

# Paul Knochel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1395634/publications.pdf>

Version: 2024-02-01

797  
papers

48,858  
citations

1606

105  
h-index

5965

160  
g-index

877  
all docs

877  
docs citations

877  
times ranked

16504  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Regioselective Magnesium and Zincation Reactions of Aromatics and Heterocycles Triggered by Lewis Acids. Chemistry - A European Journal, 2022, 28, .   | 1.7 | 10        |
| 2  | Preparation of Primary and Secondary Dialkylmagnesiums by a Radical I/Mg Exchange Reaction Using s Bu 2 Mg in Toluene. Angewandte Chemie - International Edition, 2022, , .  | 7.2 | 4         |
| 3  | Herstellung von primären und sekundären Dialkylmagnesiumverbindungen durch eine radikalische I/Mg Austauschreaktion mit $i\text{-s-C}_4\text{H}_9\text{Mg}$ in Toluol. Angewandte Chemie, 2022, 134, .                               | 1.6 | 0         |
| 4  | Reliable Functionalization of 5,6-Fused Bicyclic N-Heterocycles Pyrazolopyrimidines and Imidazopyridazines via Zinc and Magnesium Organometallics. Chemistry - A European Journal, 2022, 28, .                                       | 1.7 | 7         |
| 5  | Continuous Flow Preparation of Benzylic Sodium Organometallics. Angewandte Chemie - International Edition, 2022, 61, .   | 7.2 | 21        |
| 6  | Preparation of Functionalized Amides using Dicarbamoylzincs. Angewandte Chemie - International Edition, 2022, , .  | 7.2 | 6         |
| 7  | Regioselective Magnesiations of Fluorinated Arenes and Heteroarenes Using Magnesium-bis-diisopropylamide (MBDA) in Hydrocarbons. Angewandte Chemie - International Edition, 2022, , .  | 7.2 | 3         |
| 8  | Regioselective magnesiations of functionalized arenes and heteroarenes using $\text{TMP}_2\text{Mg}$ in hydrocarbons. Chemical Communications, 2022, 58, 8774-8777.  | 2.2 | 1         |
| 9  | Continuous Flow Sodiation of Substituted Acrylonitriles, Alkenyl Sulfides and Acrylates. Angewandte Chemie - International Edition, 2021, 60, 731-735.   | 7.2 | 29        |
| 10 | Regioselective Bromine/Magnesium Exchange for the Selective Functionalization of Polyhalogenated Arenes and Heterocycles. Angewandte Chemie - International Edition, 2021, 60, 1513-1518.  | 7.2 | 19        |
| 11 | Regioselektiver Brom/Magnesium-Austausch für die selektive Funktionalisierung von polyhalogenierten Arenen und Heterozyklen. Angewandte Chemie, 2021, 133, 1536-1541.  | 1.6 | 8         |
| 12 | Natriierung von Substituierten Acrylonitrilen, Alkenylsulfiden und Acrylaten im Kontinuierlichen Durchfluss. Angewandte Chemie, 2021, 133, 742-746.  | 1.6 | 12        |
| 13 | Halogen-Lithium Exchange of Sensitive (Hetero)aromatic Halides under Barbier Conditions in a Continuous Flow Set-Up. Synthesis, 2021, 53, 557-568.   | 1.2 | 9         |
| 14 | Preparation and reactions of polyfunctional magnesium and zinc organometallics in organic synthesis. Chemical Science, 2021, 12, 6011-6019.  | 3.7 | 20        |
| 15 | Directed regioselective <i>ortho</i> , <i>ortho</i> -magnesiations of aromatics and heterocycles using $i\text{-s-C}_4\text{H}_9\text{Mg}$ in toluene. Chemical Science, 2021, 12, 8424-8429.  | 3.7 | 13        |
| 16 | Organometallic Synthesis in Flow. , 2021, , .  |     | 0         |
| 17 | Äbergangsmetallfreie Synthese polyfunktioneller Triarylmethane und 1,1-Diaryllkane durch sequentielle Kreuzkupplungen von Benzaldiacetaten mit Organozinkreagenzien. Angewandte Chemie, 2021, 133, 10499-10505.                      | 1.6 | 3         |
| 18 | Transition-Metal-Free Synthesis of Polyfunctional Triarylmethanes and 1,1-Diaryllkanes by Sequential Cross-Coupling of Benzal Diacetates with Organozinc Reagents. Angewandte Chemie - International Edition, 2021, 60, 10409-10414. | 7.2 | 17        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | (2-Ethylhexyl)sodium: A Hexane-Soluble Reagent for Br/Na-Exchanges and Directed Metalations in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14296-14301.                             | 7.2 | 32        |
| 20 | (2-Ethylhexyl)natrium: Ein hexanlösliches Reagenz für Br/Na-Austauschreaktionen und dirigierte Metallierungen im kontinuierlichen Durchfluss. <i>Angewandte Chemie</i> , 2021, 133, 14416-14421.                      | 1.6 | 9         |
| 21 | Frontispiece: (2-Ethylhexyl)sodium: A Hexane-Soluble Reagent for Br/Na-Exchanges and Directed Metalations in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .                          | 7.2 | 0         |
| 22 | Cobalt-Catalyzed Preparation of N-Heterocyclic Organozinc Reagents from the Corresponding Heteroaryl Chlorides. <i>Synthesis</i> , 2021, 53, 4068-4074.   | 1.2 | 3         |
| 23 | Frontispiz: (2-Ethylhexyl)natrium: Ein hexanlösliches Reagenz für Br/Na-Austauschreaktionen und dirigierte Metallierungen im kontinuierlichen Durchfluss. <i>Angewandte Chemie</i> , 2021, 133, .                     | 1.6 | 0         |
| 24 | Continuous Flow Acylation of (Hetero)aryllithiums with Polyfunctional <i>N,N</i> -Dimethylamides and Tetramethylurea in Toluene. <i>Chemistry - A European Journal</i> , 2021, 27, 13977-13981.                       | 1.7 | 11        |
| 25 | Regioselective difunctionalization of pyridines via 3,4-pyridynes. <i>Chemical Science</i> , 2021, 12, 6143-6147.   | 3.7 | 10        |
| 26 | Selective functionalization of the 1-H-imidazo[1,2- <i>b</i> ]pyrazole scaffold. A new potential non-classical isostere of indole and a precursor of push-pull dyes. <i>Chemical Science</i> , 2021, 12, 12993-13000. | 3.7 | 7         |
| 27 | General stereoretentive preparation of chiral secondary mixed alkylmagnesium reagents and their use for enantioselective electrophilic aminations. <i>Chemical Science</i> , 2021, 13, 44-49.                         | 3.7 | 9         |
| 28 | Preparation of Polyfunctionalized Aromatic Nitriles from Aryl Oxazolines. <i>Chemistry - A European Journal</i> , 2021, .   | 1.7 | 4         |
| 29 | Iron-Mediated Electrophilic Amination of Organozinc Halides using Organic Azides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 335-338.   | 7.2 | 21        |
| 30 | Stereoselective C <sup>3</sup> -C <sup>2</sup> Cross-Couplings of Chiral Secondary Alkylzinc Reagents with Alkenyl and Aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 320-324.            | 7.2 | 17        |
| 31 | Stereoselective Preparation and Reactions of Chiral Secondary Alkylolithiums. <i>Synthesis</i> , 2020, 52, 189-196.   | 1.2 | 10        |
| 32 | Eisenvermittelte elektrophile Aminierung von Organozink-Halogeniden mit organischen Aziden. <i>Angewandte Chemie</i> , 2020, 132, 343-346.  | 1.6 | 0         |
| 33 | Cobalt-Catalyzed Cross-Coupling of Functionalized Alkylzinc Reagents with (Hetero)Aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5546-5550.   | 7.2 | 27        |
| 34 | Selective Acylation of Aryl- and Heteroarylmagnesium Reagents with Esters in Continuous Flow. <i>Organic Letters</i> , 2020, 22, 493-496.   | 2.4 | 17        |
| 35 | Recent Advances of the Halogen-Zinc Exchange Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 3688-3697.   | 1.7 | 32        |
| 36 | Stereoselektive C(sp <sup>3</sup> )-C(sp <sup>2</sup> )-Kreuzkupplungen von chiralen sekundären Alkylzinkreagenzien mit Alkenyl- und Arylhalogeniden. <i>Angewandte Chemie</i> , 2020, 132, 328-332.                  | 1.6 | 4         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Stereoselective anti-SN <sup>2</sup> -Substitutions of Secondary Alkylcopper-Zinc Reagents with Allylic Epoxides: Total Synthesis of (3S,6R,7S)-Zingiberenol. <i>Synthesis</i> , 2020, 52, 873-881.  | 1.2 | 7         |
| 38 | A Predictive Model Towards Site-Selective Metalations of Functionalized Heterocycles, Arenes, Olefins, and Alkanes using TMPZnCl <sub>2</sub> ·LiCl. <i>Angewandte Chemie</i> , 2020, 132, 15102-15109.                                      | 1.6 | 8         |
| 39 | Continuous Flow Preparation of (Hetero)benzylic Lithiums via Iodine-Lithium Exchange Reaction under Barbier Conditions. <i>Organic Letters</i> , 2020, 22, 5895-5899.  | 2.4 | 15        |
| 40 | Highly Regioselective Addition of Allylic Zinc Halides and Various Zinc Enolates to [1.1.1]Propellane. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20235-20241.   | 7.2 | 40        |
| 41 | Hoch regioselektive Addition von allylischen Zinkhalogeniden und verschiedenen Zinkenolaten an [1.1.1]Propellan. <i>Angewandte Chemie</i> , 2020, 132, 20412-20418.  | 1.6 | 8         |
| 42 | Titelbild: Herstellung funktioneller Aryl-, Heteroaryl- und benzylicher Organokalium-Spezies mittels Kaliumdiisopropylamid im kontinuierlichen Durchfluss ( <i>Angew. Chem.</i> 30/2020). <i>Angewandte Chemie</i> , 2020, 132, 12321-12321. | 1.6 | 0         |
| 43 | Regioselective functionalization of aryl azoles as powerful tool for the synthesis of pharmaceutically relevant targets. <i>Nature Communications</i> , 2020, 11, 4443.  | 5.8 | 21        |
| 44 | Continuous-Flow Reactions Mediated by Main Group Organometallics. <i>Synlett</i> , 2020, 31, 1880-1887.  | 1.0 | 15        |
| 45 | A Predictive Model Towards Site-Selective Metalations of Functionalized Heterocycles, Arenes, Olefins, and Alkanes using TMPZnCl <sub>2</sub> ·LiCl. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14992-14999.               | 7.2 | 20        |
| 46 | Regio- and diastereoselective reactions of chiral secondary alkylcopper reagents with propargylic phosphates: preparation of chiral allenes. <i>Chemical Science</i> , 2020, 11, 5328-5332.  | 3.7 | 8         |
| 47 | Diastereo- and Enantioselective Cross-Couplings of Secondary Alkylcopper Reagents with $\alpha$ -Halogeno-Unsaturated Carbonyl Derivatives. <i>Chemistry - A European Journal</i> , 2020, 26, 11971-11973.                                   | 1.7 | 6         |
| 48 | Pyrrole-Protected $\beta$ -Aminoalkylzinc Reagents for the Enantioselective Synthesis of Amino-Derivatives. <i>Chemistry - A European Journal</i> , 2020, 26, 8951-8957.   | 1.7 | 6         |
| 49 | Preparation of Functionalized Aryl, Heteroaryl, and Benzylic Potassium Organometallics Using Potassium Diisopropylamide in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12321-12325.                        | 7.2 | 24        |
| 50 | Herstellung funktioneller Aryl-, Heteroaryl- und benzylicher Organokalium-Spezies mittels Kaliumdiisopropylamid im kontinuierlichen Durchfluss. <i>Angewandte Chemie</i> , 2020, 132, 12419-12424.   | 1.6 | 11        |
| 51 | Frontispiece: Recent Advances of the Halogen-Zinc Exchange Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, .   | 1.7 | 0         |
| 52 | Cobalt-Catalyzed Csp <sup>3</sup> -Csp <sup>3</sup> Cross-Coupling of Functionalized Alkylzinc Reagents with Alkyl Iodides. <i>Organic Letters</i> , 2020, 22, 3028-3032.  | 2.4 | 17        |
| 53 | Preparation and Reactions of (1H-Tetrazol-5-yl)zinc Pivalates. <i>Synthesis</i> , 2020, 52, 2357-2363.   | 1.2 | 4         |
| 54 | Preparation of Tertiary Amines from Tris(2-cyanoethyl)amine Using Three Successive Cobalt-Catalyzed Electrophilic Aminations with Organozinc Halides. <i>Organic Letters</i> , 2020, 22, 1947-1950.  | 2.4 | 9         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Cobalt-katalysierte Kreuzkupplung funktionalisierter Alkylzinkreagenzien mit (Hetero)Arylhalogeniden. <i>Angewandte Chemie</i> , 2020, 132, 5591-5595.  | 1.6 | 4         |
| 56 | Stereoselective Cobalt-Catalyzed Cross-Coupling Reactions of Arylzinc Chlorides with $\pm$ -Bromolactones and Related Derivatives. <i>Organic Letters</i> , 2020, 22, 1286-1289.  | 2.4 | 14        |
| 57 | Functionalization of 1,3,4-Oxadiazoles and 1,2,4-Triazoles via Selective Zincation or Magnesiumation Using 2,2,6,6-Tetramethylpiperidyl Bases. <i>Organic Letters</i> , 2020, 22, 1899-1902.  | 2.4 | 20        |
| 58 | Iron-Catalyzed Cross-Coupling of Bis-(aryl)manganese Nucleophiles with Alkenyl Halides: Optimization and Mechanistic Investigations. <i>Molecules</i> , 2020, 25, 723.  | 1.7 | 5         |
| 59 | Preparation of Polyfunctional Arylzinc Organometallics in Toluene by Halogen/Zinc Exchange Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12898-12902.   | 7.2 | 29        |
| 60 | Cobalt-catalyzed acylation-reactions of (hetero)arylzinc pivalates with thiopyridyl ester derivatives. <i>Chemical Science</i> , 2019, 10, 8241-8245.   | 3.7 | 26        |
| 61 | Steric-Hindrance Triggered Remote Lithiations of Bulky Silyl-Substituted Arenes. <i>Synthesis</i> , 2019, 51, 3536-3544.  | 1.2 | 3         |
| 62 | Iron-Catalyzed Cross-Coupling of Functionalized Benzylmanganese Halides with Alkenyl Iodides, Bromides, and Triflates. <i>Organic Letters</i> , 2019, 21, 8684-8688.  | 2.4 | 13        |
| 63 | Chromium(II)-Catalyzed Diastereoselective and Chemoselective $C_{sp^2} \rightarrow C_{sp^3}$ Cross-Couplings Using Organomagnesium Reagents. <i>Journal of the American Chemical Society</i> , 2019, 141, 18127-18135.                          | 6.6 | 51        |
| 64 | Herstellung von polyfunktionellen Biarylderivaten durch Cyclolanthanie von 2-Bromobiarylen und heterocyclischen Analoga unter Verwendung von $n\text{-Bu}_2\text{LaCl} \cdot 4\text{LiCl}$ . <i>Angewandte Chemie</i> , 2019, 131, 15777-15782. | 1.6 | 6         |
| 65 | Preparation of Polyfunctional Biaryl Derivatives by Cyclolanthanie of 2-Bromobiaryls and Heterocyclic Analogues Using $n\text{-Bu}_2\text{LaCl} \cdot 4\text{LiCl}$ . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15631-15635. | 7.2 | 24        |
| 66 | Thiolation of Pyridine-2-sulfonamides using Magnesium Thiolates. <i>Synthesis</i> , 2019, 51, 4452-4462.  | 1.2 | 4         |
| 67 | The Halogen-Samarium Exchange Reaction: Synthetic Applications and Kinetics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4046-4050.  | 7.2 | 19        |
| 68 | Die Halogen-Samarium-Austauschreaktion: Synthetische Anwendungen und Kinetik. <i>Angewandte Chemie</i> , 2019, 131, 4086-4090.  | 1.6 | 8         |
| 69 | Preparation of 2-Deoxy-2-spirocyclopropylcytidine via an Alternative Cyclopropanation Reaction. <i>Journal of Organic Chemistry</i> , 2019, 84, 4910-4914.  | 1.7 | 5         |
| 70 | Lewis-Äure-dirigierte regioselektive Metallierungen an Pyridazin. <i>Angewandte Chemie</i> , 2019, 131, 9344-9348.  | 1.6 | 11        |
| 71 | Copper- and Cobalt-Catalyzed Syntheses of Thiophene-Based Tertiary Amines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3244-3258.  | 1.2 | 8         |
| 72 | Lewis Acid Directed Regioselective Metalations of Pyridazine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9244-9247.   | 7.2 | 20        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Chromium-Catalyzed Cross-Couplings and Related Reactions. <i>Synthesis</i> , 2019, 51, 2100-2106.   | 1.2 | 24        |
| 74 | Magnesium Aldimines Prepared by Addition of Organomagnesium Halides to 2,4,6-Trichlorophenyl Isocyanide: Synthesis of 1,2-Dicarbonyl Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 9415-9418.                        | 1.7 | 8         |
| 75 | SpÄtphasenfunktionalisierung von Peptiden und Cyclopeptiden mithilfe von Organozinkreagenzien. <i>Angewandte Chemie</i> , 2019, 131, 8316-8320.   | 1.6 | 7         |
| 76 | Late-Stage Functionalization of Peptides and Cyclopeptides Using Organozinc Reagents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8231-8234.   | 7.2 | 26        |
| 77 | Cobalt-Catalyzed Cross-Couplings and Electrophilic Aminations using Organozinc Pivalates. <i>ChemCatChem</i> , 2019, 11, 5188-5197.   | 1.8 | 26        |
| 78 | Amination of 2-Pyridinesulfonic and 8-Quinolinesulfonic Acids with Magnesium Amides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5165-5168.  | 1.2 | 5         |
| 79 | Cobalt-Catalyzed Cross-Couplings and Electrophilic Aminations using Organozinc Pivalates. <i>ChemCatChem</i> , 2019, 11, 5157-5157.   | 1.8 | 0         |
| 80 | Herstellung von polyfunktionellen Arylzinkreagenzien in Toluol mittels Halogen/Zink-Austauschreaktionen. <i>Angewandte Chemie</i> , 2019, 131, 13030-13034.   | 1.6 | 10        |
| 81 | Improving the Halogen-Magnesium Exchange by using New Turbo-Grignard Reagents. <i>Chemistry - A European Journal</i> , 2019, 25, 2695-2703.   | 1.7 | 91        |
| 82 | Late Stage Functionalization of Secondary Amines via a Cobalt-Catalyzed Electrophilic Amination of Organozinc Reagents. <i>Organic Letters</i> , 2019, 21, 494-497.   | 2.4 | 35        |
| 83 | Practical Ni-Catalyzed Cross-Coupling of Unsaturated Zinc Pivalates with Unsaturated Nonaflates and Triflates. <i>Organic Letters</i> , 2019, 21, 36-39.  | 2.4 | 21        |
| 84 | Cobalt-Catalyzed Electrophilic Aminations with Anthranils: An Expedient Route to Condensed Quinolines. <i>Journal of the American Chemical Society</i> , 2019, 141, 98-103.   | 6.6 | 84        |
| 85 | Hoch regioselektive Fernlithierung von funktionalisierten 1,3-bissilylierten Arenen. <i>Angewandte Chemie</i> , 2019, 131, 1852-1856.   | 1.6 | 4         |
| 86 | Copper-Catalyzed Electrophilic Thiolation of Organozinc Halides by Using <i>N</i> -Thiophthalimides Leading to Polyfunctional Thioethers. <i>Chemistry - A European Journal</i> , 2019, 25, 3752-3755.                                | 1.7 | 29        |
| 87 | Regio- and Stereoselective Allylic Substitutions of Chiral Secondary Alkylcopper Reagents: Total Synthesis of (+)-Lasiol, (+)-13-Norfaranal, and (+)-Faranal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1509-1514. | 7.2 | 22        |
| 88 | Regio- und stereoselektive allylische Substitutionen chiraler sekundärer Alkylkupferverbindungen: Totalsynthese von (+)-Lasiol, (+)-13-Norfaranal und (+)-Faranal. <i>Angewandte Chemie</i> , 2019, 131, 1523-1527. <sup>6</sup>      | 7.6 | 8         |
