru-S Bond: Regioselective Low-Temperature C-H Silylation of Indoles under Neutral Conditions by a Friedel-Crafts Mechanism. <i>Journal of the American Chemical Society</i> , 2011, 133, 3312-3315. | 6.6 | 226 |
| 7 | Enantioselective formal hydration of α,β -unsaturated acceptors: asymmetric conjugate addition of silicon and boron nucleophiles. <i>Chemical Communications</i> , 2011, 47, 7917. | 2.2 | 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. <i>Journal of the American Chemical Society</i> , 2003, 125, 6261-6271. | 6.6 | 203 |
| 9 | Silylium ions in catalysis. <i>Dalton Transactions</i> , 2010, 39, 9176. | 1.6 | 195 |
| 10 | Enantioselective Conjugate Borylation. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1194-1196. | 7.2 | 179 |
| 11 | Catalytic Generation of Borenium Ions by Cooperative B-H Bond Activation: The Elusive Direct Electrophilic Borylation of Nitrogen Heterocycles with Pinacolborane. <i>Journal of the American Chemical Society</i> , 2013, 135, 10978-10981. | 6.6 | 168 |
| 12 | Silicon-Stereogenic Silanes in Asymmetric Catalysis. <i>Synlett</i> , 2007, 2007, 1629-1643. | 1.0 | 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. <i>Journal of the American Chemical Society</i> , 2013, 135, 17537-17546. | 6.6 | 161 |
| 14 | Potassium <i>tert</i> -Butoxide-Catalyzed Dehydrogenative C-H Silylation of Heteroaromatics: A Combined Experimental and Computational Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 6867-6879. | 6.6 | 160 |
| 15 | Kinetic Resolution of Chiral Secondary Alcohols by Dehydrogenative Coupling with Recyclable Silicon-Stereogenic Silanes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7620-7624. | 7.2 | 158 |
| 16 | Silylium Ions: From Elusive Reactive Intermediates to Potent Catalysts. <i>Chemical Reviews</i> , 2021, 121, 5889-5985. | 23.0 | 140 |
| 17 | Strategies for Catalytic Asymmetric Electrophilic α -Halogenation of Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2324-2327. | 7.2 | 138 |
| 18 | σ -Silylated Cyclohexadienes as Precursors for Gaseous Hydrosilanes: The B(C ₆ F ₅) ₃ -Catalyzed Transfer Hydrosilylation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11905-11907. | 7.2 | 138 |

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|----|--|------|-----------|
| 19 | Electrophilic Aromatic Substitution with Silicon Electrophiles: Catalytic Friedel-Crafts C-H Silylation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 52-59. | 7.2 | 137 |
| 20 | Cooperative Catalysis at Metal-Sulfur Bonds. <i>Accounts of Chemical Research</i> , 2017, 50, 1258-1269. | 7.6 | 120 |
| 21 | Catalytic Asymmetric C-Si Bond Formation to Acyclic Unsaturated Acceptors by Rh-Catalyzed Conjugate Silyl Transfer Using a Si-B Linkage. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3818-3820. | 7.2 | 118 |
| 22 | C(sp ³)-F Bond Activation of CF ₃ -Substituted Anilines with Catalytically Generated Silicon Cations: Spectroscopic Evidence for a Hydride-Bridged Ru-S Dimer in the Catalytic Cycle. <i>Journal of the American Chemical Society</i> , 2013, 135, 1248-1251. | 6.6 | 118 |
| 23 | Rhodium-Catalyzed Enantioselective Conjugate Silyl Transfer: 1,4-Addition of Silyl Boronic Esters to Cyclic Enones and Lactones. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5675-5677. | 7.2 | 116 |
| 24 | Transfer Hydrosilylation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 494-499. | 7.2 | 113 |
| 25 | B(C ₆ F ₅) ₃ -Catalyzed Reduction of Ketones and Imines Using Silicon-Stereogenic Silanes: Stereoinduction by Single-Point Binding. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5047-5056. | 1.2 | 112 |
| 26 | Catalytic 1,4-Selective Hydrosilylation of Pyridines and Benzannulated Congeners. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10076-10079. | 7.2 | 111 |
| 27 | Temperature-Dependent Chemoselective Hydrosilylation of Carbon Dioxide to Formaldehyde or Methanol Oxidation State. <i>Organometallics</i> , 2015, 34, 543-546. | 1.1 | 111 |
| 28 | Copper-Catalyzed Decarboxylative Radical Silylation of Redox-Active Aliphatic Carboxylic Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11649-11652. | 7.2 | 110 |
| 29 | Brønsted Acid-Promoted Formation of Stabilized Silylium Ions for Catalytic Friedel-Crafts C-H Silylation. <i>Journal of the American Chemical Society</i> , 2016, 138, 7868-7871. | 6.6 | 108 |
| 30 | Asymmetric Si-O coupling of alcohols. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1497. | 1.5 | 106 |
| 31 | Copper-Catalyzed Si-B Bond Activation in Branched-Selective Allylic Substitution of Linear Allylic Chlorides. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8513-8515. | 7.2 | 105 |
| 32 | Illuminating the Mechanism of the Borane-Catalyzed Hydrosilylation of Imines with Both an Axially Chiral Borane and Silane. <i>Chemistry - A European Journal</i> , 2012, 18, 14079-14084. | 1.7 | 104 |
| 33 | Catalytic Friedel-Crafts C-H Borylation of Electron-Rich Arenes: Dramatic Rate Acceleration by Added Alkenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3712-3717. | 7.2 | 104 |
| 34 | Emerging Strategies for C-H Silylation. <i>Trends in Chemistry</i> , 2020, 2, 13-27. | 4.4 | 102 |
| 35 | Cationic silicon Lewis acids in catalysis. <i>Nature Reviews Chemistry</i> , 2020, 4, 54-62. | 13.8 | 101 |
| 36 | Activation of the Si-B interelement bond related to catalysis. <i>Chemical Society Reviews</i> , 2021, 50, 2010-2073. | 18.7 | 100 |

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| 37 | Neighbouring Group Effects in Heck Reactions. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 783-792. | 1.2 | 99 |
| 38 | Taming the Silylium Ion for Low Temperature Diels-Alder Reactions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9077-9079. | 7.2 | 99 |
| 39 | Silylium Ion-Catalyzed Challenging Diels-Alder Reactions: The Danger of Hidden Proton Catalysis with Strong Lewis Acids. <i>Journal of the American Chemical Society</i> , 2012, 134, 4421-4428. | 6.6 | 98 |
| 40 | Strategies for Catalytic Asymmetric Electrophilic α -Halogenation of Carbonyl Compounds. <i>ChemInform</i> , 2005, 36, no. | 0.1 | 97 |
| 41 | Kinetic Resolution and Desymmetrization by Stereoselective Silylation of Alcohols. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 248-250. | 7.2 | 96 |
| 42 | Formal SiH ₄ chemistry using stable and easy-to-handle surrogates. <i>Nature Chemistry</i> , 2015, 7, 816-822. | 6.6 | 96 |
| 43 | Preparation of a Privileged Silicon-Stereogenic Silane: Classical versus Kinetic Resolution. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1171-1182. | 2.1 | 94 |
| 44 | B(C ₆ F ₅) ₃ -Catalyzed Transfer Hydrogenation of Imines and Related Heteroarenes Using Cyclohexa-1,4-dienes as a Dihydrogen Source. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1965-1968. | 7.2 | 94 |
| 45 | Asymmetric Synthesis of α -Chiral Allylic Silanes by Enantioconvergent β -Selective Copper(I)-Catalyzed Allylic Silylation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4650-4653. | 7.2 | 93 |