| 89 | Highly Regioselective Remote Lithiation of Functionalized 1,3-bis-silylated Arenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1838-1841.   | 7.2 | 14        |
| 90 | Preparation of Optically Enriched Secondary Alkylolithium and Alkylcopper Reagents - Synthesis of (âˆ-)Lardolure and Siphonarional. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5516-5519.                           | 7.2 | 28        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Generation of Aryl and Heteroaryl Magnesium Reagents in Toluene by Br/Mg or Cl/Mg Exchange. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6701-6704.                            | 7.2 | 41        |
| 92  | Diastereoselective Copper-Mediated Cross-Couplings between Stereodefined Secondary Alkylcoppers with Bromoalkynes. <i>Organic Letters</i> , 2018, 20, 2365-2368.                               | 2.4 | 21        |
| 93  | Cobalt-Catalyzed Diastereoselective Cross-Couplings between Alkynylzinc Pivalates and Functionalized Cyclic Iodides or Bromides. <i>Organic Letters</i> , 2018, 20, 2441-2444.                 | 2.4 | 28        |
| 94  | Cobalt-katalysierte elektrophile Aminierung von Aryl- und Heteroarylzinkpivalaten mit <i>N</i> -Hydroxylaminbenzoaten. <i>Angewandte Chemie</i> , 2018, 130, 1120-1124.                        | 1.6 | 27        |
| 95  | Herstellung enantiomerenangereicherter sekundärer Alkylolithium- und Alkylkupferverbindungen – Synthese von (S)-Lisdoluren und Siphonarien. <i>Angewandte Chemie</i> , 2018, 130, 5614-5617.   | 1.6 | 14        |
| 96  | Regioselective C-H Activation of Substituted Pyridines and other Azines using Mg- and Zn-TMP-Bases. <i>SynOpen</i> , 2018, 02, 0078-0095.  | 0.8 | 39        |
| 97  | Zincation and Magnesiation of Functionalized Silylated Cyanoaldehyds Using TMP-Bases. <i>Synthesis</i> , 2018, 50, 155-169.  | 1.2 | 12        |
| 98  | Iron-Catalyzed C(sp <sup>2</sup> )-C(sp <sup>3</sup> ) Cross-Coupling Reactions of Di(hetero)arylmanganese Reagents and Primary and Secondary Alkyl Halides. <i>Synlett</i> , 2018, 29, 65-70. | 1.0 | 5         |
| 99  | Oriented Films of Conjugated 2D Covalent Organic Frameworks as Photocathodes for Water Splitting. <i>Journal of the American Chemical Society</i> , 2018, 140, 2085-2092.                      | 6.6 | 320       |
| 100 | Cobalt-Catalyzed Electrophilic Amination of Aryl- and Heteroarylzinc Pivalates with <i>N</i> -Hydroxylamine Benzoates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1108-1111. | 7.2 | 77        |
| 101 | Synthesis of Functionalized Diaryl Sulfides by Cobalt-Catalyzed Coupling between Arylzinc Pivalates and Diaryl Disulfides. <i>Organic Letters</i> , 2018, 20, 7581-7584.                       | 2.4 | 60        |
| 102 | Amination of Phosphorodiamidate-Substituted Pyridines and Related <i>N</i> -Heterocycles with Magnesium Amides. <i>Organic Letters</i> , 2018, 20, 8057-8060.                                  | 2.4 | 15        |
| 103 | Mild Homologation of Esters through Continuous Flow Chloroacetate Claisen Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17249-17253.                                 | 7.2 | 27        |
| 104 | Milde Chlorhomologisierung von Estern durch Chloracetat-Claisen-Reaktion unter kontinuierlichen Durchflussbedingungen. <i>Angewandte Chemie</i> , 2018, 130, 17496-17500.                      | 1.6 | 7         |
| 105 | Cobalt-Catalyzed Cross-Couplings between Alkenyl Acetates and Aryl or Alkenyl Zinc Pivalates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11436-11440.                        | 7.2 | 39        |
| 106 | Cobalt-katalysierte Kreuzkupplung zwischen Alkenylacetaten und Aryl- oder Alkenylzinkpivalaten. <i>Angewandte Chemie</i> , 2018, 130, 11607-11611.   | 1.6 | 13        |
| 107 | Preparation and Reactions of Mono- and Bis-Pivaloyloxylzinc Acetylides. <i>Organic Letters</i> , 2018, 20, 4601-4605.  | 2.4 | 16        |
| 108 | Regioselective Metalation and Functionalization of the Pyrazolo[1,5- <i>a</i> ]pyridine Scaffold Using Mg- and Zn-TMP Bases. <i>Organic Letters</i> , 2018, 20, 3114-3118.                     | 2.4 | 25        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | Generierung von Aryl- und Heteroaryl-magnesium-Reagenzien in Toluol mittels Br/Mg- oder Cl/Mg-Austausch. <i>Angewandte Chemie</i> , 2018, 130, 6811-6815.  | 1.6 | 17        |
| 110 | Synthesis of Polyfunctionalized Triaryllanthanum Reagents by Using Ph <sub>3</sub> La and Related Species as Exchange Reagents. <i>Chemistry - A European Journal</i> , 2018, 24, 11103-11109.                 | 1.7 | 22        |
| 111 | Directed Zincation or Magnesiumation of 2- and 4-Pyrones and Their Derivatives. <i>Synthesis</i> , 2018, 50, 4383-4394.  | 1.2 | 10        |
| 112 | Diastereoselective Intramolecular Carbolithiations of Stereodefined Secondary Alkylolithiums Bearing a Remote Alkynylsilane. <i>Organic Letters</i> , 2018, 20, 3518-3521.                                     | 2.4 | 8         |
| 113 | Sodiation of Arenes and Heteroarenes in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10748-10751.   | 7.2 | 46        |
| 114 | Natriierung von Aromaten und Heteroaromaten im kontinuierlichen Durchfluss. <i>Angewandte Chemie</i> , 2018, 130, 10908-10911.   | 1.6 | 17        |
| 115 | Transition-Metal-Free Amination of Pyridine-2-sulfonyl Chloride and Related <i>N</i> -Heterocycles Using Magnesium Amides. <i>Organic Letters</i> , 2017, 19, 536-539.   | 2.4 | 29        |
| 116 | Large-Scale Cobalt-Catalyzed Cross-Couplings of Functionalized Bench-Stable Arylzinc Pivalates with (Hetero)Aryl and Alkenyl Halides. <i>Synthesis</i> , 2017, 49, 3925-3930.                                  | 1.2 | 12        |
| 117 | Barbier Continuous Flow Preparation and Reactions of Carbamoyllithiums for Nucleophilic Amidation. <i>Chemistry - A European Journal</i> , 2017, 23, 10280-10284.  | 1.7 | 31        |
| 118 | Selective Zincation of 1,2-Dicyanobenzene and Related Benzonitriles in Continuous Flow Using In Situ Trapping Metalations. <i>Synlett</i> , 2017, 28, 2817-2822.   | 1.0 | 11        |
| 119 | Pore wall fluorescence labeling of covalent organic frameworks. <i>CrystEngComm</i> , 2017, 19, 4886-4891.   | 1.3 | 30        |
| 120 | Recent Advances in Cobalt-Catalyzed Csp <sup>2</sup> and Csp <sup>3</sup> Cross-Couplings. <i>Synthesis</i> , 2017, 49, 3887-3894.   | 1.2 | 40        |
| 121 | Solid Organozinc Pivalates: A New Class of Zinc Organometallics with Greatly Enhanced Air- and Moisture-Stability. <i>Synthesis</i> , 2017, 49, 3215-3223.   | 1.2 | 36        |
| 122 | Zinc-Catalyzed Esterification of <i>N</i> -Hydroxyethylamides: Removal of Directing Groups under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5010-5014.                        | 1.2 | 27        |
| 123 | Herstellung und Anwendung von festen, salzstabilisierten Zinkamidolaten mit verbesserter Luftstabilität. <i>Angewandte Chemie</i> , 2017, 129, 4683-4687.  | 1.6 | 24        |
| 124 | Practical Large-Scale Regioselective Zincation of Chromone Using TMPZnCl·LiCl Triggered by the Presence or Absence of MgCl <sub>2</sub> . <i>Organic Process Research and Development</i> , 2017, 21, 660-663. | 1.3 | 21        |
| 125 | Selective Lithiation, Magnesiumation, and Zincation of Unsymmetrical Azobenzenes Using Continuous Flow. <i>Organic Letters</i> , 2017, 19, 1666-1669.  | 2.4 | 17        |
| 126 | Preparation and Application of Solid, Salt-Stabilized Zinc Amide Enolates with Enhanced Air and Moisture Stability. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4612-4616.                    | 7.2 | 36        |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Selective Metalations of 1,4-Dithiins and Condensed Analogues Using TMP-Magnesium and -Zinc Bases. <i>Organic Letters</i> , 2017, 19, 360-363.  | 2.4 | 23        |
| 128 | A Robust and Broadly Applicable Cobalt-Catalyzed Cross-Coupling of Functionalized Bench-Stable Organozinc Pivalates with Unsaturated Halides. <i>Angewandte Chemie</i> , 2017, 129, 1102-1106.  | 1.6 | 17        |
| 129 | A Robust and Broadly Applicable Cobalt-Catalyzed Cross-Coupling of Functionalized Bench-Stable Organozinc Pivalates with Unsaturated Halides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1082-1086.   | 7.2 | 41        |
| 130 | Synthese von Bicyclo[1.1.1]pentan-Bioisosteren von internen Alkinen und para-disubstituierten Benzolen unter Verwendung von [1.1.1]Propellan. <i>Angewandte Chemie</i> , 2017, 129, 12949-12953.  | 1.6 | 37        |
| 131 | Directed Zincation or Magnesiumation of the 2-Pyridone and 2,7-Naphthyridone Scaffold Using TMP Bases. <i>Organic Letters</i> , 2017, 19, 5760-5763.  | 2.4 | 27        |
| 132 | Preparation of Functionalized Diaryl- and Diheteroaryl Lanthanum Reagents by Fast Halogen-Lanthanum Exchange. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16390-16394.   | 7.2 | 23        |
| 133 | Synthesis and Bioactivity of Novel N-Benzyl and N-Phenethyl Ephedrine Derivatives. <i>Synthesis</i> , 2017, 49, 5159-5166.  | 1.2 | 3         |
| 134 | Nickel-Catalyzed Cross-Coupling of Functionalized Organo-Manganese Reagents with Aryl and Heteroaryl Halides Promoted by 4-Fluorostyrene. <i>Synthesis</i> , 2017, 49, 5396-5412.   | 1.2 | 6         |
| 135 | Front Cover: Zinc-Catalyzed Esterification of N- $\beta$ -Hydroxyethylamides: Removal of Directing Groups under Mild Conditions ( <i>Eur. J. Org. Chem.</i> 34/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4995-4995.                           | 1.2 | 0         |
| 136 | Synthesis of Polyfunctional Diorganomagnesium and Diorganozinc Reagents through In Situ Trapping Halogen-Lithium Exchange of Highly Functionalized (Hetero)aryl Halides in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12770-12773. | 7.2 | 30        |
| 137 | Herstellung fester polyfunktioneller Alkynylzinkpivalate mit verbesserter Luft- und Feuchtigkeitsstabilität. <i>Angewandte Chemie</i> , 2017, 129, 9364-9368.   | 1.6 | 9         |
| 138 | Synthese von Diorganomagnesium- und Diorganozinkverbindungen durch In-Situ-Abfang-Halogen-Lithium-Austausch an hochfunktionalisierten (Hetero)arylhalogeniden im kontinuierlichen Durchfluss. <i>Angewandte Chemie</i> , 2017, 129, 12944-12948.                      | 1.6 | 13        |
| 139 | Zn-, Mg-, and Li-TMP Bases for the Successive Regioselective Metalations of the 1,5-Naphthyridine Scaffold (TMP=2,2,6,6-tetramethylpiperidyl). <i>Chemistry - A European Journal</i> , 2017, 23, 13046-13050.   | 1.7 | 36        |
| 140 | Synthesis of Bicyclo[1.1.1]pentane Bioisosteres of Internal Alkynes and para-disubstituted Benzenes from [1.1.1]Propellane. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12774-12777.   | 7.2 | 149       |
| 141 | Preparation of Polyfunctional Naphthyridines by Cobalt-Catalyzed Cross-Couplings of Halogenated Naphthyridines with Magnesium and Zinc Organometallics. <i>Organic Letters</i> , 2017, 19, 6384-6387.   | 2.4 | 17        |
| 142 | Herstellung von funktionalisierten Diaryl- und Diheteroaryl-Lanthanreagenzien mittels eines schnellen Halogen-Lanthan-Austausches. <i>Angewandte Chemie</i> , 2017, 129, 16608-16612.   | 1.6 | 16        |
| 143 | Cobalt-Catalyzed Cross-Couplings of Bench-Stable Alkynylzinc Pivalates with (Hetero)Aryl and Alkenyl Halides. <i>Organic Letters</i> , 2017, 19, 3847-3850.   | 2.4 | 25        |
| 144 | Preparation of Solid Polyfunctional Alkynylzinc Pivalates with Enhanced Air and Moisture Stability for Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9236-9239.   | 7.2 | 26        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | Cobalt-Catalyzed Reductive Cross-Coupling Between Styryl and Benzyl Halides. <i>Chemistry - A European Journal</i> , 2017, 23, 250-253.   | 1.7 | 34        |
| 146 | Preparation of Polyfunctional Organozinc Halides by an $\text{InX}_3$ and $\text{LiCl}$ -Catalyzed Zinc Insertion to Aryl and Heteroaryl Iodides and Bromides. <i>Chemistry - A European Journal</i> , 2017, 23, 778-782.   | 1.7 | 9         |
| 147 | Milde Cobalt-katalysierte Negishi-Kreuzkupplungen von (Hetero)Arylzinkreagentien mit (Hetero)Arylhalogeniden. <i>Angewandte Chemie</i> , 2016, 128, 3873-3877.  | 1.6 | 10        |
| 148 | Mild Cobalt-Catalyzed Negishi Cross-Couplings of (Hetero)arylzinc Reagents with (Hetero)aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3809-3812.   | 7.2 | 36        |
| 149 | Polyfunctional Lithium, Magnesium, and Zinc Alkenyl Reagents as Building Blocks for the Synthesis of Complex Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5332-5336.  | 7.2 | 22        |
| 150 | Cobalt-Catalyzed $\text{C}(\text{sp}^2)\text{-C}(\text{sp}^3)$ Cross-Coupling Reactions of Diarylmanganese Reagents with Secondary Alkyl Iodides. <i>Organic Letters</i> , 2016, 18, 6456-6459.   | 2.4 | 21        |
| 151 | Directed Zincation with $\text{TMPZnCl}\cdot\text{LiCl}$ and Further Functionalization of the Tropolone Scaffold. <i>Organic Letters</i> , 2016, 18, 6380-6383.   | 2.4 | 18        |
| 152 | Synchronized Offset Stacking: A Concept for Growing Large-Domain and Highly Crystalline 2D Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2016, 138, 16703-16710.   | 6.6 | 199       |
| 153 | Stereoselective Synthesis of Secondary Alkylolithiums and Their Application to Stereoselective Cuprations or Intramolecular Carbolithiations for the Stereoselective Synthesis of Alkylidene-Cyclobutanes. <i>Synthesis</i> , 2016, 48, 3141-3154.                              | 1.2 | 9         |
| 154 | Chromium-Catalyzed Cross-Coupling Reactions of Alkylmagnesium Reagents with Halo-Quinolines and Activated Aryl Chlorides. <i>Synthesis</i> , 2016, 49, 188-194.   | 1.2 | 10        |
| 155 | Synthesis of Complex Druglike Molecules by the Use of Highly Functionalized Bench-Stable Organozinc Reagents. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13714-13718.   | 7.2 | 53        |
| 156 | Synthesis of Pyrrolo[2,3- <i>cd</i> ]pyrimidines by Copper-Mediated Carbomagnesiations of <i>N</i> -Sulfonyl Ynamides and Application to the Preparation of Rigidin...A and a 7- <i>Azaserotonin</i> Derivative. <i>Chemistry - A European Journal</i> , 2016, 22, 14397-14400. | 1.7 | 18        |
| 157 | Diastereoselective Cobalt-Mediated Cross-Couplings of Cycloalkyl Iodides with Alkynyl or (Hetero)Aryl Grignard Reagents. <i>Organic Letters</i> , 2016, 18, 4778-4781.  | 2.4 | 25        |
| 158 | Iron-Catalyzed Acylation of Polyfunctionalized Aryl- and Benzylzinc Halides with Acid Chlorides. <i>Organic Letters</i> , 2016, 18, 3626-3629.  | 2.4 | 21        |
| 159 | Regioselective Transition-Metal-Free Allyl-Allyl Cross-Couplings. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10502-10506.   | 7.2 | 19        |
| 160 | Synthesis of Complex Druglike Molecules by the Use of Highly Functionalized Bench-Stable Organozinc Reagents. <i>Angewandte Chemie</i> , 2016, 128, 13918-13922.  | 1.6 | 22        |
| 161 | Regioselektive Allyl-Allyl-Kreuzkupplungen ohne Übergangsmetallkatalysator. <i>Angewandte Chemie</i> , 2016, 128, 10658-10662.  | 1.6 | 8         |
| 162 | Polyfunktionelle Lithium-, Magnesium- und Zinkalkenyl-Reagentien als Grundbausteine für die Synthese komplexer Heterocyclen. <i>Angewandte Chemie</i> , 2016, 128, 5418-5422.   | 1.6 | 3         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Stereoselective Synthesis and Retentive Trapping of $\beta$ -Chiral Secondary Alkylolithiums Leading to Stereodefined $\beta$ -Dimethyl Carboxylic Esters. <i>Chemistry - A European Journal</i> , 2016, 22, 9962-9965. | 1.7 | 16        |
| 164 | Synthesis and Reactivity of Triazaphenanthrenes. <i>Organic Letters</i> , 2016, 18, 3158-3161.  | 2.4 | 10        |
| 165 | Polyfunctional Zinc and Magnesium Organometallics for Organic Synthesis: Some Perspectives. <i>Synthesis</i> , 2016, 48, 1101-1107.   | 1.2 | 53        |
| 166 | A practical cobalt-catalyzed cross-coupling of benzylic zinc reagents with aryl and heteroaryl bromides or chlorides. <i>Chemical Communications</i> , 2016, 52, 3171-3174.   | 2.2 | 38        |
| 167 | Preparation of Functionalized 2,7-Naphthyridines by Directed Lithiation with (2,2,6,6-Tetramethylpiperidyl)lithium and Their Regioselective Iron-Catalyzed Cross Couplings. <i>Synlett</i> , 2016, 27, 231-236.         | 1.0 | 6         |
| 168 | <i>Cine</i> Substitution with Arylzinc Reagents: Scope and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2016, 81, 2804-2816.  | 1.7 | 20        |
| 169 | Sc(OTf) <sub>3</sub> -Catalyzed Addition of Bromomagnesium 2-Vinyloxy Ethoxide to Various Aldehydes Leading to Protected Aldol Products. <i>Synlett</i> , 2016, 27, 1715-1719.  | 1.0 | 8         |
| 170 | Functionalizations of Mixtures of Regioisomeric Aryllithium Compounds by Selective Trapping with Dichlorozirconocene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 401-404.                             | 7.2 | 15        |
| 171 | Lewis Acid Triggered Regioselective Magnesiumation and Zincation of Uracils, Uridines, and Cytidines. <i>Organic Letters</i> , 2016, 18, 1068-1071.   | 2.4 | 17        |
| 172 | Iron-Catalyzed Cross-Coupling of Benzylic Manganese Chlorides with Aryl and Heteroaryl Halides. <i>Synlett</i> , 2016, 27, 471-476.   | 1.0 | 12        |
| 173 | Continuous Flow Magnesiumation or Zincation of Acrylonitriles, Acrylates, and Nitroolefins. Application to the Synthesis of Butenolides. <i>Organic Letters</i> , 2016, 18, 828-831.                                    | 2.4 | 35        |
| 174 | Recent Developments in Negishi Cross-Coupling Reactions. <i>ACS Catalysis</i> , 2016, 6, 1540-1552.   | 5.5 | 317       |
| 175 | High-Temperature Continuous-Flow Zincations of Functionalized Arenes and Heteroarenes Using (Cy) <sub>2</sub> N <sub>2</sub> Zn·2LiCl. <i>Organic Letters</i> , 2016, 18, 1462-1465.                                    | 2.4 | 29        |