| 46 | Insight into the Mechanism of Carbonyl Hydrosilylation Catalyzed by Brookhart's Cationic Iridium(III) Pincer Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 6912-6915. | 6.6 | 93 |
| 47 | Activation of the Si \rightarrow B Linkage: Copper-Catalyzed Addition of Nucleophilic Silicon to Imines. <i>Organic Letters</i> , 2011, 13, 2094-2097. | 2.4 | 92 |
| 48 | Catalytic dehydrogenative Si \rightarrow N coupling of pyrroles, indoles, carbazoles as well as anilines with hydrosilanes without added base. <i>Chemical Communications</i> , 2013, 49, 1506. | 2.2 | 92 |
| 49 | Copper-Catalyzed Cross-Coupling of Silicon Pronucleophiles with Unactivated Alkyl Electrophiles Coupled with Radical Cyclization. <i>Journal of the American Chemical Society</i> , 2016, 138, 14222-14225. | 6.6 | 92 |
| 50 | The Asymmetric Piers Hydrosilylation. <i>Journal of the American Chemical Society</i> , 2016, 138, 6940-6943. | 6.6 | 91 |
| 51 | Oxidative Palladium(II)-Catalyzed C-7 Alkenylation of Indolines. <i>Organic Letters</i> , 2013, 15, 5374-5377. | 2.4 | 90 |
| 52 | Friedel-Crafts Type Intermolecular C-H Silylation of Electron-Rich Arenes Initiated by Base-Metal Salts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3204-3207. | 7.2 | 89 |
| 53 | Si-H Bond Activation: Bridging Lewis Acid Catalysis with Brookhart's Iridium(III) Pincer Complex and B(C ₆ F ₅) ₃ . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5216-5218. | 7.2 | 88 |
| 54 | Direct and Transfer Hydrosilylation Reactions Catalyzed by Fully or Partially Fluorinated Triarylboranes: A Systematic Study. <i>Organometallics</i> , 2015, 34, 790-799. | 1.1 | 87 |

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| 55 | Intermolecular Chirality Transfer from Silicon to Carbon: An Interrogation of the Two-Silicon Cycle for Pd-Catalyzed Hydrosilylation by Stereoisotopochemical Crossover. <i>Journal of the American Chemical Society</i> , 2007, 129, 502-503. | 6.6 | 86 |
| 56 | Transition-Metal-Catalyzed C-P Cross-Coupling Reactions. <i>Synthesis</i> , 2010, 2010, 3037-3062. | 1.2 | 86 |
| 57 | Peripheral mechanism of a carbonyl hydrosilylation catalysed by an SINSi iron pincer complex. <i>Chemical Science</i> , 2015, 6, 7143-7149. | 3.7 | 86 |
| 58 | Stereoselective Alcohol Silylation by Dehydrogenative Si-H/O Coupling: Scope, Limitations, and Mechanism of the Cu-H-Catalyzed Non-Enzymatic Kinetic Resolution with Silicon-Stereogenic Silanes. <i>Chemistry - A European Journal</i> , 2008, 14, 11512-11528. | 1.7 | 84 |
| 59 | Enantioselective Addition of Silicon Nucleophiles to Aldimines Using a Preformed NHC-Copper(I) Complex as the Catalyst. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4964-4967. | 7.2 | 83 |
| 60 | Enantioselective Fujiwara-Moritani Indole and Pyrrole Annulations Catalyzed by Chiral Palladium(II)-NiOx Complexes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 174-182. | 1.2 | 82 |
| 61 | Exceptionally Mild Palladium(II)-Catalyzed Dehydrogenative C-H/C-H Arylation of Indolines at the C-7 Position under Air. <i>Organic Letters</i> , 2014, 16, 6020-6023. | 2.4 | 82 |
| 62 | A New Direction in C-H Alkenylation: Silanol as a Helping Hand. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1763-1765. | 7.2 | 81 |
| 63 | Oxidative Palladium(II)-Catalyzed Dehydrogenative C-H/C-H Cross-Coupling of 2,3-Substituted Indolines with Arenes at the C7 Position. <i>Chemistry - A European Journal</i> , 2013, 19, 10845-10848. | 1.7 | 81 |