| 176 | From benzodithiophene to diethoxy-benzodithiophene covalent organic frameworks – structural investigations. <i>CrystEngComm</i> , 2016, 18, 4295-4302.  | 1.3 | 27        |
| 177 | Stereoselektive Synthese und Reaktionen von in Position 3 funktionalisierten sekundären Alkylolithiumverbindungen. <i>Angewandte Chemie</i> , 2015, 127, 2793-2796.   | 1.6 | 20        |
| 178 | Stereoselective Retentive Domino Transmetalations of Secondary Alkylolithium Compounds to Functionalized Secondary Alkylcopper Reagents. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10963-10967.      | 7.2 | 19        |
| 179 | Stereoselective Preparation of Polyfunctional Alkenylindium(III) Halides and Their Cross-Coupling with Unsaturated Halides. <i>Chemistry - A European Journal</i> , 2015, 21, 7061-7065.                                | 1.7 | 22        |
| 180 | Praktische kontinuierliche Durchfluss-Abfangmetallierungen funktionalisierter Arene und Heteroarene mit TMPLi in Gegenwart von Mg, Zn, Cu oder La-Halogeniden. <i>Angewandte Chemie</i> , 2015, 127, 12681-12685.       | 1.7 | 21        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 181 | Practical Continuous-Flow Trapping Metalations of Functionalized Arenes and Heteroarenes Using TMPLi in the Presence of Mg, Zn, Cu, or La Halides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12501-12505.     | 7.2 | 67        |
| 182 | Bis(pyrazolyl)methane Copper Complexes as Robust and Efficient Catalysts for Sonogashira Couplings. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7475-7483.  | 1.2 | 16        |
| 183 | Soluble Adamantyl-Substituted Oligothiophenes with Short Fluorescence Decay: An Approach for Ultrafast Optical Signal Processing. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 763-769.                                  | 1.3 | 5         |
| 184 | Preparation of Solid, Substituted Allylic Zinc Reagents and Their Reactions with Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10662-10665.  | 7.2 | 46        |
| 185 | Synthesis of Polyfunctional Secondary Amines by the Reaction of Functionalized Organomagnesium Reagents with Tertiary Nitroalkanes. <i>Synthesis</i> , 2015, 47, 3246-3256.  | 1.2 | 12        |
| 186 | Cluster Preface: Resurgence of Synthetic Aromatic Chemistry. <i>Synlett</i> , 2015, 26, 2782-2783.   | 1.0 | 0         |
| 187 | Preparation of a New Spirobi[thieno[2,3-c]pyran] and Its Selective Mono- and Dimetalation: Application for the Preparation of Soluble Conjugated Oligothiophenes and Pyrene Derivatives. <i>Synthesis</i> , 2015, 47, 3972-3982. | 1.2 | 6         |
| 188 | Selective Metalation of 1,3-Dithiole-2-thiones: An Effective Preparation of New Symmetrically and Nonsymmetrically Tetraarylated Tetrathiafulvalenes. <i>Synthesis</i> , 2015, 48, 103-114.                                      | 1.2 | 7         |
| 189 | Cobalt-Catalyzed Negishi Cross-Coupling Reactions of (Hetero)Arylzinc Reagents with Primary and Secondary Alkyl Bromides and Iodides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4478-4481.                    | 7.2 | 80        |
| 190 | Preparation of Tri- and Tetrasubstituted Allenes via Regioselective Lateral Metalation of Benzylic (Trimethylsilyl)alkynes Using $\text{TMPZnCl}\cdot\text{LiCl}$ . <i>Organic Letters</i> , 2015, 17, 1010-1013.                | 2.4 | 17        |
| 191 | Chemoselective Chromium(II)-Catalyzed Cross-Coupling Reactions of Dichlorinated Heteroaromatics with Functionalized Aryl Grignard Reagents. <i>Chemistry - A European Journal</i> , 2015, 21, 1961-1965.                         | 1.7 | 35        |
| 192 | Room Temperature Synthesis of Covalent Organic Framework Films through Vapor-Assisted Conversion. <i>Journal of the American Chemical Society</i> , 2015, 137, 1016-1019.  | 6.6 | 257       |
| 193 | Stereoselective Synthesis and Reactions of Secondary Alkyl lithium Reagents Functionalized at the 3-Position. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2754-2757.  | 7.2 | 29        |
| 194 | Synthesis of polyfunctional secondary amines by the addition of functionalized zinc reagents to nitrosoarenes. <i>Chemical Communications</i> , 2015, 51, 3239-3242.   | 2.2 | 42        |
| 195 | $\text{C}_{60}$ -Catalyzed Preparation of Aryl and Heteroaryl Magnesium and Zinc Reagents Using $\text{Mg/LiCl}$ . <i>ACS Catalysis</i> , 2015, 5, 2324-2328.  | 5.5 | 19        |
| 196 | New Preparation of Benzylic Manganese Chlorides by the Direct Insertion of Magnesium into Benzylic Chlorides in the Presence of $\text{MnCl}_2\cdot 2\text{LiCl}$ . <i>Synlett</i> , 2015, 26, 514-518.                          | 1.0 | 12        |
| 197 | Chromium(II)-Catalyzed Amination of N-Heterocyclic Chlorides with Magnesium Amides. <i>Synlett</i> , 2015, 26, 1049-1054.  | 1.0 | 13        |
| 198 | Practical Iron- and Cobalt-Catalyzed Cross-Coupling Reactions between N-Heterocyclic Halides and Aryl or Heteroaryl Magnesium Reagents. <i>Chemistry - A European Journal</i> , 2015, 21, 8242-8249.                             | 1.7 | 33        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 199 | From Carbanions to Organometallic Compounds: Quantification of Metal Ion Effects on Nucleophilic Reactivities. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12497-12500.  | 7.2 | 19        |
| 200 | Zincation of 4,4-dimethyloxazoline using TMPZnCl $\cdot$ LiCl. A new preparation of 2-aryloxazolines. <i>Chemical Communications</i> , 2015, 51, 6415-6417.   | 2.2 | 17        |
| 201 | Preparation of Tertiary Amines by the Reaction of Iminium Ions Derived from Unsymmetrical Aminals with Zinc and Magnesium Organometallics. <i>Organic Letters</i> , 2015, 17, 2026-2029.  | 2.4 | 23        |
| 202 | Preparation and Regioselective Magnesium or Lithiation of Bis(trimethylsilyl)methyl $\cdot$ Substituted Heteroaryls for the Generation of Highly Functionalized Heterocycles. <i>Chemistry - A European Journal</i> , 2015, 21, 7830-7834.      | 1.7 | 15        |
| 203 | Palladium-Catalyzed Cross-Coupling between 7-Azaindoles and Reformatsky Reagents. <i>Synthesis</i> , 2015, 47, 692-700.   | 1.2 | 5         |
| 204 | Expedient Preparation of Aryllithium and Arylzinc Reagents from Aryl Chlorides Using Lithium 4,4'-Di-tert-Butylbiphenylide and Zinc(II) Chloride. <i>Synthesis</i> , 2015, 47, 2617-2630.   | 1.2 | 9         |
| 205 | Recent Advances in Iron-Catalyzed Csp $^2$ -Csp $^2$ Cross-Couplings. <i>Synthesis</i> , 2015, 47, 1696-1705.   | 1.2 | 48        |
| 206 | Practical and economic lithiations of functionalized arenes and heteroarenes using Cy $_2$ NLi in the presence of Mg, Zn or La halides in a continuous flow. <i>Chemical Science</i> , 2015, 6, 6649-6653.                                      | 3.7 | 41        |
| 207 | Selective Functionalization of Tetrathiafulvalene Using Mg- and Zn-TMP-Bases: Preparation of Mono-, Di-, Tri-, and Tetrasubstituted Derivatives. <i>Organic Letters</i> , 2015, 17, 5356-5359.  | 2.4 | 14        |
| 208 | Oxidative Homocoupling of Diheteroaryl- or Diarylmanganese Reagents Generated via Directed Manganation Using TMP $_2$ Mn. <i>Synlett</i> , 2015, 26, 1515-1519.   | 1.0 | 10        |
| 209 | Highly Diastereoselective Cobalt-Mediated C(sp $^3$ ) $\cdot$ C(sp $^2$ ) Cross-Coupling Reactions of Cyclic Halohydrins with (Hetero)Aryl Grignard Reagents. <i>Synthesis</i> , 2015, 47, 1461-1468.   | 1.2 | 12        |
| 210 | Transition-Metal-Free Cross-Coupling of Aryl and <i>N</i> -Heteroaryl Cyanides with Benzylic Zinc Reagents. <i>Organic Letters</i> , 2015, 17, 4396-4399.   | 2.4 | 31        |
| 211 | Two-State Intramolecular Charge Transfer (ICT) with 3,5-Dimethyl-4-(dimethylamino)benzonitrile (MMD) and Its Meta-Isomer mMMD. Ground State Amino Twist Not Essential for ICT. <i>Journal of Physical Chemistry A</i> , 2015, 119, 11820-11836. | 1.1 | 30        |
| 212 | Functionalization of Quinoxalines by Using TMP Bases: Preparation of Tetracyclic Heterocycles with High Photoluminescence Quantum Yields. <i>Chemistry - A European Journal</i> , 2015, 21, 1102-1107.  | 1.7 | 20        |
| 213 | Modulable and Highly Diastereoselective Carbometalations of Cyclopropenes. <i>Chemistry - A European Journal</i> , 2014, 20, 912-912.   | 1.7 | 0         |
| 214 | Preparation of Functionalized Lithium, Magnesium, Aluminum, Zinc, Manganese, and Indium Organometallics from Functionalized Organic Halides. <i>Synthesis</i> , 2014, 46, 3133-3171.  | 1.2 | 36        |
| 215 | Synthesis of 1,2-Dimetallc Compounds via Direct Insertion of Zinc Powder in the Presence of InCl $_3$ : Synthesis of ortho-Bis-functionalized Aromatics. <i>Synthesis</i> , 2014, 46, 290-294.  | 1.2 | 4         |
| 216 | BF $_3$ -Mediated Oxidative Cross-Coupling of Pyridines with Alkynyllithium Reagents and Further Reductive Functionalizations of the Pyridine Scaffold. <i>Synthesis</i> , 2014, 46, 1374-1379.   | 1.2 | 7         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 217 | Cobalt-Mediated Diastereoselective Cross-Coupling Reactions between Cyclic Halohydrins and Arylmagnesium Reagents. <i>Organic Letters</i> , 2014, 16, 6500-6503.  | 2.4 | 38        |
| 218 | Efficient Cross-Coupling Reactions of (Pivaloyloxymethyl)zinc Chloride. <i>Synthesis</i> , 2014, 46, 1052-1058.   | 1.2 | 6         |
| 219 | Organozinc Pivalate Reagents: Segregation, Solubility, Stabilization, and Structural Insights. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2706-2710.  | 7.2 | 89        |
| 220 | Transition-Metal-Free BF <sub>3</sub> -Mediated Oxidative and Non-Oxidative Cross-Coupling of Pyridines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8746-8750.  | 7.2 | 46        |
| 221 | Synthesis of Substituted Adamantylzinc Reagents Using a Mg-Insertion in the Presence of ZnCl <sub>2</sub> and Further Functionalizations. <i>Organic Letters</i> , 2014, 16, 2418-2421.   | 2.4 | 50        |
| 222 | Modulable and Highly Diastereoselective Carbometalations of Cyclopropenes. <i>Chemistry - A European Journal</i> , 2014, 20, 1038-1048.   | 1.7 | 67        |
| 223 | Strategies To Prepare and Use Functionalized Organometallic Reagents. <i>Journal of Organic Chemistry</i> , 2014, 79, 4253-4269.  | 1.7 | 138       |
| 224 | Diastereoselective Synthesis of Open-Chain Secondary Alkylolithium Compounds and Trapping Reactions with Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1425-1429.   | 7.2 | 27        |
| 225 | Full Functionalization of the Imidazole Scaffold by Selective Metalation and Sulfoxide/Magnesium Exchange. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1430-1434.  | 7.2 | 30        |
| 226 | Isoxazole-Embedded Allylic Zinc Reagent for the Diastereoselective Preparation of Highly Functionalized Aldol-Type Derivatives Bearing a Stereocontrolled Quaternary Center. <i>Chemistry - A European Journal</i> , 2014, 20, 14096-14101. | 1.7 | 5         |
| 227 | Air-Stable Solid Aryl and Heteroaryl Organozinc Pivalates: Syntheses and Applications in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2014, 20, 12289-12297.  | 1.7 | 67        |
| 228 | Continuous Flow Magnesiumation of Functionalized Heterocycles and Acrylates with TMPMgCl·LiCl. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7933-7937.  | 7.2 | 51        |
| 229 | Preparation and Regioselective Metalation of Bis(trimethylsilyl)methyl-Substituted Aryl Derivatives. <i>Chemistry - A European Journal</i> , 2014, 20, 8338-8342.   | 1.7 | 25        |
| 230 | Diastereoconvergent Negishi Cross-Coupling Using Functionalized Cyclohexylzinc Reagents. <i>Organic Letters</i> , 2014, 16, 924-927.  | 2.4 | 27        |
| 231 | Oriented Thin Films of a Benzodithiophene Covalent Organic Framework. <i>ACS Nano</i> , 2014, 8, 4042-4052.   | 7.3 | 188       |
| 232 | Highly Diastereoselective Preparation of Aldol Products Using New Functionalized Allylic Aluminum Reagents. <i>Organic Letters</i> , 2014, 16, 956-959.   | 2.4 | 17        |
| 233 | New In Situ Trapping Metalations of Functionalized Arenes and Heteroarenes with TMPLi in the Presence of ZnCl <sub>2</sub> and Other Metal Salts. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7928-7932.                   | 7.2 | 68        |
| 234 | The Halogen/Magnesium-Exchange Using iPrMgCl·LiCl and Related Exchange Reagents. <i>Heterocycles</i> , 2014, 88, 827.   | 0.4 | 49        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 235 | Room-Temperature Chromium(II)-Catalyzed Direct Arylation of Pyridines, Aryl Oxazolines, and Imines Using Arylmagnesium Reagents. <i>Organic Letters</i> , 2014, 16, 5208-5211.  | 2.4 | 49        |
| 236 | Preparation and Reactions of Heteroarylmethylzinc Reagents. <i>Organic Letters</i> , 2014, 16, 2422-2425.   | 2.4 | 27        |
| 237 | TMPâ€“Magnesium and TMPâ€“Zinc Bases for the Regioselective Metalation of the Cinnoline Scaffold. <i>Organic Letters</i> , 2014, 16, 1232-1235.   | 2.4 | 24        |
| 238 | Accelerated Zincations for an Efficient and Mild Functionalization of Aromatics and Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 989-995.   | 2.1 | 25        |
| 239 | Generation of functionalized aryl and heteroaryl aluminum reagents by halogenâ€“lithium exchange. <i>Chemical Communications</i> , 2013, 49, 6953.  | 2.2 | 19        |
| 240 | Preparation of Functionalized Indoles and Azaindoles by the Intramolecular Copperâ€“Mediated Carbomagnesiation of Ynamides. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10084-10088.                                     | 7.2 | 49        |
| 241 | Synthesis of Solid 2-Pyridylzinc Reagents and Their Application in Negishi Reactions. <i>Organic Letters</i> , 2013, 15, 5754-5757.   | 2.4 | 74        |
| 242 | Metalated Indoles, Indazoles, Benzimidazoles, and Azaindoles and Their Synthetic Applications. <i>Synthesis</i> , 2013, 45, 2343-2371.  | 1.2 | 17        |
| 243 | Full Functionalization of the 7â€“Azaindole Scaffold by Selective Metalation and Sulfoxide/Magnesium Exchange. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10093-10096.  | 7.2 | 48        |
| 244 | A Convenient Aluminatation of Functionalized Aromatics by Using the Frustrated Lewis Pair Et <sub>3</sub> Al and TMPMgClâ€“LiCl. <i>Chemistry - A European Journal</i> , 2013, 19, 14687-14696.   | 1.7 | 17        |
| 245 | Efficient Chromium(II)-Catalyzed Cross-Coupling Reactions between Csp <sup>2</sup> Centers. <i>Journal of the American Chemical Society</i> , 2013, 135, 15346-15349.   | 6.6 | 118       |
| 246 | Facile synthesis of a mesoporous benzothiadiazole-COF based on a transesterification process. <i>CrystEngComm</i> , 2013, 15, 1500.   | 1.3 | 42        |
| 247 | Preparation of Functionalized Organoindium Reagents by Means of Magnesium Insertion into Organic Halides in the Presence of InCl <sub>3</sub> at Room Temperature. <i>Chemistry - A European Journal</i> , 2013, 19, 828-833.             | 1.7 | 33        |
| 248 | New Preparation of TMPZnClâ€“LiCl by Zn Insertion into TMPCl. Application to the Functionalization of Dibromodiazines. <i>Organic Letters</i> , 2013, 15, 1128-1131.  | 2.4 | 52        |
| 249 | Metalated N-heterocyclic reagents prepared by the frustrated Lewis pair TMPMgClâ€“BF <sub>3</sub> and their addition to aromatic aldehydes and activated ketones. <i>Chemical Communications</i> , 2013, 49, 2124.                        | 2.2 | 31        |
| 250 | TMPZnOPivâ€“LiCl: A New Base for the Preparation of Air-Stable Solid Zinc Pivalates of Sensitive Aromatics and Heteroaromatics. <i>Organic Letters</i> , 2013, 15, 1302-1305.   | 2.4 | 68        |
| 251 | Ligandâ€“Accelerated Ironâ€“and Cobaltâ€“Catalyzed Crossâ€“Coupling Reactions between Nâ€“Heteroaryl Halides and Aryl Magnesium Reagents. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4945-4949.                         | 7.2 | 100       |
| 252 | Transition-Metal-Free BF <sub>3</sub> -Mediated Regioselective Direct Alkylation and Arylation of Functionalized Pyridines Using Grignard or Organozinc Reagents. <i>Journal of the American Chemical Society</i> , 2013, 135, 4958-4961. | 6.6 | 119       |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 253 | Electrophilic Aromatic Substitutions of Aryltrifluoroborates with Retention of the BF <sub>3</sub> Group: Quantification of the Activating and Directing Effects of the Trifluoroborate Group. <i>Journal of the American Chemical Society</i> , 2013, 135, 6317-6324. | 6.6 | 48        |
| 254 | Selective C-H Activations Using Frustrated Lewis Pairs. Applications in Organic Synthesis. <i>Topics in Current Chemistry</i> , 2013, 334, 171-190.  | 4.0 | 4         |
| 255 | Preparation of Stereodefined Secondary Alkylolithium Compounds. <i>Chemistry - A European Journal</i> , 2013, 19, 4614-4622.   | 1.7 | 36        |
| 256 | A Photoconductive Thienothiophene-Based Covalent Organic Framework Showing Charge Transfer Towards Included Fullerene. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2920-2924.   | 7.2 | 385       |
| 257 | Regioselective Metalations of Pyrimidines and Pyrazines by Using Frustrated Lewis Pairs of BF <sub>3</sub> ·OEt <sub>2</sub> and Hindered Magnesium and Zinc Amide Bases. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6776-6780.                      |     | 61        |
| 258 | Functionalized Alkenylzinc Reagents Bearing Carbonyl Groups: Preparation by Direct Metal Insertion and Reaction with Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9495-9499.  | 7.2 | 31        |
| 259 | Regioselective Functionalization of the Oxazole Scaffold Using TMP-Bases of Mg and Zn. <i>Organic Letters</i> , 2013, 15, 6162-6165.   | 2.4 | 42        |
| 260 | Directed Magnesiation of Polyhaloaromatics using the Tetramethylpiperidylmagnesium Reagents TMP <sub>2</sub> Mg·LiCl and TMPMgCl·LiCl. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1553-1560.   | 2.1 | 28        |
| 261 | A Convenient Synthesis of $\beta$ -Substituted $\alpha,\beta$ -Unsaturated Ketones and Esters via the Direct Addition of Substituted Allylic Zinc Reagents Prepared by Direct Insertion. <i>Synthesis</i> , 2013, 45, 1870-1876.                                       | 1.2 | 16        |
| 262 | Review. Regioselective Functionalization of Pyridines using a Directed Metalation or a Halogen/Metal Exchange. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 411-422.   | 0.3 | 22        |
| 263 | Regioselective Functionalization of Purine Derivatives at Positions 8 and 6 Using Hindered TMP-Amide Bases of Zn and Mg. <i>Synthesis</i> , 2013, 45, 3029-3037.   | 1.2 | 8         |
| 264 | Synthesis of (4R)-Azido-(2R)-2-Deoxy-2-C-Methyluridine and Its Esters by Direct Iodide Displacement. <i>Synlett</i> , 2013, 24, 1697-1701.   | 1.0 | 3         |
| 265 | New Method of Synthesis and Biological Evaluation of Some Combretastatin A-4 Analogues. <i>Synlett</i> , 2012, 23, 1205-1208.  | 1.0 | 10        |
| 266 | Benzothiadiazoloperylene and Benzoxadiazoloperylene: Amorphous Functional Materials. <i>Synthesis</i> , 2012, 44, 3465-3476.   | 1.2 | 10        |
| 267 | Cyclohexylcarbonitriles: Diastereoselective Arylations with TMPZnCl·LiCl. <i>Journal of Organic Chemistry</i> , 2012, 77, 7671-7676.   | 1.7 | 10        |
| 268 | Continuous Preparation of Arylmagnesium Reagents in Flow with Inline IR Monitoring. <i>Organic Process Research and Development</i> , 2012, 16, 1102-1113.   | 1.3 | 119       |
| 269 | Iron-Catalyzed Cross-Coupling of N-Heterocyclic Chlorides and Bromides with Arylmagnesium Reagents. <i>Organic Letters</i> , 2012, 14, 4818-4821.  | 2.4 | 90        |
| 270 | Nucleophilicity parameters for designing transition metal-free C-C bond forming reactions of organoboron compounds. <i>Chemical Science</i> , 2012, 3, 878-882.  | 3.7 | 70        |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 271 | Direct Pd-Catalyzed Cross-Coupling of Functionalized Organoaluminum Reagents. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11157-11161.   | 7.2 | 43        |
| 272 | Highly Regioselective Preparation of Heteroaryl-Magnesium Reagents by Using a Br/Mg Exchange. <i>Chemistry - A European Journal</i> , 2012, 18, 16145-16152.  | 1.7 | 27        |
| 273 | Benzylic Arylation of 2-Methyl-5-membered Heterocycles Using TMP-Bases. <i>Organic Letters</i> , 2012, 14, 1951-1953.   | 2.4 | 20        |
| 274 | Synthesis and biological evaluation of novel anticancer bivalent colchicine-tubulizine hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4271-4278.  | 1.4 | 23        |
| 275 | Improved Air-Stable Solid Aromatic and Heterocyclic Zinc Reagents by Highly Selective Metalations for Negishi Cross-Couplings. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9428-9432.                              | 7.2 | 98        |
| 276 | InCl <sub>3</sub> -Catalyzed Synthesis of 1,2-Dimetallic Compounds by Direct Insertion of Aluminum or Zinc Powder. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9926-9930.  | 7.2 | 32        |
| 277 | The ortho- and meta- Magnesiumation of Functionalized Anilines and Amino-Substituted Pyridines and Pyrazines at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10624-10627.                         | 7.2 | 21        |
| 278 | Isorecticular Two-Dimensional Covalent Organic Frameworks Synthesized by On-Surface Condensation of Diboronic Acids. <i>ACS Nano</i> , 2012, 6, 7234-7242.  | 7.3 | 194       |
| 279 | Preparation of Organoalanes for Organic Synthesis. <i>Topics in Organometallic Chemistry</i> , 2012, , 173-186.   | 0.7 | 8         |
| 280 | Stereoselective C-Glycosylation Reactions with Arylzinc Reagents. <i>Organic Letters</i> , 2012, 14, 1480-1483.   | 2.4 | 108       |
| 281 | Regioselective zincation of indazoles using TMP <sub>2</sub> Zn and Negishi cross-coupling with aryl and heteroaryl iodides. <i>Chemical Communications</i> , 2012, 48, 2680.   | 2.2 | 47        |
| 282 | Stereoselective synthesis of tetrasubstituted alkenes via a sequential carbocupration and a new sulfur-lithium exchange. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 2202-2206.  | 1.3 | 11        |
| 283 | Lewis Acid-Triggered Selective Zincation of Chromones, Quinolones, and Thiochromones: Application to the Preparation of Natural Flavones and Isoflavones. <i>Journal of the American Chemical Society</i> , 2012, 134, 13584-13587. | 6.6 | 130       |
| 284 | Leaving Group Dependence of the Rates of Halogen-Magnesium Exchange Reactions. <i>Organic Letters</i> , 2012, 14, 2602-2605.  | 2.4 | 27        |
| 285 | Preparations and Reactions of SF <sub>5</sub> -Substituted Aryl and Heteroaryl Derivatives via Mg and Zn Organometallics. <i>Chemistry - A European Journal</i> , 2012, 18, 10234-10238.  | 1.7 | 40        |
| 286 | Synthesis of Functionalized Benzo[b]thiophenes by the Intramolecular Copper-Catalyzed Carbomagnesiumation of Alkynyl(aryl)thioethers. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1958-1961.                       | 7.2 | 66        |
| 287 | Hierarchically structured biphenylene-bridged periodic mesoporous organosilica. <i>Journal of Materials Chemistry</i> , 2011, 21, 17338.  | 6.7 | 22        |
| 288 | A Covalent Organic Framework with 4 nm open pores. <i>Chemical Communications</i> , 2011, 47, 1707.   | 2.2 | 168       |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 289 | Sulfoxide-Alkene Hybrids: A New Class of Chiral Ligands for the Hayashi-Miyaura Reaction. <i>Organic Letters</i> , 2011, 13, 3182-3185.  | 2.4 | 115       |
| 290 | Direct Aminoalkylation of Arenes, Heteroarenes, and Alkenes via Ni-Catalyzed Negishi Cross-Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2011, 76, 8891-8906.  | 1.7 | 22        |
| 291 | Synthesis of Well-Ordered COF Monolayers: Surface Growth of Nanocrystalline Precursors versus Direct On-Surface Polycondensation. <i>ACS Nano</i> , 2011, 5, 9737-9745.  | 7.3 | 211       |
| 292 | Regioselective Functionalization of the Thiazole Scaffold Using $\text{TMPMgCl}\cdot\text{LiCl}$ and $\text{TMPZn}\cdot\text{MgCl}_2\cdot\text{LiCl}$ . <i>Journal of Organic Chemistry</i> , 2011, 76, 6972-6978.   | 1.7 | 19        |
| 293 | New Preparation of Benzylic Aluminum and Zinc Organometallics by Direct Insertion of Aluminum Powder. <i>Organic Letters</i> , 2011, 13, 6440-6443.  | 2.4 | 44        |
| 294 | Highly Diastereoselective Arylations of Substituted Piperidines. <i>Journal of the American Chemical Society</i> , 2011, 133, 4774-4777.   | 6.6 | 133       |
| 295 | Preparation of functionalized Zn and Mg-organometallics. Application to the performance of diastereoselective cross-couplings. <i>Comptes Rendus Chimie</i> , 2011, 14, 842-850.   | 0.2 | 13        |
| 296 | Trifunctionalization of the Purine Scaffold Using Mg and Zn Organometallic Intermediates. <i>Organic Letters</i> , 2011, 13, 792-795.  | 2.4 | 18        |
| 297 | Pd-Catalyzed $\beta$ -Arylation of Nitriles and Esters and $\beta$ -Arylation of Unsaturated Nitriles with $\text{TMPZnCl}\cdot\text{LiCl}$ . <i>Organic Letters</i> , 2011, 13, 1690-1693.  | 2.4 | 71        |
| 298 | Selective and Multiple Functionalization of Pyridines and Alkaloids via Mg- and Zn-Organometallic Intermediates. <i>Organic Letters</i> , 2011, 13, 2306-2309.   | 2.4 | 51        |
| 299 | Preparation of Heterocyclic Amines by an Oxidative Amination of Zinc Organometallics Mediated by $\text{Cu}^{\text{I}}$ : A New Oxidative Cycloamination for the Preparation of Annulated Indole Derivatives. <i>Chemistry - an Asian Journal</i> , 2011, 6, 517-523.          | 1.7 | 29        |
| 300 | Preparation of Polyfunctional Zinc Organometallics Using an Fe- or Co-Catalyzed Cl/Zn-Exchange. <i>Organic Letters</i> , 2011, 13, 3174-3177.  | 2.4 | 18        |
| 301 | Preparation of Functionalized Organomanganese(II) Reagents by Direct Insertion of Manganese to Aromatic and Benzylic Halides. <i>Organic Letters</i> , 2011, 13, 3198-3201.  | 2.4 | 30        |
| 302 | Herstellung von festen salzstabilisierten Organozinkreagentien und deren Anwendung in Kreuzkupplungen und Carbonyladditionen. <i>Angewandte Chemie</i> , 2011, 123, 9372-9376.   | 1.6 | 45        |
| 303 | Selective Magnesiumation or Zincation of Highly Functionalized Alkenes and Cycloalkenes Using 2,2,6,6-tetramethylpiperidyl Bases. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1914-1917.  | 7.2 | 76        |
| 304 | Highly Diastereoselective $\text{C}(\text{sp}^3)\text{-C}(\text{sp})$ Cross-Coupling Reactions between 1,3- and 1,4-Substituted Cyclohexylzinc Reagents and Bromoalkynes through Remote Stereocontrol. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2174-2177. | 7.2 | 68        |
| 305 | Highly Diastereoselective Iron-Mediated $\text{C}(\text{sp}^2)\text{-C}(\text{sp}^3)$ Cross-Coupling Reactions between Aryl Grignard Reagents and Cyclic Iodohydrine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3303-3307.                      | 7.2 | 73        |
| 306 | Regio- and Chemoselective Metalation of Arenes and Heteroarenes Using Hindered Metal Amide Bases. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9794-9824.  | 7.2 | 357       |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 307 | Practical One-Pot Preparation of Magnesium Di(hetero)aryl- and Magnesium Dialkenylboronates for Suzuki-Miyaura Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7290-7294.              | 7.2 | 43        |
| 308 | Lewis Acid Promoted Benzylic Cross-Couplings of Pyridines with Aryl Bromides. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7686-7690.   | 7.2 | 106       |
| 309 | Preparation of Solid Salt-Stabilized Functionalized Organozinc Compounds and their Application to Cross-Coupling and Carbonyl Addition Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9205-9209.     | 7.2 | 95        |
| 310 | Selective Multiple Magnesiations of the Thieno[3,2- <i>b</i> ]thiophene Scaffold. <i>Chemistry - A European Journal</i> , 2011, 17, 866-872.  | 1.7 | 35        |
| 311 | Pd- and Ni-Catalyzed Cross-Coupling Reactions of Functionalized Organozinc Reagents with Unsaturated Thioethers. <i>Chemistry - A European Journal</i> , 2011, 17, 2948-2956.   | 1.7 | 90        |
| 312 | Synthesis of Polyfunctional Allenes by Successive Copper-Mediated Substitutions. <i>Chemistry - A European Journal</i> , 2011, 17, 4232-4237.   | 1.7 | 28        |
| 313 | Difunctionalisation of Arenes and Heteroarenes by Directed Metallation and Sulfoxide-Magnesium Exchange. <i>Chemistry - A European Journal</i> , 2011, 17, 5362-5372.   | 1.7 | 70        |
| 314 | Regio- and Chemoselective Synthesis of Fully Substituted Furans. <i>Synthesis</i> , 2011, 2011, 1751-1758.  | 1.2 | 13        |
| 315 | Efficient Preparation of Polyfunctional Indoles via a Zinc Organometallic Variation of the Fischer Indole Synthesis. <i>Synthesis</i> , 2011, 2011, 23-29.  | 1.2 | 3         |
| 316 | Functionalization of the Benzo[ <i>c</i> ][1,2,5]thiadiazole Scaffold via Mg-, Zn- and Mn-Intermediates. <i>Synthesis</i> , 2011, 2011, 1302-1308.  | 1.2 | 6         |
| 317 | Stereoselective Synthesis of Polyfunctional Tetrasubstituted Alkenyl Sulfides via a Carbocupration of Alkynyl Sulfides with Aryl and Benzylic Diorganozincs. <i>Synthesis</i> , 2011, 2011, 3453-3462.                        | 1.2 | 4         |
| 318 | Functionalization of heterocyclic compounds using polyfunctional magnesium and zinc reagents. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1261-1277.   | 1.3 | 49        |
| 319 | Selective Mg Insertion into Substituted Mono- and Dichloro Arenes in the Presence of LiCl: A New Preparation of Boscalid. <i>Synlett</i> , 2011, 2011, 2064-2068.   | 1.0 | 4         |
| 320 | Scaleable Preparation of Functionalized Organometallics via Directed Ortho Metalation Using Mg- and Zn-Amide Bases. <i>Organic Process Research and Development</i> , 2010, 14, 339-345.                                      | 1.3 | 67        |
| 321 | Pd-, Ni-, Fe-, and Co-Catalyzed Cross-Couplings Using Functionalized Zn-, Mg-, Fe-, and In-Organometallics. <i>Israel Journal of Chemistry</i> , 2010, 50, 547-557.   | 1.0 | 35        |
| 322 | Efficient Synthesis of Deazaguanosine-Derived tRNA Nucleosides PreQ <sub>0</sub> , PreQ <sub>1</sub> , and Archaeosine Using the Turbo-Grignard Method. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6517-6519. | 1.2 | 16        |
| 323 | Structure-Reactivity Relationships in Negishi Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2010, 16, 248-253.  | 1.7 | 36        |
| 324 | Atom-Economical Preparation of Aryl- and Heteroaryl-Lanthanum Reagents by Directed <i>ortho</i> -Metalation by Using tmp <sub>3</sub> [La]. <i>Chemistry - A European Journal</i> , 2010, 16, 3304-3307.                      | 1.7 | 40        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 325 | Preparation of Organoaluminum Reagents from Propargylic Bromides and Aluminum Activated by $\text{PbCl}_2$ and Their Regio- and Diastereoselective Addition to Carbonyl Derivatives. <i>Chemistry - A European Journal</i> , 2010, 16, 9829-9834.                          | 1.7 | 48        |
| 326 | Convenient Electrophilic Fluorination of Functionalized Aryl and Heteroaryl Magnesium Reagents. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2215-2218.  | 7.2 | 121       |
| 327 | A Cobalt-Catalyzed Sulfonate/Copper Exchange for the Preparation of Highly Functionalized Electron-Deficient Aryl Copper Reagents. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1874-1877.   | 7.2 | 27        |
| 328 | $\text{MgCl}_2$ -Accelerated Addition of Functionalized Organozinc Reagents to Aldehydes, Ketones, and Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4665-4668.   | 7.2 | 139       |
| 329 | Synthesis of Dibenzothiophenes and Related Classes of Heterocycles by Using Functionalized Dithiocarbamates. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4751-4754.   | 7.2 | 65        |
| 330 | Highly Selective Metalations of Pyridines and Related Heterocycles Using New Frustrated Lewis Pairs or $\text{tmp-Zn}$ and $\text{tmp-Mg}$ Magnesium Bases with $\text{BF}_3 \cdot \text{OEt}_2$ . <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5451-5455. | 7.2 | 133       |
| 331 | $\text{tmp}_4\text{Zr}$ : An Atom-Economical Base for the Metalation of Functionalized Arenes and Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8520-8524.  | 7.2 | 43        |
| 332 | Diastereoselective Synthesis of Homoallylic Alcohols with Adjacent Tertiary and Quaternary Centers by Using Functionalized Allylic Aluminum Reagents. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8516-8519.  | 7.2 | 46        |
| 333 | Fischer Indole Synthesis with Organozinc Reagents. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9513-9516.   | 7.2 | 73        |
| 334 | Highly diastereoselective $\text{Csp}^3\text{-Csp}^2$ Negishi cross-coupling with 1,2-, 1,3- and 1,4-substituted cycloalkylzinc compounds. <i>Nature Chemistry</i> , 2010, 2, 125-130.   | 6.6 | 129       |
| 335 | Preparation of functionalized organoaluminiums by direct insertion of aluminium to unsaturated halides. <i>Nature Chemistry</i> , 2010, 2, 313-318.  | 6.6 | 97        |
| 336 | Large-Scale Preparation of Aromatic Fluorides via Electrophilic Fluorination with Functionalized Aryl- or Heteroarylmagnesium Reagents. <i>Synthesis</i> , 2010, 2010, 2490-2494.  | 1.2 | 10        |
| 337 | Directed ortho- and meta-Magnesiumation or Zincation of Polyfunctional Aryl Nonaromatics. <i>Synlett</i> , 2010, 2010, 304-308.  | 1.0 | 9         |
| 338 | A Novel Palladium-Catalyzed Cross-Coupling of Thiomethylated Alkynes with Functionalized Organozinc Reagents. <i>Synthesis</i> , 2010, 2010, 2085-2091.  | 1.2 | 2         |
| 339 | Scaled-Up Transition-Metal-Catalyzed Cross-Coupling Reactions of Thioether-Substituted N-Heterocycles with Organozinc Reagents. <i>Synthesis</i> , 2010, 2010, 2853-2858.  | 1.2 | 3         |
| 340 | Direct Addition of Functionalized Organozinc Reagents to Carbon Dioxide, Ketones, and Aldehydes in the Presence of $\text{MgCl}_2$ . <i>Synthesis</i> , 2010, 2010, 3802-3810.   | 1.2 | 9         |
| 341 | Efficient Preparation of Polyfunctional Organometallics via Directed ortho-Metalation. <i>Synthesis</i> , 2010, 2010, 2670-2678.   | 1.2 | 7         |
| 342 | Large-Scale Preparation of Polyfunctional Benzylic Zinc Reagents by Direct Insertion of Zinc Dust into Benzylic Chlorides in the Presence of Lithium Chloride. <i>Synthesis</i> , 2010, 2010, 882-891.   | 1.2 | 5         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 343 | Regioselective Functionalization of Chlorophthalazine Derivatives. <i>Synthesis</i> , 2010, 2010, 1097-1106.   | 1.2 | 9         |
| 344 | Preparation of Heterocyclic Amines via a Copper(I)-Mediated Oxidative Cross-Coupling of Organozinc Reagents with Lithium Amides. <i>Synthesis</i> , 2010, 2010, 2313-2318.   | 1.2 | 4         |
| 345 | Preparation of Primary Amides from Functionalized Organozinc Halides. <i>Organic Letters</i> , 2010, 12, 3648-3650.  | 2.4 | 35        |
| 346 | <i>ortho</i> -PrI Acceleration of Negishi Cross-Coupling Reactions. <i>Organic Letters</i> , 2010, 12, 2702-2705.  | 2.4 | 34        |
| 347 | Preparation of Functionalized Cyclic Enol Phosphates by Halogen <sup>+</sup> Magnesium Exchange and Directed Deprotonation Reactions. <i>Journal of Organic Chemistry</i> , 2010, 75, 4365-4375.                           | 1.7 | 27        |
| 348 | Charged Tags as Probes for Analyzing Organometallic Intermediates and Monitoring Cross-Coupling Reactions by Electrospray-Ionization Mass Spectrometry. <i>Journal of Organic Chemistry</i> , 2010, 75, 6848-6857.         | 1.7 | 75        |
| 349 | Phosphorodiamidate-Directed Metalation of N-Heterocycles using Mg- and Zn-TMP Bases. <i>Organic Letters</i> , 2010, 12, 1984-1987.   | 2.4 | 44        |