| 64 | True? Chirality Transfer from Silicon to Carbon: Asymmetric Amplification in a Reagent-Controlled Palladium-Catalyzed Hydrosilylation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1661-1664. | 7.2 | 80 |
| 65 | Catalytic Electrophilic C-H Silylation of Pyridines Enabled by Temporary Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15876-15879. | 7.2 | 80 |
| 66 | B(C ₆ F ₅) ₃ -Catalyzed Transfer of Dihydrogen from One Unsaturated Hydrocarbon to Another. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12158-12162. | 7.2 | 80 |
| 67 | Asymmetric Conjugate Silyl Transfer in Iterative Catalytic Sequences: Synthesis of the C7-C16 Fragment of (+)-Neopeltolide. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6195-6198. | 7.2 | 79 |
| 68 | Boron Lewis Acid-Catalyzed Hydroboration of Alkenes with Pinacolborane: BAr ^F ₃ Does What B(C ₆ F ₅) ₃ Cannot Do!. <i>Chemistry - A European Journal</i> , 2016, 22, 13840-13844. | 1.7 | 79 |
| 69 | C(sp ³) ³ -Si Cross-Coupling. <i>ACS Catalysis</i> , 2019, 9, 16-24. | 5.5 | 78 |
| 70 | Aerobic Palladium(II)-Catalyzed 5-endo-trig Cyclization: An Entry into the Diastereoselective C=C Alkenylation of Indoles with Tri- and Tetrasubstituted Double Bonds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1265-1269. | 7.2 | 77 |
| 71 | Chiral Recognition with Silicon-Stereogenic Silanes: Remarkable Selectivity Factors in the Kinetic Resolution of Donor-Functionalized Alcohols. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9335-9338. | 7.2 | 76 |
| 72 | Mechanism of the cooperative Si-H bond activation at Ru-S bonds. <i>Chemical Science</i> , 2015, 6, 4324-4334. | 3.7 | 76 |

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| 73 | Stereoselective Preparation and Reactions of Configurationally Defined Dialkylzinc Compounds. <i>Chemistry - A European Journal</i> , 2000, 6, 2748-2761. | 1.7 | 75 |
| 74 | Copper-catalyzed 1,2-Addition of Nucleophilic Silicon to Aldehydes: Mechanistic Insight and Catalytic Systems. <i>Chemistry - A European Journal</i> , 2011, 17, 13538-13543. | 1.7 | 75 |
| 75 | Catalytic Asymmetric Si-H/O Coupling of Simple Achiral Silanes and Chiral Donor-Functionalized Alcohols. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2223-2226. | 7.2 | 74 |
| 76 | A Unique Transition Metal-Stabilized Silicon Cation. <i>Journal of the American Chemical Society</i> , 2011, 133, 12442-12444. | 6.6 | 74 |
| 77 | Metal-Free Phosphine Oxide Reductions Catalyzed by B(C ₆ F ₅) ₃ and Electrophilic Fluorophosphonium Cations. <i>Organometallics</i> , 2016, 35, 1030-1035. | 1.1 | 74 |
| 78 | Silicon- and Tin-Based Cuprates: Now Catalytic in Copper!. <i>Chemistry - A European Journal</i> , 2010, 16, 402-412. | 1.7 | 73 |
| 79 | Beyond Carbon: Enantioselective and Enantiospecific Reactions with Catalytically Generated Boryl- and Silylcopper Intermediates. <i>ACS Central Science</i> , 2020, 6, 1070-1081. | 5.3 | 73 |
| 80 | Rhodium(I)-catalyzed enantioselective 1,4-addition of nucleophilic silicon. <i>Tetrahedron</i> , 2009, 65, 5513-5520. | 1.0 | 69 |
| 81 | The Family of Ferrocene-Stabilized Silylium Ions: Synthesis, NMR Characterization, Lewis Acidity, Substituent Scrambling, and Quantum-Chemical Analyses. <i>Chemistry - A European Journal</i> , 2013, 19, 16579-16594. | 1.7 | 69 |
| 82 | Chirality Transfer from Silicon to Carbon. <i>Chemistry - A European Journal</i> , 2006, 12, 30-37. | 1.7 | 68 |
| 83 | Self-regeneration of a silylium ion catalyst in carbonyl reduction. <i>Chemical Communications</i> , 2011, 47, 334-336. | 2.2 | 68 |
| 84 | An Axially Chiral, Electron-Deficient Borane: Synthesis, Coordination Chemistry, Lewis Acidity, and Reactivity. <i>Chemistry - A European Journal</i> , 2011, 17, 9406-9414. | 1.7 | 66 |
| 85 | BAR ₃ -Catalyzed Imine Hydroboration with Pinacolborane Not Requiring the Assistance of an Additional Lewis Base. <i>Organometallics</i> , 2017, 36, 2381-2384. | 1.1 | 65 |
| 86 | Tertiary Silyl Alcohols by Diastereoselective Coupling of 1,3-Dienes and Acylsilanes Initiated by Enantioselective Copper-Catalyzed Borylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8211-8215. | 7.2 | 65 |
| 87 | Thwarting β -Hydride Elimination: Capture of the Alkylpalladium Intermediate of an Asymmetric Intramolecular Heck Reaction. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1439-1442. | 7.2 | 64 |
| 88 | Potassium <i>tert</i> -Butoxide-Catalyzed Dehydrogenative Si-H/O Coupling: Reactivity Pattern and Mechanism of an Underappreciated Alcohol Protection. <i>Chemistry - an Asian Journal</i> , 2009, 4, 406-410. | 1.7 | 64 |
| 89 | Base-Free Dehydrogenative Coupling of Enolizable Carbonyl Compounds with Silanes. <i>Organic Letters</i> , 2012, 14, 2842-2845. | 2.4 | 64 |
| 90 | <i>Trans</i> -Selective Radical Silylzincation of Ynamides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11333-11337. | 7.2 | 64 |

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| 91 | Access to Fully Alkylated Germanes by B(C ₆ F ₅) ₃ -Catalyzed Transfer Hydrogermylation of Alkenes. <i>Organic Letters</i> , 2017, 19, 1898-1901. | 2.4 | 64 |
| 92 | Breaking News on the Enantioselective Intermolecular Heck Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2282-2285. | 7.2 | 63 |
| 93 | Copper(I)-Catalyzed Regioselective Propargylic Substitution Involving Si-B Bond Activation. <i>Organic Letters</i> , 2011, 13, 4462-4465. | 2.4 | 61 |
| 94 | Copper(I)-Catalyzed Regio- and Chemoselective Single and Double Addition of Nucleophilic Silicon to Propargylic Chlorides and Phosphates. <i>Organic Letters</i> , 2012, 14, 4010-4013. | 2.4 | 61 |
| 95 | Benchmarkable Stable Stock Solutions of Silicon Grignard Reagents: Application to Iron- and Cobalt-Catalyzed Radical C(sp ³)-Si Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12141-12145. | 7.2 | 60 |
| 96 | Kinetic Resolution of Tertiary Propargylic Alcohols by Enantioselective Cu ^{II} -Catalyzed Si-O Coupling. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1970-1974. | 7.2 | 60 |
| 97 | On the Mechanism of the Reductive Metallation of Asymmetrically Substituted Silyl Chlorides. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 184-195. | 1.2 | 59 |
| 98 | Silylium Ion Promoted Reduction of Imines with Hydrosilanes. <i>Organometallics</i> , 2013, 32, 6643-6646. | 1.1 | 58 |
| 99 | B(C ₆ F ₅) ₃ -Catalyzed Hydrogenation of Oxime Ethers without Cleavage of the N-H Bond. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13278-13281. | 7.2 | 58 |
| 100 | Ligand-controlled diastereodivergent, enantio- and regioselective copper-catalyzed hydroxyalkylboration of 1,3-dienes with ketones. <i>Chemical Science</i> , 2019, 10, 9679-9683. | 3.7 | 58 |
| 101 | BINAP versus BINAP(O) in Asymmetric Intermolecular Mizoroki-Heck Reactions: Substantial Effects on Selectivities. <i>Chemistry - A European Journal</i> , 2011, 17, 11914-11918. | 1.7 | 57 |
| 102 | Cyclohexa-1,4-dienes in transition-metal-free ionic transfer processes. <i>Chemical Science</i> , 2017, 8, 4688-4695. | 3.7 | 57 |
| 103 | Transfer Hydrocyanation of 1- and 1,2-Substituted Styrenes Catalyzed by Boron Lewis Acids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3579-3583. | 7.2 | 56 |