| 350 | Scaleable Preparation of Sensitive Functionalized Aromatics and Heteroaromatics via Directed Metalation Using <i>ortho</i> ZnCl <sub>2</sub> ·LiCl. <i>Organic Process Research and Development</i> , 2010, 14, 1299-1303. | 1.3 | 45        |
| 351 | Room Temperature Cross-Coupling of Highly Functionalized Organozinc Reagents with Thiomethylated <i>ortho</i> -Heterocycles by Nickel Catalysis. <i>Journal of Organic Chemistry</i> , 2010, 75, 2131-2133.                | 1.7 | 65        |
| 352 | Regio- and Chemoselective Zincation of Sensitive and Moderately Activated Aromatics and Heteroaromatics Using <i>ortho</i> ZnCl <sub>2</sub> ·LiCl. <i>Journal of Organic Chemistry</i> , 2010, 75, 4686-4695.             | 1.7 | 74        |
| 353 | Preparation of 2-Magnesiated 1,3,5-Triazines via an Iodine <sup>+</sup> Magnesium Exchange. <i>Organic Letters</i> , 2010, 12, 5398-5401.  | 2.4 | 23        |
| 354 | Preparation of highly functionalized alkylzinc halides from alkyl bromides using Mg, ZnCl <sub>2</sub> and LiCl. <i>Chemical Communications</i> , 2010, 46, 4082.  | 2.2 | 52        |
| 355 | Synthesis of Exclusively Centrostereogenic 1,3-Bidentate Ferrocenyldiphosphane Ligands and Their Use in Enantioselective Hydrogenations. <i>Organometallics</i> , 2010, 29, 6503-6508.                                     | 1.1 | 13        |
| 356 | <i>meta</i> - and <i>para</i> -Difunctionalization of Arenes via an <i>ortho</i> -Magnesiation and a Subsequent Sulfoxide-Magnesium Exchange. <i>Synthesis</i> , 2009, 2009, 1041-1048.                                    | 1.2 | 7         |
| 357 | Functionalization of 4,5-Dihydrobenzo[ <i>g</i> ]indazoles Using Magnesium- or Zinc-Heterocyclic Intermediates. <i>Synthesis</i> , 2009, 2009, 3661-3671.  | 1.2 | 3         |
| 358 | Palladium-Catalyzed Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. <i>Synthesis</i> , 2009, 2009, 681-686.  | 1.2 | 1         |
| 359 | LaCl <sub>3</sub> ·2LiCl-Catalyzed Addition of Grignard Reagents to Ketones. <i>Synlett</i> , 2009, 2009, 1433-1436.   | 1.0 | 16        |
| 360 | New Preparation and Reactions of Arylaluminum Reagents Using Barbier Conditions. <i>Synlett</i> , 2009, 2009, 1321-1325.   | 1.0 | 9         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 361 | Stereoselective Preparation of Cyclopropylmagnesium Reagents via a Br-Mg Exchange Using $i\text{-PrMgCl}\text{---LiCl}$ in the Presence of Dioxane. <i>Synlett</i> , 2009, 2009, 67-70.  | 1.0 | 4         |
| 362 | Direct Zincation of Functionalized Aromatics and Heterocycles by Using a Magnesium Base in the Presence of $\text{ZnCl}_2$ . <i>Chemistry - A European Journal</i> , 2009, 15, 457-468.  | 1.7 | 84        |
| 363 | Negishi Cross-Couplings Compatible with Unprotected Amide Functions. <i>Chemistry - A European Journal</i> , 2009, 15, 1324-1328.  | 1.7 | 69        |
| 364 | Preparation of Polyfunctional Arylmagnesium, Arylzinc, and Benzylic Zinc Reagents by Using Magnesium in the Presence of LiCl. <i>Chemistry - A European Journal</i> , 2009, 15, 7192-7202.   | 1.7 | 163       |
| 365 | New Mixed Li/Mg and Li/Mg/Zn Amides for the Chemoselective Metallation of Arenes and Heteroarenes. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1781-1795.   | 1.2 | 73        |
| 366 | Radical Catalysis of Kumada Cross-Coupling Reactions Using Functionalized Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 205-209.   | 7.2 | 155       |
| 367 | Copper-Catalyzed Asymmetric Michael Addition of Magnesium, Zinc, and Aluminum Organometallic Reagents: Efficient Synthesis of Chiral Molecules. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 645-648.                | 7.2 | 101       |
| 368 | Aluminum Bases for the Highly Chemoselective Preparation of Aryl and Heteroaryl Aluminum Compounds. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1501-1504.  | 7.2 | 74        |
| 369 | LiCl-Mediated Preparation of Functionalized Benzylic Indium(III) Halides and Highly Chemoselective Palladium-Catalyzed Cross-Coupling in a Protic Cosolvent. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2236-2239. | 7.2 | 83        |
| 370 | Directed Manganation of Functionalized Arenes and Heterocycles Using $\text{tmp}_2\text{Mn}\text{---}2\text{MgCl}_2\text{---}4\text{LiCl}$ . <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7256-7260.                 | 7.2 | 65        |
| 371 | Preparation of Functionalized Aryl Iron(II) Compounds and a Nickel-Catalyzed Cross-Coupling with Alkyl Halides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9717-9720.  | 7.2 | 70        |
| 372 | A flash of magnesium. <i>Nature Chemistry</i> , 2009, 1, 740-740.  | 6.6 | 29        |
| 373 | Regio- and Chemoselective Multiple Functionalization of Chloropyrazine Derivatives. Application to the Synthesis of Coelenterazine. <i>Organic Letters</i> , 2009, 11, 3406-3409.  | 2.4 | 81        |
| 374 | Kinetics of Bromine-Magnesium Exchange Reactions in Substituted Bromobenzenes. <i>Journal of Organic Chemistry</i> , 2009, 74, 2760-2764.  | 1.7 | 63        |
| 375 | Regio- and Chemoselective Synthesis of Fully Substituted Thiophenes. <i>Organic Letters</i> , 2009, 11, 445-448.   | 2.4 | 72        |
| 376 | Preparation of Polyfunctional Indazoles and Heteroarylazo Compounds Using Highly Functionalized Zinc Reagents. <i>Organic Letters</i> , 2009, 11, 4270-4273.   | 2.4 | 85        |
| 377 | Kinetics of Bromine-Magnesium Exchange Reactions in Heteroaryl Bromides. <i>Organic Letters</i> , 2009, 11, 3502-3505.   | 2.4 | 53        |
| 378 | Oxidative Amination of Heteroaromatic Zinc Reagents Mediated by $\text{PhI(OAc)}_2$ . <i>Organic Letters</i> , 2009, 11, 5158-5161.  | 2.4 | 39        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 379 | TMPZnCl <sub>2</sub> ·LiCl: A New Active Selective Base for the Directed Zincation of Sensitive Aromatics and Heteroaromatics. <i>Organic Letters</i> , 2009, 11, 1837-1840.   | 2.4 | 186       |
| 380 | Pd-Catalyzed Cross-Coupling of Functionalized Organozinc Reagents with Thiomethyl-Substituted Heterocycles. <i>Organic Letters</i> , 2009, 11, 4228-4231.  | 2.4 | 70        |
| 381 | Synthesis of Fully Substituted Pyrazoles via Regio- and Chemoselective Metalations. <i>Organic Letters</i> , 2009, 11, 3326-3329.  | 2.4 | 84        |
| 382 | High temperature zincation of functionalized aromatics and heteroaromatics using TMPZnCl <sub>2</sub> ·LiCl and microwave irradiation. <i>Chemical Communications</i> , 2009, , 5615.  | 2.2 | 67        |
| 383 | 2,3-Functionalization of furans, benzofurans and thiophenes via magnesiation and sulfoxide <sup>2</sup> magnesium exchange. <i>Chemical Communications</i> , 2009, , 3536.   | 2.2 | 72        |
| 384 | Regio <sup>2</sup> and Chemoselective Metalation of Chloropyrimidine Derivatives with TMPMgCl <sub>2</sub> ·LiCl and TMP <sub>2</sub> Zn <sup>2</sup> ·MgCl <sub>2</sub> ·LiCl. <i>Chemistry - A European Journal</i> , 2009, 15, 1468-1477. | 1.7 | 113       |
| 385 | Selective Mono <sup>2</sup> and 1,2 <sup>2</sup> Difunctionalisation of Cyclopentene Derivatives via Mg and Cu Intermediates. <i>Chemistry - A European Journal</i> , 2008, 14, 2499-2506.   | 1.7 | 34        |
| 386 | Synthesis of a New Class of Chiral 1,5-Diphosphanylferrocenyl Ligands and Their Use In Enantioselective Hydrogenation. <i>Chemistry - A European Journal</i> , 2008, 14, 3509-3509.  | 1.7 | 6         |
| 387 | A General Method for <i>meta</i> and <i>para</i> Functionalization of Arenes Using TMP <sub>2</sub> Mg <sup>2</sup> ·LiCl. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1503-1507.   | 7.2 | 130       |
| 388 | Relative Rates of Bromine <sup>2</sup> Magnesium Exchange Reactions in Substituted Bromobenzene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 202-204.   | 7.2 | 48        |
| 389 | Convenient Preparation of Polyfunctional Aryl Magnesium Reagents by a Direct Magnesium Insertion in the Presence of LiCl. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6802-6806.  | 7.2 | 223       |
| 390 | Preparation of Aryl and Heteroaryl Indium(III) Reagents by the Direct Insertion of Indium in the Presence of LiCl. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7648-7651.   | 7.2 | 101       |
| 391 | Polyfunctional benzylic zinc chlorides by the direct insertion of magnesium into benzylic chlorides in the presence of LiCl and ZnCl <sub>2</sub> . <i>Chemical Communications</i> , 2008, , 5824.   | 2.2 | 59        |
| 392 | A General Preparation of Polyfunctional Benzylic Zinc Organometallic Compounds. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1678-1691.  | 1.7 | 34        |
| 393 | Palladium- and Nickel-Catalyzed Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Protons with Organozinc Reagents. <i>Journal of Organic Chemistry</i> , 2008, 73, 8422-8436.  | 1.7 | 100       |
| 394 | Negishi Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. <i>Organic Letters</i> , 2008, 10, 2765-2768.  | 2.4 | 115       |
| 395 | High Temperature Metalation of Functionalized Aromatics and Heteroaromatics using (tmp) <sub>2</sub> Zn·2MgCl <sub>2</sub> ·LiCl and Microwave Irradiation. <i>Organic Letters</i> , 2008, 10, 4705-4707.                                    | 2.4 | 86        |
| 396 | One-Pot Negishi Cross-Coupling Reactions of In Situ Generated Zinc Reagents with Aryl Chlorides, Bromides, and Triflates. <i>Journal of Organic Chemistry</i> , 2008, 73, 7380-7382.   | 1.7 | 128       |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 397 | Efficient mono- and bis-functionalization of 3,6-dichloropyridazine using (tmp) <sub>2</sub> Zn·2MgCl <sub>2</sub> ·2LiCl. <i>Chemical Communications</i> , 2008, , 6387.  | 2.2 | 56        |
| 398 | Ultrafast Intramolecular Charge Transfer with Strongly Twisted Aminobenzonitriles: $\alpha$ -4-(Di- <i>tert</i> -butylamino)benzotrile and 3-(Di- <i>tert</i> -butylamino)benzotrile. <i>Journal of Physical Chemistry A</i> , 2008, 112, 2749-2761. | 1.1 | 25        |
| 399 | LiCl-Mediated Preparation of Highly Functionalized Benzylic Zinc Chlorides. <i>Organic Letters</i> , 2008, 10, 1107-1110.  | 2.4 | 145       |
| 400 | Regio- and Chemoselective Multiple Functionalization of Pyrimidine Derivatives by Selective Magnesiations using TMPMgCl·LiCl. <i>Organic Letters</i> , 2008, 10, 2497-2500.  | 2.4 | 116       |
| 401 | Preparation of Fully Substituted Anilines for the Synthesis of Functionalized Indoles. <i>Organic Letters</i> , 2008, 10, 113-116.   | 2.4 | 73        |
| 402 | Oxidative Amination of Cuprated Pyrimidine and Purine Derivatives. <i>Organic Letters</i> , 2008, 10, 1715-1718.   | 2.4 | 59        |
| 403 | <i>meta</i> - and <i>para</i> -Difunctionalization of Arenes via a Sulfoxide-Magnesium Exchange Reaction. <i>Organic Letters</i> , 2008, 10, 3891-3894.  | 2.4 | 59        |
| 404 | Preparation of silyl substituted crotylzinc reagents and their highly diastereoselective addition to carbonyl compounds. <i>Chemical Communications</i> , 2008, , 1916.  | 2.2 | 27        |
| 405 | Nickel-catalyzed cross-coupling reactions of benzylic zinc reagents with aromatic bromides, chlorides and tosylates. <i>Chemical Communications</i> , 2008, , 3046.  | 2.2 | 59        |
| 406 | Regio- and chemoselective magnesiation of protected uracils and thiouracils using TMPMgCl·LiCl and TMP <sub>2</sub> Mg·2LiCl. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3237.   | 1.5 | 57        |
| 407 | An Efficient Silane-Promoted Nickel-Catalyzed Amination of Aryl and Heteroaryl Chlorides. <i>Journal of Organic Chemistry</i> , 2008, 73, 1429-1434.   | 1.7 | 118       |
| 408 | Highly Diastereoselective Addition of Cinnamylzinc Derivatives to $\hat{\pm}$ -Chiral Carbonyl Compounds. <i>Organic Letters</i> , 2008, 10, 117-120.  | 2.4 | 30        |
| 409 | Preparation of Functionalized Alkylmagnesium Derivatives Using an I/Mg-Exchange. <i>Organic Letters</i> , 2008, 10, 1187-1189.   | 2.4 | 19        |
| 410 | Multiple Regio- and Chemoselective Functionalizations of Pyrimidine Derivatives Using TMPMgCl·LiCl and TMP <sub>2</sub> Mg·2LiCl. <i>Synthesis</i> , 2008, 2008, 3697-3702.  | 1.2 | 11        |
| 411 | A Convenient Synthesis of 1-(4-Fluorophenyl)-2-(4-pyridyl)cyclopentene from Cyclopentanone. <i>Synthesis</i> , 2008, 2008, 225-228.  | 1.2 | 1         |
| 412 | Iodine-Magnesium Exchange on Unprotected Imidazoles in the Presence of LiCl. <i>Synlett</i> , 2007, 2007, 0980-0982.   | 1.0 | 3         |
| 413 | Preparation of Polyfunctional Aryl Triazenes via a Direct Insertion Reaction of Zn in the Presence of LiCl. <i>Synlett</i> , 2007, 2007, 2081-2085.  | 1.0 | 3         |
| 414 | A Novel Synthetic Approach towards Chiral QUINAP via Diastereomeric Sulfoxide Intermediates. <i>Synlett</i> , 2007, 2007, 2655-2658.   | 1.0 | 12        |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 415 | Chiral Allylic Cyanohydrins as Versatile Substrates for Diastereoselective Copper(I)-mediated SN2 <sup>α</sup> Allylic Substitutions. <i>Synlett</i> , 2007, 2007, 1047-1050.                                    | 1.0 | 1         |
| 416 | Nickel-Catalyzed Cross-Coupling Reactions of Aryltitanium(IV) Alkoxides with Aryl Halides. <i>Synlett</i> , 2007, 2007, 2077-2080.   | 1.0 | 8         |
| 417 | Highly Stereoselective Cobalt-Catalyzed Allylation of Functionalized Diarylzinc Reagents. <i>Synlett</i> , 2007, 2007, 1383-1386.  | 1.0 | 5         |
| 418 | Preparation of Polyfunctionalized 2,6-Dimethoxypyrimidine Derivatives via Chemo- and Regioselective Direct Zinc Insertion. <i>Synthesis</i> , 2007, 2007, 3915-3922.   | 1.2 | 6         |
| 419 | New Paracyclophane Phosphine for Highly Enantioselective Ruthenium-Catalyzed Hydrogenation of Prochiral Ketones. <i>Synthesis</i> , 2007, 2007, 3877-3885.   | 1.2 | 8         |
| 420 | A Practical Synthesis of Optically Active $\hat{\pm}$ -Substituted Ketones in High Enantiomeric $\hat{\text{A}}$ -Excess. <i>Synthesis</i> , 2007, 2007, 638-641.  | 1.2 | 0         |
| 421 | Preparation of Tertiary Amines via the Oxidative Coupling of Polyfunctional Aryl and Heteroaryl Amidocuprates. <i>Synthesis</i> , 2007, 2007, 1272-1278.   | 1.2 | 5         |
| 422 | New P,N-Ferrocenyl Ligands for the Asymmetric Ir-Catalyzed Hydrogenation of Imines. <i>Organic Letters</i> , 2007, 9, 3089-3092.   | 2.4 | 106       |
| 423 | Preparation of Di-, Tri-, and Tetra-Substituted Functionalized Ferrocenes via Magnesium Organometallics. <i>Organometallics</i> , 2007, 26, 6694-6697.   | 1.1 | 45        |
| 424 | A New, One-Step, Effective Protocol for the Iodination of Aromatic and Heterocyclic Compounds via Aprotic Diazotization of Amines. <i>Synthesis</i> , 2007, 2007, 81-84.   | 1.2 | 111       |
| 425 | Iron-catalyzed aryl $\hat{\text{A}}$ aryl cross-coupling reaction tolerating amides and unprotected quinolinones. <i>Chemical Communications</i> , 2007, , 1954-1956.  | 2.2 | 65        |
| 426 | Formal Enantioselective Synthesis of (+)-Estrone. <i>Organic Letters</i> , 2007, 9, 1021-1023.   | 2.4 | 46        |
| 427 | Highly Diastereoselective Synthesis of Homoallylic Alcohols Bearing Adjacent Quaternary Centers Using Substituted Allylic Zinc Reagents. <i>Journal of the American Chemical Society</i> , 2007, 129, 5376-5377. | 6.6 | 122       |
| 428 | Highly Diastereoselective Preparation of (E)-Alkenylsilanes Bearing an $\hat{\pm}$ -Chiral Center. <i>Organic Letters</i> , 2007, 9, 1041-1044.  | 2.4 | 41        |
| 429 | Grignard Reagents: $\hat{\text{A}}$ Alkoxide-Directed Iodine $\hat{\text{A}}$ Magnesium Exchange at sp <sup>3</sup> Centers. <i>Organic Letters</i> , 2007, 9, 4507-4509.  | 2.4 | 22        |
| 430 | Direct Aminoalkylation of Arenes and Heteroarenes via Ni-Catalyzed Negishi Cross-Coupling Reactions. <i>Organic Letters</i> , 2007, 9, 5529-5532.  | 2.4 | 52        |
| 431 | Multiple Regioselective Functionalizations of Quinolines via Magnesiations. <i>Organic Letters</i> , 2007, 9, 5525-5528.   | 2.4 | 84        |
| 432 | Functionalization of Unprotected Uracil Derivatives Using the Halogen $\hat{\text{A}}$ Magnesium Exchange. <i>Organic Letters</i> , 2007, 9, 1639-1641.  | 2.4 | 46        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 433 | The Mg-Oppenauer Oxidation as a Mild Method for the Synthesis of Aryl and Metallocenyl Ketones. <i>Chemistry - A European Journal</i> , 2007, 13, 215-227.  | 1.7 | 55        |
| 434 | Direct Magnesiumation of Polyfunctionalized Arenes and Heteroarenes Using (tmp) <sub>2</sub> Mg·LiCl. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7681-7684.   | 7.2 | 195       |
| 435 | (tmp) <sub>2</sub> Zn·MgCl <sub>2</sub> ·LiCl: A Chemoselective Base for the Directed Zincation of Sensitive Arenes and Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7685-7688.                                 | 7.2 | 266       |
| 436 | Diastereodivergent Synthesis of Enantiomerically Pure Homoallylic Amine Derivatives Containing Quaternary Carbon Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9291-9294.                                       | 7.2 | 63        |
| 437 | Copper(I)-Mediated Oxidative Cross-Coupling between Functionalized Alkynyl Lithium and Aryl Magnesium Reagents. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9093-9096.   | 7.2 | 80        |
| 438 | Modern Amination Reactions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4166-4176.   | 1.2 | 176       |
| 439 | Preparation of functionalized 3,4-pyridynes via 2-magnesiated diaryl sulfonates. <i>Tetrahedron</i> , 2007, 63, 2787-2797.  | 1.0 | 47        |
| 440 | Reactivity of stable neopentyl-Pd intermediates in the absence of nucleophile. <i>Tetrahedron Letters</i> , 2007, 48, 4943-4946.  | 0.7 | 40        |
| 441 | Chemoselective C(sp <sup>3</sup> )–H Bond Activation for the Preparation of Condensed N-Heterocycles. <i>Chemistry - an Asian Journal</i> , 2007, 2, 416-433.   | 1.7 | 55        |
| 442 | Synthesis of Functionalized <i>ortho</i> , <i>meta</i> , and <i>para</i> -Terphenyl Derivatives by Consecutive Cross-Coupling Reactions of Triazene-Substituted Arylboronic Esters. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1020-1030. | 1.7 | 56        |
| 443 | Halogen–magnesium exchange on unprotected aromatic and heteroaromatic carboxylic acids. <i>Chemical Communications</i> , 2007, , 2075-2077.   | 2.2 | 35        |
| 444 | Preparation of Polyfunctional Aryl Azides from Aryl Triazenes. A New Synthesis of Ellipticine, 9-Methoxyellipticine, Isoellipticine, and 7-Carboethoxyisoellipticine. <i>Journal of Organic Chemistry</i> , 2007, 72, 7106-7115.              | 1.7 | 97        |
| 445 | Directed Ortho Insertion (DOI): A New Approach to Functionalized Aryl and Heteroaryl Zinc Reagents. <i>Journal of the American Chemical Society</i> , 2007, 129, 12358-12359.   | 6.6 | 85        |
| 446 | Highly Functionalized Benzene Syntheses by Directed Mono or Multiple Magnesiations with TMPMgCl·LiCl. <i>Organic Letters</i> , 2006, 8, 5673-5676.  | 2.4 | 158       |
| 447 | Regioselective functionalization of trisubstituted pyridines using a bromine–magnesium exchange. <i>Chemical Communications</i> , 2006, , 726-728.  | 2.2 | 39        |
| 448 | Selective functionalization of imidazoles via an iodine–copper exchange reaction. <i>Chemical Communications</i> , 2006, , 2170-2172.   | 2.2 | 24        |
| 449 | Direct preparation of copper organometallics bearing an aldehyde function via an iodine–copper exchange. <i>Chemical Communications</i> , 2006, , 2486-2488.  | 2.2 | 8         |
| 450 | Magnesiated Unsaturated Silylated Cyanohydrins as Synthetic Equivalents of Aromatic and Heterocyclic Grignard Reagents Bearing a Ketone or an Aldehyde. <i>Organic Letters</i> , 2006, 8, 617-619.  | 2.4 | 29        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 451 | Functionalized magnesium organometallics as versatile intermediates for the synthesis of polyfunctional heterocycles. <i>Chemical Communications</i> , 2006, , 583-593.  | 2.2 | 122       |
| 452 | An Improved Asymmetric Reformatsky Reaction Mediated by ( $\hat{\alpha}$ )-N,N-Dimethylaminoisoborneol. <i>Organic Letters</i> , 2006, 8, 1125-1128.   | 2.4 | 83        |
| 453 | Preparation of Aryl $\hat{\alpha}$ Alkylamines via Electrophilic Amination of Functionalized Arylazo Tosylates with Alkylzinc Reagents. <i>Organic Letters</i> , 2006, 8, 3741-3744.   | 2.4 | 45        |
| 454 | Cobalt(II)-Catalyzed Cross-Coupling between Polyfunctional Arylcopper Reagents and Aryl Fluorides or Tosylates. <i>Organic Letters</i> , 2006, 8, 725-728.   | 2.4 | 136       |
| 455 | Chemo- and Regioselective Functionalization of Uracil Derivatives. Applications to the Synthesis of Oxypurinol and Emivirine. <i>Organic Letters</i> , 2006, 8, 3737-3740.   | 2.4 | 47        |
| 456 | Synthesis of Functionalized Diarylmethanes via a Copper-Catalyzed Cross-Coupling of Arylmagnesium Reagents with Benzylic Phosphates. <i>Organic Letters</i> , 2006, 8, 4121-4124.  | 2.4 | 102       |
| 457 | Stereoselective Functionalization of $\hat{1}^2$ -Iodo- $\hat{1}^2$ -Unsaturated Ketones via an Iodine $\hat{\alpha}$ Copper Exchange Reaction. <i>Organic Letters</i> , 2006, 8, 1941-1943.   | 2.4 | 26        |
| 458 | Preparation and Reactions of Heteroaryl Organomagnesium Compounds. <i>Chemistry Letters</i> , 2006, 35, 2-7.   | 0.7 | 45        |
| 459 | An efficient Negishi cross-coupling reaction catalyzed by nickel(II) and diethyl phosphite. <i>Tetrahedron</i> , 2006, 62, 7521-7533.  | 1.0 | 62        |
| 460 | Ferrocenyl-QUINAP: a planar chiral P,N-ligand for palladium-catalyzed allylic substitution reactions. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 116-123.   | 1.8 | 57        |
| 461 | Practical Highly Enantioselective Synthesis of Propargylamines through a Copper-Catalyzed One-Pot Three-Component Condensation Reaction. <i>Chemistry - A European Journal</i> , 2006, 12, 4380-4392.  | 1.7 | 183       |
| 462 | Functionalized Benzylic Magnesium Reagents through a Sulfur-Magnesium Exchange. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 606-609.  | 7.2 | 64        |
| 463 | Highly Efficient Reagents for Br/Mg Exchange. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 159-162.  | 7.2 | 225       |
| 464 | Soluble Lanthanide Salts ( $\text{LnCl}_3 \cdot 2 \text{LiCl}$ ) for the Improved Addition of Organomagnesium Reagents to Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 497-500.  | 7.2 | 288       |
| 465 | Mixed Mg/Li Amides of the Type $\text{R}_2\text{NMgCl} \cdot \text{LiCl}$ as Highly Efficient Bases for the Regioselective Generation of Functionalized Aryl and Heteroaryl Magnesium Compounds. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2958-2961. | 7.2 | 469       |
| 466 | Chemoselective Benzylic $\text{C}\hat{\alpha}$ -H Activations for the Preparation of Condensed N-Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3462-3465.   | 7.2 | 115       |
| 467 | Copper-Catalyzed Preparation of Ketones Bearing a Stereogenic Center in $\hat{1}^2$ Position. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3686-3689.  | 7.2 | 38        |
| 468 | Transition-Metal-Free Homocoupling of Organomagnesium Compounds. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5010-5014.   | 7.2 | 111       |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 469 | Efficient Synthesis of Functionalized Organozinc Compounds by the Direct Insertion of Zinc into Organic Iodides and Bromides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6040-6044.  | 7.2 | 402       |
| 470 | General Preparation of Primary, Secondary, and Tertiary Aryl Amines by the Oxidative Coupling of Polyfunctional Aryl and Heteroaryl Amidocuprates. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7838-7842.                     | 7.2 | 78        |
| 471 | Iron-Catalyzed Cross-Coupling between Alkenyl and Dienyl Sulfonates and Functionalized Arylcopper Reagents. <i>Synlett</i> , 2006, 2006, 0407-0410.  | 1.0 | 5         |
| 472 | Preparation and Reactions of Functionalized Organocopper Reagents. <i>Synthesis</i> , 2006, 2006, 2618-2623.   | 1.2 | 5         |
| 473 | Cobalt-Catalyzed Cross-Coupling Reactions of Heterocyclic Chlorides with Arylmagnesium Halides and of Polyfunctionalized Arylcopper Reagents with Aryl Bromides, Chlorides, Fluorides and Tosylates. <i>Synthesis</i> , 2006, 2006, 3547-3574. | 1.2 | 10        |
| 474 | Highly Stereoselective Access to Sulfur Derivatives Starting from Zinc Organometallics. <i>Synlett</i> , 2006, 2006, 0792-0794.  | 1.0 | 6         |
| 475 | Preparation of Polyfunctional Tertiary Amines via the Electrophilic Amination of Arylmagnesium Compounds Using N-Chloroamines. <i>Synlett</i> , 2006, 2006, 3304-3308.   | 1.0 | 2         |
| 476 | Stereoselective Preparation of Highly Functionalized (Z)-3-Copper Enoates by an Iodine-Copper Exchange Reaction. <i>Synthesis</i> , 2006, 2006, 2167-2172.   | 1.2 | 2         |
| 477 | Synthesis of JOSIPHOS-type ligands via a diastereoselective three-component reaction and their application in asymmetric rhodium-catalyzed hydroborations. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3385-3393.                                | 1.8 | 19        |
| 478 | Preparation of functionalized primary chiral amines and amides via an enantioselective three-component synthesis of propargylamines. <i>Tetrahedron</i> , 2005, 61, 11418-11426.   | 1.0 | 51        |
| 479 | Iron-Catalyzed Aryl-Aryl Cross-Couplings with Magnesium-Derived Copper Reagents. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1654-1658.   | 7.2 | 144       |
| 480 | Preparation and Selective Reactions of Mixed Bimetallic Aromatic and Heteroaromatic Boron-Magnesium Reagents. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3133-3135.  | 7.2 | 93        |
| 481 | Cobalt(II)-Catalyzed Cross-Coupling of Polyfunctional Aryl Copper Reagents with Aryl Bromides and Chlorides. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2947-2951.   | 7.2 | 74        |
| 482 | Preparation of Functionalized Aryl Magnesium Reagents by the Addition of Magnesium Aryl Thiolates and Amides to Arynes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4258-4261.  | 7.2 | 97        |
| 483 | Highly Enantioselective Preparation of Tertiary Alcohols and Amines by Copper-Mediated Diastereoselective Allylic SN <sup>2</sup> Substitutions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4627-4631.                       | 7.2 | 74        |
| 484 | Preparation and Reactions of Highly Functionalized Bis-Arylzinc Reagents Using a Li(acac)-Catalyzed Iodine-Zinc Exchange. <i>Synthesis</i> , 2005, 2005, 2625-2629.  | 1.2 | 2         |
| 485 | A General Thiolation of Magnesium Organometallics Using Tetramethylthiuram Disulfide. <i>Synlett</i> , 2005, 2005, 2691-2693.  | 1.0 | 3         |
| 486 | Enantioselective Synthesis of Chiral $\beta$ -Aminoalkyl-1,2,3-triazoles Using a Three-Component Reaction. <i>Synlett</i> , 2005, 2005, 2796-2798.   | 1.0 | 8         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 487 | Preparation of Highly Functionalized Heterocyclic Zinc Organometallics via a Li(acac)-Catalysis of the I/Zn-Exchange Reaction. <i>Synlett</i> , 2005, 2005, 267-270.   | 1.0 | 3         |
| 488 | A Direct Preparation of Functionalized Aryl and Heteroaryl Disulfides from Functionalized Zinc Organometallics by Using Sulfur Monochloride (S <sub>2</sub> Cl <sub>2</sub> ). <i>Synlett</i> , 2005, 2005, 1185-1187. | 1.0 | 7         |
| 489 | Highly Enantioselective Synthesis of Propargylamines Using (Mesitylmethyl)Benzylamine. <i>Synlett</i> , 2005, 2005, 2799-2801.   | 1.0 | 5         |
| 490 | 2-Phenallyl as a versatile protecting group for the asymmetric one-pot three-component synthesis of propargylamines. <i>Chemical Communications</i> , 2005, , 4175.  | 2.2 | 71        |
| 491 | Metalated Nitriles:Â Organolithium, -magnesium, and -copper Exchange of Î±-Halonitriles. <i>Journal of Organic Chemistry</i> , 2005, 70, 2200-2205.  | 1.7 | 58        |
| 492 | Efficient Cross-Coupling of Functionalized Arylzinc Halides Catalyzed by a Nickel Chlorideâ~Diethyl Phosphite System. <i>Organic Letters</i> , 2005, 7, 4871-4874.   | 2.4 | 62        |
| 493 | Stereoselective Functionalization of Cyclopropane Derivatives Using Bromine/Magnesium and Sulfoxide/Magnesium Exchange Reactions. <i>Organic Letters</i> , 2005, 7, 3789-3791.   | 2.4 | 37        |
| 494 | Synthesis of Functionalized Nitroarylmagnesium Halides via an Iodineâ~Magnesium Exchange. <i>Journal of Organic Chemistry</i> , 2005, 70, 2445-2454.   | 1.7 | 49        |
| 495 | Preparation of Polyfunctional Arylmagnesium Reagents Bearing a Triazene Moiety. A New Carbazole Synthesis. <i>Organic Letters</i> , 2005, 7, 2543-2546.  | 2.4 | 102       |
| 496 | Preparation of cyclic alkenylmagnesium reagents via an iodine/magnesium exchange. <i>Chemical Communications</i> , 2005, , 543.  | 2.2 | 71        |
| 497 | A New Method for the Selective Amination of 1,3- and 1,4-Dinitrobenzenes and Protected Nitroanilines Leading to Polyfunctional 1,3- and 1,4-Disubstituted Anilines. <i>Synlett</i> , 2004, 2004, 955-958.              | 1.0 | 4         |
| 498 | Preparation and Reactions of Polyfunctional Magnesium Arylcuprates Obtained by an Iodine-Copper Exchange. <i>Synlett</i> , 2004, 2004, 81-84.  | 1.0 | 0         |
| 499 | Synthesis of Chiral Î±-Aminoalkylpyrimidines Using an Enantioselective Three-Component Reaction. <i>Synthesis</i> , 2004, 2004, 2015-2025.   | 1.2 | 5         |
| 500 | Preparation and Acylation of Highly Functionalized Copper Derivatives of 3-Iodoindazoles Leading to Polyfunctional 3-Acylindazoles. <i>Synlett</i> , 2004, 2004, 2303-2306.  | 1.0 | 3         |
| 501 | Aerobic Ru-Catalyzed Epoxidations in Fluorous Biphasic System Using New Fluorous Benzimidazolic Ligands. <i>Synlett</i> , 2004, 2004, 951-954.   | 1.0 | 5         |
| 502 | Stereoselective S <sub>N</sub> 2-Substitutions Using Polyfunctional Lithium Arylcuprates Prepared by an Iodineâ~Copper Exchange. <i>Organic Letters</i> , 2004, 6, 529-531.  | 2.4 | 43        |
| 503 | Convenient magnesiation of aromatic and heterocyclic rings bearing a hydroxy group in presence of LiCl. <i>Chemical Communications</i> , 2004, , 2288.   | 2.2 | 62        |
| 504 | New efficient synthesis of Taniaphos ligands: application in ruthenium- and rhodium-catalyzed enantioselective hydrogenations. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 91-102.                                       | 1.8 | 78        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 505 | Novel chiral diphosphine ligands with a pinene core obtained via an allylphosphiniteâ€“allylphosphine oxide rearrangement. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2279-2288.                                      | 1.8 | 28        |
| 506 | A General Amination Method Based on the Addition of Polyfunctional Arylmagnesium Reagents to Functionalized Arylazo Tosylates. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 897-900.                 | 7.2 | 85        |
| 507 | Nucleophilic Catalysis of the Iodineâ€“Zinc Exchange Reaction: Preparation of Highly Functionalized Diaryl Zinc Compounds. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1017-1021.                   | 7.2 | 143       |
| 508 | An Efficient Synthesis of Diaryl Ketones by Iron-Catalyzed Arylation of Aroyl Cyanides. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2968-2970.  | 7.2 | 152       |
| 509 | A LiCl-Mediated Br/Mg Exchange Reaction for the Preparation of Functionalized Aryl- and Heteroarylmagnesium Compounds from Organic Bromides. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3333-3336. | 7.2 | 817       |
| 510 | Preparation of Polyfunctional Arynes via 2-Magnesiated Diaryl Sulfonates. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4364-4366.  | 7.2 | 101       |
| 511 | Synthesis of Nitro-Substituted Polyfunctional Biphenyls by Negishi Cross-Coupling of Nitroarylzinc Reagents. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 709-712.   | 2.1 | 16        |
| 512 | Polyfunctional Organomagnesium and Organozinc Reagents: New Reagents for the Synthesis of Complex Organic Molecules. <i>ChemInform</i> , 2004, 35, no.   | 0.1 | 0         |
| 513 | Diastereoselective Remote C-H Activation by Hydroboration. <i>Chemistry - A European Journal</i> , 2004, 10, 4252-4264.  | 1.7 | 34        |
| 514 | Stereoselective [2,3] sigmatropic rearrangement of acyclic allylic phosphinites. <i>Chemical Communications</i> , 2004, , 304.   | 2.2 | 22        |
| 515 | Practical highly enantioselective synthesis of terminal propargylamines. An expeditious synthesis of (S)-(+)-coniine. <i>Chemical Communications</i> , 2004, , 2324.   | 2.2 | 110       |
| 516 | Selective Functionalization in Positions 2 and 3 of Indole via an Iodineâ€“Copper Exchange Reaction. <i>Organic Letters</i> , 2004, 6, 1665-1667.  | 2.4 | 37        |
| 517 | Metalated Nitriles:â€“ Halogenâ€“Metal Exchange with $\alpha$ -Halonitriles. <i>Organic Letters</i> , 2004, 6, 501-503.  | 2.4 | 32        |
| 518 | Enantioselective Synthesis of $\alpha$ -Ionone Derivatives Using an Anti SN2â€“ Substitution of Functionalized Zinc Organometallics. <i>Organic Letters</i> , 2004, 6, 2409-2411.                                    | 2.4 | 77        |
| 519 | t-BuOK-Mediated Hydrophosphination of Functionalized Alkenes:â€“ A Novel Synthesis of Chiral P,N- and P,P-Ligands. <i>Journal of Organic Chemistry</i> , 2004, 69, 4595-4601.  | 1.7 | 54        |
| 520 | Stereoselective Preparation of Functionalized Acyclic Alkenylmagnesium Reagents Using i-PrMgCl-LiCl. <i>Organic Letters</i> , 2004, 6, 4215-4217.  | 2.4 | 118       |
| 521 | Successive Iodineâ€“Magnesium or â€“Copper Exchange Reactions for the Selective Functionalization of Polyhalogenated Aromatics. <i>Organic Letters</i> , 2003, 5, 1229-1231.   | 2.4 | 51        |
| 522 | Facile and Racemization-Free Conversion of Chiral Nitriles into Pyridine Derivatives. <i>Journal of Organic Chemistry</i> , 2003, 68, 9221-9225.   | 1.7 | 51        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 523 | Expeditious Functionalization of Quinolines in Positions 2 and 8 via Polyfunctional Aryl- and Heteroarylmagnesium Intermediates. <i>ChemInform</i> , 2003, 34, no.   | 0.1 | 0         |
| 524 | Substrate-Controlled Highly Diastereoselective Synthesis of Primary and Secondary Diorganozinc Reagents by a Hydroboration/Boron $\rightarrow$ Zinc Exchange Sequence. <i>Chemistry - A European Journal</i> , 2003, 9, 2789-2796. | 1.7 | 43        |
| 525 | Synthesis of Enantiomerically Enriched Propargylamines by Copper-Catalyzed Addition of Alkynes to Enamines. <i>Chemistry - A European Journal</i> , 2003, 9, 2797-2811.  | 1.7 | 120       |
| 526 | Stereoselective Synthesis of anti-1,4-Diols by a BH $\rightarrow$ THF-Mediated Rearrangement of 1,2-Disubstituted Cyclobutenes. <i>Chemistry - A European Journal</i> , 2003, 9, 5259-5265.  | 1.7 | 22        |
| 527 | Mild Synthesis of Polyfunctional Benzimidazoles and Indoles by the Reduction of Functionalized Nitroarenes with Phenylmagnesium Chloride. <i>Chemistry - A European Journal</i> , 2003, 9, 5323-5331.                              | 1.7 | 55        |
| 528 | Highly Functionalized Organomagnesium Reagents Prepared through Halogen-Metal Exchange. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4302-4320.  | 7.2 | 715       |
| 529 | New P,N Ligands for Asymmetric Ir-Catalyzed Reactions. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3941-3943.   | 7.2 | 143       |
| 530 | Enantioselective, Copper(I)-Catalyzed Three-Component Reaction for the Preparation of Propargylamines. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5763-5766.   | 7.2 | 437       |