| 104 | Copper-Catalyzed Conjugate Addition of a Bis(triorganosilyl) Zinc and a Methyl(triorganosilyl) Magnesium. <i>Synlett</i> , 2004, 2004, 2139-2142. | 1.0 | 55 |
| 105 | Kinetic resolution of donor-functionalised tertiary alcohols by Cu ^{II} -catalysed stereoselective silylation using a strained silicon-stereogenic silane. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1435. | 1.5 | 55 |
| 106 | A Catalytic S _E Ar Approach to Dibenzosiloles Functionalized at Both Benzene Cores. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10276-10279. | 7.2 | 55 |
| 107 | Catalytic Desymmetrizing Intramolecular Heck Reaction: Evidence for an Unusual Hydroxy-Directed Migratory Insertion. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 149-152. | 7.2 | 54 |
| 108 | Direct Catalytic Access to N-Silylated Enamines from Enolizable Imines and Hydrosilanes by Base-Free Dehydrogenative Si-N Coupling. <i>Chemistry - A European Journal</i> , 2014, 20, 9250-9254. | 1.7 | 54 |

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| 109 | Ferrocene-Stabilized Silicon Cations as Catalysts for Diels-Alder Reactions: Attempted Experimental Quantification of Lewis Acidity and ReactIR Kinetic Analysis. <i>Organometallics</i> , 2014, 33, 302-308. | 1.1 | 53 |
| 110 | Defunctionalisation catalysed by boron Lewis acids. <i>Chemical Science</i> , 2020, 11, 12604-12615. | 3.7 | 53 |
| 111 | Silylzincation of carbon-carbon multiple bonds revisited. <i>Chemical Communications</i> , 2006, , 311-313. | 2.2 | 52 |
| 112 | Expedient access to branched allylic silanes by copper-catalysed allylic substitution of linear allylic halides. <i>Chemical Communications</i> , 2010, 46, 568-570. | 2.2 | 52 |
| 113 | Single-Electron Transfer Reactions in Frustrated and Conventional Silylium Ion/Phosphane Lewis Pairs. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15267-15271. | 7.2 | 52 |
| 114 | Two-Directional Desymmetrization by Double 1,4-Addition of Silicon and Boron Nucleophiles. <i>Organic Letters</i> , 2012, 14, 2406-2409. | 2.4 | 51 |
| 115 | B(C ₆ F ₅) ₃ -Catalyzed Chemoselective Defunctionalization of Ether-Containing Primary Alkyl Tosylates with Hydrosilanes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3389-3391. | 7.2 | 49 |
| 116 | Stereoselective Preparation and Reactions of Cycloalkylzinc Compounds. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 245-246. | 4.4 | 47 |
| 117 | ($\hat{\alpha}$)-Sparteine-Mediated Stereoselective Intramolecular Carbolithiation of 4-Substituted 5-Hexynyl Carbamates. Synthesis of Enantiopure 1,3-Difunctionalized Alkylidene Cyclopentanes. <i>Journal of Organic Chemistry</i> , 1999, 64, 8616-8626. | 1.7 | 46 |
| 118 | Practical Synthesis of Allylic Silanes from Allylic Esters and Carbamates by Stereoselective Copper-Catalyzed Allylic Substitution Reactions. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 637-640. | 2.1 | 46 |
| 119 | Mechanistic insight into copper-catalysed allylic substitutions with bis(triorganosilyl) zincs. Enantiospecific preparation of $\hat{\pm}$ -chiral silanes. <i>Chemical Communications</i> , 2006, , 3643-3645. | 2.2 | 45 |
| 120 | Oxygen Donor-Mediated Equilibration of Diastereomeric Alkene-Palladium(II) Intermediates in Enantioselective Desymmetrizing Heck Cyclizations. <i>Journal of the American Chemical Society</i> , 2007, 129, 13455-13463. | 6.6 | 45 |
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