| 531 | Stereoselective migration of sterically hindered organoboranes in cyclic and acyclic systems. A stereoselective allylic C $\rightarrow$ H activation reaction. <i>Tetrahedron</i> , 2003, 59, 9187-9198.                           | 1.0 | 10        |
| 532 | Synthesis of polyfunctional indoles and related heterocycles mediated by cesium and potassium bases. <i>Tetrahedron</i> , 2003, 59, 1571-1587.   | 1.0 | 227       |
| 533 | Synthesis and reaction of secondary and primary diorganozinc reagents using a boron $\rightarrow$ zinc exchange reaction. <i>Journal of Organometallic Chemistry</i> , 2003, 680, 136-142.   | 0.8 | 38        |
| 534 | New P,N-ferrocenyl ligands for rhodium-catalyzed hydroboration and palladium-catalyzed allylic alkylation. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 255-264.  | 1.8 | 46        |
| 535 | Highly anti-Selective S $\rightarrow$ N Substitutions of Chiral Cyclic 2-Iodo-Allylic Alcohol Derivatives with Mixed Zinc $\rightarrow$ Copper Reagents. <i>Organic Letters</i> , 2003, 5, 1059-1061.                              | 2.4 | 70        |
| 536 | Highly Stereoselective Anti S $\rightarrow$ N Substitutions of (Z)-Allylic Pentafluorobenzoates with Polyfunctionalized Zinc $\rightarrow$ Copper Reagents. <i>Organic Letters</i> , 2003, 5, 2111-2114.                           | 2.4 | 133       |
| 537 | Direct preparation of polyfunctional amino-substituted arylmagnesium reagents via an iodine $\rightarrow$ magnesium exchange reaction. <i>Chemical Communications</i> , 2003, , 396-397.   | 2.2 | 18        |
| 538 | Stereoselective Preparation of Functionalized Unsaturated Lactones and Esters via Functionalized Magnesium Carbenoids. <i>Synthesis</i> , 2003, 2003, 1797-1802.   | 1.2 | 3         |
| 539 | New Applications of Camphor-Derived P,N-Ligands for Asymmetric Pd- and Ir-Catalyzed Reactions. <i>Synlett</i> , 2003, 2003, 2240-2242.   | 1.0 | 1         |
| 540 | New Cobalt-Catalyzed Cross-Coupling Reactions of Heterocyclic Chlorides with Aryl and Heteroaryl Magnesium Halides. <i>Synlett</i> , 2003, 2003, 1892-1894.  | 1.0 | 6         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 541 | Preparation and Reactions of Functionalized Arylmagnesium Reagents. <i>Synthesis</i> , 2002, 2002, 565-569.  | 1.2 | 100       |
| 542 | Cross-coupling between 3-Pyridylmagnesium Chlorides and Heteroaromatic Halides. <i>Synlett</i> , 2002, 2002, 1008-1010.  | 1.0 | 68        |
| 543 | Synthesis and Reactivity of Aryl- and Heteroaryl-Magnesium Reagents Bearing Keto Groups. <i>Synlett</i> , 2002, 2002, 1799-1802.   | 1.0 | 1         |
| 544 | Functionalized main-group organometallics for organic synthesis. <i>Pure and Applied Chemistry</i> , 2002, 74, 11-17.  | 0.9 | 11        |
| 545 | Mechanism of the Stereoselective Alkyl Group Exchange between Alkylboranes and Alkylzinc Compounds. Quest for Novel Types of Boron-Metal Exchange Reactions. <i>Organometallics</i> , 2002, 21, 2203-2207.                           | 1.1 | 25        |
| 546 | Diastereoselective Reduction of Alkenylboronic Esters as a New Method for Controlling the Stereochemistry of up to Three Adjacent Centers in Cyclic and Acyclic Molecules. <i>Organic Letters</i> , 2002, 4, 2861-2863.              | 2.4 | 92        |
| 547 | Preparation of Polyfunctional Heterocycles Using Highly Functionalized Aminated Arylmagnesium Reagents as Versatile Scaffolds. <i>Organic Letters</i> , 2002, 4, 1819-1822.  | 2.4 | 52        |
| 548 | A New General Preparation of Polyfunctional Diarylamines by the Addition of Functionalized Arylmagnesium Compounds to Nitroarenes. <i>Journal of the American Chemical Society</i> , 2002, 124, 9390-9391.                           | 6.6 | 125       |
| 549 | Nickel-Catalyzed Cross-Coupling between Functionalized Primary or Secondary Alkylzinc Halides and Primary Alkyl Halides. <i>Journal of Organic Chemistry</i> , 2002, 67, 79-85.  | 1.7 | 216       |
| 550 | One-pot chemoselective functionalization of arylsilanes via cascade metal-metal exchange reactions. <i>Chemical Communications</i> , 2002, , 1390-1391.  | 2.2 | 21        |
| 551 | Facile axial chirality control by using a precursor with central chirality. Application to the preparation of new axially chiral diphosphine complexes for asymmetric catalysis. <i>Chemical Communications</i> , 2002, , 2546-2547. | 2.2 | 44        |
| 552 | General Preparation of Functionalized o-Nitroarylmagnesium Halides through an Iodine-Magnesium Exchange. <i>Angewandte Chemie</i> , 2002, 114, 1680-1681.  | 1.6 | 29        |
| 553 | Synthesis of a New Class of Chiral 1,5-Diphosphanylferrocene Ligands and Their Use in Enantioselective Hydrogenation. <i>Chemistry - A European Journal</i> , 2002, 8, 843-852.  | 1.7 | 145       |
| 554 | Preparation of New Functionalized Cyclopropylmagnesium Reagents We thank the Deutsche  |     |           |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 559 | Synthesis of $\beta,\beta'$ -disubstituted ferrocenes via a ferrocenylepoxy intermediate. Preparation and catalytic activity of a new chiral ferrocenyloxazoline. <i>Tetrahedron: Asymmetry</i> , 2002, 12, 3375-3380.      | 1.8 | 30        |
| 560 | Copper-catalysed aerobic oxidation of alcohols using fluoros biphasic catalysis. <i>Tetrahedron</i> , 2002, 58, 3985-3991.  | 1.0 | 175       |
| 561 | Syntheses of substituted pyridines, quinolines and diazines via palladium-catalyzed cross-coupling of aryl Grignard reagents. <i>Tetrahedron</i> , 2002, 58, 4429-4438.   | 1.0 | 101       |
| 562 | Preparation of $\beta$ -functionalized alkenylmagnesium reagents via a halide-magnesium exchange. <i>Tetrahedron</i> , 2002, 58, 4787-4799.   | 1.0 | 55        |
| 563 | Preparation of 2-arylated-1,4-phenylenediamines by palladium-catalyzed cross-coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2002, 653, 122-128.   | 0.8 | 18        |
| 564 | Stereoselective cyclizations mediated by functionalized organomagnesium reagents and catalyzed by cobalt or copper salts. <i>Tetrahedron Letters</i> , 2002, 43, 4875-4879.   | 0.7 | 30        |
| 565 | t-BuOK-catalyzed addition phosphines to functionalized alkenes: a convenient synthesis of polyfunctional phosphine derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 5817-5819.   | 0.7 | 103       |
| 566 | Stereoselective preparation of highly functionalized (Z)-3-magnesiates enoates by an iodine-magnesium exchange reaction. <i>Chemical Communications</i> , 2001, , 2068-2069.  | 2.2 | 31        |
| 567 | Remote $\alpha$ -H Activation of Phenyl-Substituted Alkenes by $\text{BH}_3\cdot\text{THF}$ : Mechanism and Applications. <i>Organic Letters</i> , 2001, 3, 2395-2398.  | 2.4 | 24        |
| 568 | Stereoselective Synthesis of Secondary Organozinc Reagents and Their Reaction with Heteroatomic Electrophiles. <i>Organic Letters</i> , 2001, 3, 127-130.   | 2.4 | 60        |
| 569 | Copper-Mediated Cross-Coupling of Functionalized Arylmagnesium Reagents with Functionalized Alkyl and Benzylic Halides. <i>Organic Letters</i> , 2001, 3, 2871-2873.  | 2.4 | 89        |
| 570 | New functionalized alkenylmagnesium reagents bearing an oxygen function in the $\beta$ -position. Preparation and reaction of 5-magnesiates-1,3-dioxin-4-one derivatives. <i>Tetrahedron Letters</i> , 2001, 42, 6847-6850. | 0.7 | 36        |
| 571 | Diastereoselective synthesis and reactions of diorganozinc reagents obtained after hydroborations with 9-BBN-H, thexylborane and catecholborane. <i>Tetrahedron Letters</i> , 2001, 42, 8829-8831.                          | 0.7 | 27        |
| 572 | New preparation of benzylic zinc reagents via a fragmentation reaction. <i>Journal of Organometallic Chemistry</i> , 2001, 624, 88-95.  | 0.8 | 17        |
| 573 | Stereoselective addition of organomanganese reagents to chiral acylsilanes and aldehydes. <i>Journal of Organometallic Chemistry</i> , 2001, 624, 223-228.  | 0.8 | 22        |
| 574 | Preparation of a rigid bicyclic diphosphine by radical cyclisation. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 909-914.  | 1.8 | 10        |
| 575 | New C <sub>2</sub> -Symmetrical 1,2-Diphosphanes for the Efficient Rhodium-Catalyzed Asymmetric Hydroboration of Styrene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1235-1238.               | 7.2 | 75        |
| 576 | Formal Enantioselective Michael Addition with Umpolung of Reactivity. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3022-3025.   | 7.2 | 33        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 577 | t-BuOK-Catalyzed addition of ketones and nitriles to vinylic silanes, phosphines and thio derivatives. <i>Chemical Communications</i> , 2001, , 745-746.   | 2.2 | 64        |
| 578 | Enantioselective Preparation of a Novel Chiral 1,2-Diamine. <i>Synthesis</i> , 2001, 2001, 0863-0866.  | 1.2 | 30        |
| 579 | Improved Preparation of Secondary Zinc Iodides by 1,2-Migration of sp <sup>3</sup> Carbenoids. <i>Synlett</i> , 2001, 2001, 0818-0820.   | 1.0 | 27        |
| 580 | Preparation of Functionalized Magnesiated Aniline Derivatives. <i>Synlett</i> , 2001, 2001, 0477-0480.   | 1.0 | 34        |
| 581 | Fe(III)-Catalyzed Cross-Coupling Between Functionalized Arylmagnesium Compounds and Alkenyl Halides. <i>Synlett</i> , 2001, 2001, 1901-1904.   | 1.0 | 119       |
| 582 | Selective transformations mediated by main-group organometallics. <i>Pure and Applied Chemistry</i> , 2000, 72, 1699-1703.   | 0.9 | 10        |
| 583 | Preparation of new chiral borane-protected P,N-ferrocenyl ligands via a methoxy directed ortho-lithiation. , 2000, 12, 389-395.  |     | 18        |
| 584 | New Polyfunctional Magnesium Reagents for Organic Synthesis. <i>Chemistry - A European Journal</i> , 2000, 6, 767-770.   | 1.7 | 100       |
| 585 | Versatile Indole Synthesis by a 5-endo-dig Cyclization Mediated by Potassium or Cesium Bases. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2488-2490.  | 7.2 | 206       |
| 586 | C-H Activation by Direct Borane-Hydrocarbon Dehydrogenation: Kinetic and Thermodynamic Aspects. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4136-4139.  | 7.2 | 37        |
| 587 | New Applications of Polyfunctional Organometallic Compounds in Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4414-4435.  | 7.2 | 279       |
| 588 | First Study of Syntheses and Reactivity of Grignard Compounds in the Diazine Series. <i>Diazines. Part 27. Tetrahedron</i> , 2000, 56, 265-273.  | 1.0 | 41        |
| 589 | Preparation of functionalized alkenylmagnesium bromides via a bromine-magnesium exchange. <i>Tetrahedron Letters</i> , 2000, 41, 3319-3322.  | 0.7 | 56        |
| 590 | Copper-catalyzed aerobic oxidation of alcohols under fluoruous biphasic conditions. <i>Tetrahedron Letters</i> , 2000, 41, 4343-4346.  | 0.7 | 221       |
| 591 | Highly enantioselective copper-catalyzed substitution of allylic chlorides with diorganozincs. <i>Tetrahedron Letters</i> , 2000, 41, 9233-9237.   | 0.7 | 100       |
| 592 | Improved Nickel-Catalyzed Cross-Coupling Reaction Conditions between ortho-Substituted Aryl Iodides/Nonaflates and Alkylzinc Iodides in Solution and in the Solid-Phase. <i>Tetrahedron</i> , 2000, 56, 4197-4201. | 1.0 | 29        |
| 593 | Aminomethylation of Functionalized Organozinc Reagents and Grignard Reagents Using Immonium Trifluoroacetates. <i>Synthesis</i> , 2000, 2000, 941-948.   | 1.2 | 39        |
| 594 | Preparation of New Polyfunctional Magnesiated Heterocycles Using a Chlorine, Bromine, or Iodine-Magnesium Exchange. <i>Journal of Organic Chemistry</i> , 2000, 65, 4618-4634.                                     | 1.7 | 174       |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 595 | Potassium tert-Butoxide Catalyzed Addition of Carbonyl Derivatives to Styrenes. <i>Organic Letters</i> , 2000, 2, 3285-3287.   | 2.4 | 88        |
| 596 | Copper Catalyzed Conjugate Addition of Highly Functionalized Arylmagnesium Compounds to Enones. <i>Tetrahedron</i> , 2000, 56, 2727-2731.  | 1.0 | 90        |
| 597 | Highly Regio- and Stereoselective Thermal Migration of Organoboranes in Acyclic Molecules. <i>Journal of the American Chemical Society</i> , 2000, 122, 10218-10219.   | 6.6 | 21        |
| 598 | New Allene Synthesis via Carbocupration <sup>+</sup> Zinc Carbenoid Homologation and $\beta^2$ -Elimination Sequence. <i>Organic Letters</i> , 2000, 2, 2849-2852.   | 2.4 | 40        |
| 599 | Preparation of Functionalized Arylmagnesium Reagents Bearing an ortho-Chloromethyl Group. <i>Journal of Organic Chemistry</i> , 2000, 65, 8108-8110.   | 1.7 | 49        |
| 600 | New Applications of Polyfunctional Organometallic Compounds in Organic Synthesis Frequently used abbreviations are defined at the end of the article.. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4414-4435. | 7.2 | 21        |
| 601 | Preparation and Reactions of Functionalized Magnesium Carbenoids. <i>Synlett</i> , 1999, 1999, 1820-1822.  | 1.0 | 54        |
| 602 | Preparation and Reactions of Magnesiated Uracil Derivatives. <i>Synlett</i> , 1999, 1999, 1577-1578.   | 1.0 | 29        |
| 603 | Neopentyl and Neophyl Groups: New Nontransferable Groups for Organocopper and Organozinc Chemistry. <i>Synthesis</i> , 1999, 1999, 312-316.  | 1.2 | 30        |
| 604 | A Selenium Catalyzed Epoxidation in Perfluorinated Solvents with Hydrogen Peroxide. <i>Synlett</i> , 1999, 1999, 489-491.  | 1.0 | 74        |
| 605 | Palladium catalyzed stereoselective cross-couplings and acylations of chiral secondary diorganozincs. <i>Tetrahedron Letters</i> , 1999, 40, 687-690.  | 0.7 | 59        |
| 606 | Ru-Centered coordination complexes as a new phase transfer catalyst for alkylation of enolates and Michael additions. <i>Tetrahedron Letters</i> , 1999, 40, 3685-3688.  | 0.7 | 31        |
| 607 | Stereoselective preparation of phosphine oxides via a 2,3-sigmatropic shift of allylic diphenylphosphinites. <i>Tetrahedron Letters</i> , 1999, 40, 4981-4984.   | 0.7 | 33        |
| 608 | Cesium hydroxide catalyzed addition of alcohols and amine derivatives to alkynes and styrene. <i>Tetrahedron Letters</i> , 1999, 40, 6193-6195.  | 0.7 | 165       |
| 609 | Bromine-magnesium-exchange as a general tool for the preparation of polyfunctional aryl and heteroaryl magnesium-reagents. <i>Tetrahedron Letters</i> , 1999, 40, 7449-7453.   | 0.7 | 134       |
| 610 | Preparation and stereoselective additions of highly substituted cyclic allylzinc reagents a zinc-ene cyclization. <i>Tetrahedron Letters</i> , 1999, 40, 7779-7782.  | 0.7 | 23        |
| 611 | Asymmetric hydroboration with new chiral monoalkylboranes bearing a non-stereogenic, chirotopic center. <i>Tetrahedron</i> , 1999, 55, 8801-8814.  | 1.0 | 11        |
| 612 | Stereoselective substitution of $\beta^1$ -aminoalkylferrocenes with diorganozincs. A fast synthesis of new chiral FERRIPHOS ligands for asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1839-1842.            | 1.8 | 39        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 613 | New Efficient Nickel- and Palladium-Catalyzed Cross-Coupling Reactions Mediated by Tetrabutylammonium Iodide. <i>Organic Letters</i> , 1999, 1, 1323-1326.   | 2.4 | 135       |
| 614 | Phosphoraneiminato Complexes of Manganese and Cobalt with Heterocubane Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1999, 625, 1494-1499.  | 0.6 | 6         |
| 615 | Copper(I)-Catalyzed Enantioselective Substitution of Allyl Chlorides with Diorganozinc Compounds. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 379-381.  | 7.2 | 134       |
| 616 | Synthesis and Stereoselective Reactions of New Stable $\eta^5$ -Ferrocenyllithium Derivatives. An Umpolung of the Ferrocene Reactivity. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1457-1460.  | 7.2 | 27        |
| 617 | Cesium Hydroxide: A Superior Base for the Catalytic Alkynylation of Aldehydes and Ketones and Catalytic Alkenylation of Nitriles. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1463-1465.  | 7.2 | 97        |
| 618 | Ferrocenyl Ligands with Two Phosphanyl Substituents in the $\eta^5$ , $\eta^5$ positions for the Transition Metal Catalyzed Asymmetric Hydrogenation of Functionalized Double Bonds. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3212-3215. | 7.2 | 163       |
| 619 | New Efficient Nickel-Catalyzed Cross-Coupling Reaction between Two $\text{Csp}^3$ Centers. <i>Journal of Organic Chemistry</i> , 1999, 64, 3544-3553.  | 1.7 | 179       |
| 620 | Stereoselective Preparation of Functionalized Alkenylmagnesium Reagents via an Iodine-Magnesium Exchange Reaction. <i>Journal of Organic Chemistry</i> , 1999, 64, 1080-1081.  | 1.7 | 70        |
| 621 | A new approach towards the synthesis of $\text{sp}^3$ 1,1-diiodoalkanes. <i>Chemical Communications</i> , 1999, , 2207-2208.   | 2.2 | 19        |
| 622 | A New Highly Stereoselective Rearrangement of Acyclic Tertiary Organoboranes: An Example of Highly Stereoselective Remote $\text{C-H}$ Activation. <i>Journal of the American Chemical Society</i> , 1999, 121, 6940-6941.                                   | 6.6 | 54        |
| 623 | New Homochiral Ligands Bearing Nonstereogenic Chirotopic Centers. Lithiated $N,N$ -Dialkylureas as Chiral Bases and Sterically Crowded Phosphines for Asymmetric Catalysis. <i>Journal of Organic Chemistry</i> , 1999, 64, 5581-5588.                       | 1.7 | 31        |
| 624 | Preparation and Reactions of Masked Allylic Organozinc Reagents. <i>Journal of Organic Chemistry</i> , 1999, 64, 186-195.  | 1.7 | 85        |
| 625 | Synthesis of 2,4-Disubstituted 2,5-Dihydrofurans and 1-Substituted 1,3-Dihydroisobenzofurans via an Iodine-Magnesium Exchange Reaction. <i>ACS Combinatorial Science</i> , 1999, 1, 181-183.   | 3.3 | 17        |
| 626 | A nickel-catalyzed carbozincation of aryl-substituted alkynes. <i>Tetrahedron</i> , 1998, 54, 1299-1316.   | 1.0 | 89        |
| 627 | New strategy for the preparation of nitrogen- and phosphorus-containing chiral polyfunctional secondary alcohols. <i>Tetrahedron</i> , 1998, 54, 10317-10328.  | 1.0 | 26        |
| 628 | Wacker oxidation of alkenes using a fluorous biphasic system. A mild preparation of polyfunctional ketones. <i>Tetrahedron Letters</i> , 1998, 39, 6667-6670.  | 0.7 | 81        |
| 629 | Enantioselective Preparation of $\text{C}_2$ -Symmetrical Ferrocenyl Ligands for Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , 1998, 4, 950-968.   | 1.7 | 176       |
| 630 | Preparation of Highly Functionalized Grignard Reagents by an Iodine-Magnesium Exchange Reaction and its Application in Solid-Phase Synthesis. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1701-1703.  | 7.2 | 244       |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 631 | An Efficient Nickel-Catalyzed Cross-Coupling Between sp <sup>3</sup> Carbon Centers. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2387-2390.  | 7.2 | 212       |
| 632 | Stereoselective Allylic C-H Activation with Tertiary Alkylboranes: A New Method for Preparing Cycloalkyl Derivatives with Three Adjacent Stereocenters. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2459-2461. | 7.2 | 31        |
| 633 | New Chiral Ligands with Nonstereogenic Chirotopic Centers for Asymmetric Synthesis. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3014-3016.   | 7.2 | 31        |
| 634 | Conjugate Michael additions with mixed diorganozincs. <i>Tetrahedron</i> , 1998, 54, 1471-1490.   | 1.0 | 67        |
| 635 | Enantioselective synthesis of 1,2-, 1,3- and 1,4- aminoalcohols by the addition of dialkylzincs to 1,2-, 1,3- and 1,4- aminoaldehydes. <i>Tetrahedron</i> , 1998, 54, 6385-6402.  | 1.0 | 58        |
| 636 | Organozinc mediated reactions. <i>Tetrahedron</i> , 1998, 54, 8275-8319.  | 1.0 | 309       |
| 637 | Cobalt-catalyzed alkenylation of zinc organometallics. <i>Tetrahedron Letters</i> , 1998, 39, 6163-6166.  | 0.7 | 82        |
| 638 | New C <sub>2</sub> -symmetrical ferrocenyl diamines as ligands for ruthenium catalyzed transfer hydrogenation. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1143-1163.  | 1.8 | 86        |
| 639 | Highly diastereoselective reactions using masked allylic zinc reagents. <i>Chemical Communications</i> , 1998, , 2407-2408.   | 2.2 | 28        |
| 640 | Stereoselective preparation and reactions of configurationally-defined mixed acyclic dialkylzincs. <i>Chemical Communications</i> , 1998, , 205-206.  | 2.2 | 24        |
| 641 | Masked allylic zinc reagents. <i>Chemical Communications</i> , 1998, , 2405-2406.   | 2.2 | 37        |
| 642 | Ni(II)-Catalyzed Cross-Coupling between Polyfunctional Arylzinc Derivatives and Primary Alkyl Iodides. <i>Journal of the American Chemical Society</i> , 1998, 120, 11186-11187.  | 6.6 | 152       |
| 643 | Synthesis of Chiral Ferrocenyl-Substituted Î <sup>2</sup> -Amino Cyclopentadienes and Their Complexation to Transition Metals. <i>Organometallics</i> , 1998, 17, 7-9.  | 1.1 | 42        |
| 644 | Preparation and Reactions of Zincated Thymine Derivatives. <i>Journal of Organic Chemistry</i> , 1998, 63, 9117-9121.   | 1.7 | 18        |
| 645 | Palladium-Catalyzed Cross-Coupling Reactions with Aryl Nonaflates: A Practical Alternative to Aryl Triflates. <i>Journal of Organic Chemistry</i> , 1998, 63, 203-208.  | 1.7 | 119       |
| 646 | Stereoselective Preparation and Reaction of Chiral Secondary Cycloalkyl- and Alkyl-Zinc Reagents. <i>Synlett</i> , 1998, 1998, 1438-1440.   | 1.0 | 27        |
| 647 | Stereoselective Nickel and Manganese Catalyzed Cyclizations of 5-Haloketones. <i>Synlett</i> , 1998, 1998, 143-144.   | 1.0 | 20        |
| 648 | Preparation of Highly Functionalized Pyridylmagnesium Reagents for the Synthesis of Polyfunctional Pyridines. <i>Synlett</i> , 1998, 1998, 1359-1360.   | 1.0 | 58        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 649 | Iodine-Zinc Exchange Reactions Mediated by <i>i</i> -Pr <sub>2</sub> Zn. A New Preparation of Secondary Zinc Reagents. <i>Synlett</i> , 1997, 1997, 327-328.  | 1.0 | 35        |
| 650 | Multiple Cross-Coupling Reactions of Aryl and Benzylic Zinc Halides with Aryl Halides and Triflates in Solid-Phase Synthesis of Polyfunctional Aromatics. <i>Synlett</i> , 1997, 1997, 1084-1086.   | 1.0 | 30        |
| 651 | Conjugate Michael-additions with mixed diorganozincs. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 3117-3118.   | 0.9 | 26        |
| 652 | Highly Enantioselective Addition of Mixed Diorganozincs to Aldehydes. <i>Journal of Organic Chemistry</i> , 1997, 62, 7895-7898.  | 1.7 | 97        |
| 653 | New Chiral C <sub>3</sub> -Symmetric Triols as Ligands for Vanadium and Titanium Complexes. <i>Organometallics</i> , 1997, 16, 5869-5878.   | 1.1 | 25        |
| 654 | Preparation of polyfunctional phosphines using zinc organometallics. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 715-738.  | 1.8 | 77        |
| 655 | Catalytic asymmetric synthesis of protected $\beta$ -hydroxy aldehydes and related 1,2-difunctional chiral building blocks. An enantioselective synthesis of ( $\beta$ -exo- and ( $\beta$ -endo-brevicomine. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 779-800. | 1.8 | 39        |
| 656 | Synthesis of new C <sub>2</sub> -symmetrical diphosphines using chiral zinc organometallics. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 987-990.  | 1.8 | 35        |
| 657 | Preparation and reactions of new zincated nitrogen-containing heterocycles. <i>Tetrahedron</i> , 1997, 53, 7237-7254.   | 1.0 | 103       |
| 658 | Chemoselective oxidation of organozinc reagents with oxygen. <i>Tetrahedron</i> , 1997, 53, 9135-9144.  | 1.0 | 30        |
| 659 | Preparation and reactions of 2-zincated 2-cyclohexen-1-one and related heterocycles. <i>Tetrahedron</i> , 1997, 53, 16711-16720.  | 1.0 | 45        |
| 660 | Nickel catalyzed tellurium-zinc exchange reactions. A new preparation of arylzinc reagents. <i>Tetrahedron Letters</i> , 1997, 38, 1005-1008.   | 0.7 | 33        |
| 661 | New multi-coupling benzylic zinc reagents for the preparation of flexible aromatic compounds. <i>Tetrahedron Letters</i> , 1997, 38, 1749-1752.   | 0.7 | 38        |
| 662 | Preparation and reactivity of functionalized aryl and alkenylmanganese halides. <i>Tetrahedron Letters</i> , 1997, 38, 1927-1930.   | 0.7 | 25        |
| 663 | New chiral ferrocenyl building blocks for asymmetric reactions. <i>Tetrahedron Letters</i> , 1997, 38, 3711-3714.   | 0.7 | 31        |
| 664 | Substitution of ferrocenyl acetates with organozinc reagents. An enantioselective preparation of polyfunctional chiral ferrocenes. <i>Tetrahedron Letters</i> , 1997, 38, 5961-5964.  | 0.7 | 27        |
| 665 | New Nickel-Catalyzed Carbozincation of Alkynes: A Short Synthesis of ( <i>Z</i> )-Tamoxifen. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 93-95.   | 4.4 | 127       |
| 666 | Stereoselective Preparation and Reactions of Cycloalkylzinc Compounds. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 245-246.   | 4.4 | 47        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 667 | Transition Metal Catalyzed Oxidations in Perfluorinated Solvents. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1454-1456.   | 4.4 | 160       |
| 668 | $\beta$ -Silyl Diorganozinc Compounds – A New Class of Useful Zinc Reagents. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1496-1498.  | 4.4 | 103       |
| 669 | Palladium-Catalyzed Cross-Coupling of Organozinc Bromides with Aryl Iodides in Perfluorinated Solvents. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2623-2624.                                       | 4.4 | 122       |
| 670 | New Coupling Reactions and Phosphorylations Using Organozinc Reagents. <i>Chemische Berichte</i> , 1997, 130, 1021-1027.   | 0.2 | 28        |
| 671 | Nickel-Catalyzed Preparations of Functionalized Organozincs. <i>Journal of Organic Chemistry</i> , 1996, 61, 7473-7481.  | 1.7 | 81        |
| 672 | Stereoselective Synthesis of Heterocyclic Zinc Reagents via a Nickel-Catalyzed Radical Cyclization. <i>Journal of Organic Chemistry</i> , 1996, 61, 5743-5753.   | 1.7 | 115       |
| 673 | Preparation of Functionalized Dialkylzincs via a Boron $\rightarrow$ Zinc Exchange. Reactivity and Catalytic Asymmetric Addition to Aldehydes. <i>Journal of Organic Chemistry</i> , 1996, 61, 8229-8243.                      | 1.7 | 165       |
| 674 | Selective Pd(0)-Catalyzed Arylations with New Electrophilic or Nucleophilic Multi-Coupling Reagents. <i>Synlett</i> , 1996, 1996, 573-575.   | 1.0 | 68        |
| 675 | Stereoselective Preparation of Polyfunctional Cyclopentane Derivatives by Radical Nickel $\rightarrow$ or Palladium $\rightarrow$ Catalyzed Carbozincations. <i>Chemistry - A European Journal</i> , 1996, 2, 1204-1220.       | 1.7 | 85        |
| 676 | A New Nickel-Catalyzed Cross-Coupling Reaction between $sp^3$ Carbon Centers. <i>Angewandte Chemie International Edition in English</i> , 1996, 34, 2723-2725.   | 4.4 | 184       |
| 677 | Preparation of 1,3-Dizinc Compounds by a Boron $\rightarrow$ Zinc Exchange. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 218-220.   | 4.4 | 22        |
| 678 | New Cobalt- and Iron-Catalyzed Reactions of Organozinc compounds. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1700-1701.   | 4.4 | 144       |
| 679 | Preparation of polyfunctional aryl and alkenyl zinc halides from functionalized unsaturated organolithiums and their reactivity in cross-coupling and conjugated addition reactions. <i>Tetrahedron</i> , 1996, 52, 7201-7220. | 1.0 | 148       |
| 680 | A new practical asymmetric synthesis of C2-symmetrical 1,1 $\rightarrow$ -ferrocenyl diols via CBS-reduction. <i>Tetrahedron Letters</i> , 1996, 37, 25-28.  | 0.7 | 84        |
| 681 | Preparation and reactions of functionalized chlorodiorganophosphine-borane complexes using organozinc reagents. <i>Tetrahedron Letters</i> , 1996, 37, 2209-2212.  | 0.7 | 32        |
| 682 | Uncatalyzed conjugate additions of diorganozincs in N-methylpyrrolidinone. <i>Tetrahedron Letters</i> , 1996, 37, 4495-4498.   | 0.7 | 72        |
| 683 | New mixed metal (Mn/Cu) catalyzed stereoselective cyclizations. <i>Tetrahedron Letters</i> , 1996, 37, 5865-5868.  | 0.7 | 42        |
| 684 | Lithiated bis(diethylamino)phosphine borane complex as useful nucleophilic phosphorus reagent. <i>Tetrahedron Letters</i> , 1996, 37, 6099-6102.   | 0.7 | 26        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 685 | New efficient catalysts for enantioselective transfer hydrogenations. <i>Tetrahedron Letters</i> , 1996, 37, 8165-8168.   | 0.7 | 99        |
| 686 | Preparation of zinc organometallics derived from nucleosides and nucleic acid bases and Pd(0) catalyzed coupling with aryl iodides. <i>Tetrahedron Letters</i> , 1996, 37, 8375-8378.                               | 0.7 | 51        |
| 687 | Direct Oxidation of Organoboranes with Oxygen in Perfluoroalkanes. <i>Synlett</i> , 1996, 1996, 1004-1006.  | 1.0 | 16        |
| 688 | Functionalized Diorganozinc Compounds: Key Reagents for the Synthesis of Enantiomerically Pure 2,5-Disubstituted <i>cis</i> - and <i>trans</i> -Tetrahydrofurans. <i>Chemische Berichte</i> , 1995, 128, 1021-1028. | 0.2 | 24        |
| 689 | Catalytic asymmetric synthesis of chiral secondary polyfunctional alcohols using diorganozincs. <i>Applied Organometallic Chemistry</i> , 1995, 9, 175-188.   | 1.7 | 43        |
| 690 | New enantioselective syntheses of acetylenic alcohols using functionalized diorganozincs. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2675-2678.   | 1.8 | 46        |
| 691 | A short formal synthesis of ( $\alpha$ )-methylene lactocin via a nickel catalyzed intramolecular carbosincation. <i>Tetrahedron Letters</i> , 1995, 36, 231-232.   | 0.7 | 70        |
| 692 | A new preparation of diorganozincs from olefins via a nickel catalyzed hydrozincation. <i>Tetrahedron Letters</i> , 1995, 36, 1023-1026.  | 0.7 | 78        |
| 693 | Oxidation of zinc organometallics prepared by hydrozincation or carbosincation using oxygen. <i>Tetrahedron Letters</i> , 1995, 36, 3161-3164.  | 0.7 | 47        |
| 694 | A new efficient preparation of polyfunctional phosphines using zinc organometallics. <i>Tetrahedron Letters</i> , 1995, 36, 4591-4594.  | 0.7 | 36        |
| 695 | Preparation of polyfunctional ketones by a cobalt(II) mediated carbonylation of organozinc reagents. <i>Tetrahedron Letters</i> , 1995, 36, 8411-8414.  | 0.7 | 50        |
| 696 | Selective Oxidation of Zinc Organometallics to Hydroperoxides Using Oxygen in Perfluorohexanes. <i>Synlett</i> , 1995, 1995, 1113-1114.   | 1.0 | 35        |
| 697 | Stereoselective Reactions Mediated by Functionalized Diorganozincs. <i>Synlett</i> , 1995, 1995, 393-403.   | 1.0 | 122       |
| 698 | Structural Characterization of Organocuprate reagents. EXAFS Spectroscopy and ab Initio Calculations. <i>Journal of the American Chemical Society</i> , 1995, 117, 12489-12497.                                     | 6.6 | 75        |
| 699 | Chromium(II)-Mediated Stereodivergent Additions of Allylic Phosphates and Halides to Aldehydes. <i>Journal of Organic Chemistry</i> , 1995, 60, 2762-2772.  | 1.7 | 69        |
| 700 | A New Approach to Chiral Cyclopentadienylmetal Complexes. <i>Organometallics</i> , 1995, 14, 5000-5001.   | 1.1 | 28        |
| 701 | Preparation and Reactions of Diorganozincs from Dienic Silyl Enol Ethers. <i>Journal of Organic Chemistry</i> , 1995, 60, 3311-3317.  | 1.7 | 49        |
| 702 | New Synthesis of Functionalized Chromium Carbene Complexes Using Zinc Organometallics. <i>Organometallics</i> , 1995, 14, 3163-3166.  | 1.1 | 30        |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 703 | Stereospecific Synthesis of Polyfunctional Alkenes by the Cross-Coupling of Functionalized Zinc-Copper Reagents with Alkenyl Iodides. <i>Synlett</i> , 1994, 1994, 849-850.  | 1.0 | 11        |
| 704 | Enantioselective preparation of a C3 symmetrical triol. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1161-1162.  | 1.8 | 40        |
| 705 | Dramatic titanium alkoxide effect in the catalytic enantioselective addition of dialkylzincs to aldehydes. <i>Tetrahedron Letters</i> , 1994, 35, 4539-4540.   | 0.7 | 76        |
| 706 | Stereoselective synthesis of substituted tetrahydrofurans and butyrolactones by a new nickel catalyzed carbozincation. <i>Tetrahedron Letters</i> , 1994, 35, 8349-8352.   | 0.7 | 75        |
| 707 | Enantioselective preparation of C2-symmetrical 1,4-diols. <i>Tetrahedron Letters</i> , 1994, 35, 5849-5852.  | 0.7 | 45        |
| 708 | A convenient preparation of functionalized arylzinc compounds by the reaction of zinc/silver-graphite with aryl iodides. <i>Tetrahedron Letters</i> , 1994, 35, 1047-1050.   | 0.7 | 34        |
| 709 | Preparation and reactivity of chiral $\hat{I}^2$ -amido-alkylzinc iodides and related configurationally stable zinc organometallics. <i>Tetrahedron</i> , 1994, 50, 2415-2432.   | 1.0 | 105       |
| 710 | Preparation of alkylzinc bromides using a new Mn/Cu catalyzed bromine-zinc exchange reaction. <i>Tetrahedron Letters</i> , 1994, 35, 1177-1180.  | 0.7 | 68        |
| 711 | Catalytic asymmetric reductive addition of olefins to aldehydes mediated by boron and zinc organometallics. <i>Tetrahedron Letters</i> , 1994, 35, 9007-9010.  | 0.7 | 65        |
| 712 | Preparation of polyfunctional olefins and allenes using 1,1-bimetallics of zinc and zirconium. <i>Organometallics</i> , 1994, 13, 94-101.  | 1.1 | 33        |
| 713 | Catalytic Asymmetric Addition of Polyfunctional Dialkylzincs to $\beta$ -Stannylated and $\beta$ -Silylated Unsaturated Aldehydes. <i>Journal of Organic Chemistry</i> , 1994, 59, 4143-4153.  | 1.7 | 116       |
| 714 | Catalytic Asymmetric Preparation of Polyfunctional Protected 1,2-Diols and Epoxides. <i>Journal of Organic Chemistry</i> , 1994, 59, 3760-3761.  | 1.7 | 62        |
| 715 | Enantioselective Catalytic Addition of Functionalized Dialkylzinc Compounds to $\hat{I}^2$ -Stannylated Aldehydes: A Convenient Preparation of Chiral $\hat{I}^2$ - and $\hat{I}^3$ -Functionalized Secondary Alcohols. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 582-584. | 4.4 | 53        |
| 716 | Enantioselective katalytische Addition funktionalisierter Dialkylzinkverbindungen an $\hat{I}^2$ -stannylierte Aldehyde; eine einfache Methode zur Herstellung nichtracemischer $\hat{I}^2$ - und $\hat{I}^3$ -funktionalisierter sekundärer Alkohole. <i>Angewandte Chemie</i> , 1993, 105, 629-631.  | 1.6 | 23        |
| 717 | Preparation and reactivity of functionalized alkenyl-zinc, -copper, and -chromium organometallics. <i>Tetrahedron</i> , 1993, 49, 29-48.   | 1.0 | 74        |
| 718 | Preparation of polyfunctional nitriles by the cyanation of functionalized organozinc halides with p-toluenesulfonyl cyanide. <i>Tetrahedron Letters</i> , 1993, 34, 4623-4626.   | 0.7 | 96        |
| 719 | A new approach to indole alkaloids via indole chromium complexes. <i>Tetrahedron Letters</i> , 1993, 34, 5051-5054.  | 0.7 | 36        |
| 720 | Stereoselective synthesis of polyfunctional di- and trisubstituted cyclopentane derivatives using a new palladium catalyzed cyclization.. <i>Tetrahedron Letters</i> , 1993, 34, 7911-7914.  | 0.7 | 56        |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 721 | A new catalytic asymmetric approach to polyfunctional aldol products mediated by zinc organometallics. <i>Tetrahedron Letters</i> , 1993, 34, 5881-5884.  | 0.7  | 52        |
| 722 | Preparation and reaction of new dialkylzincs obtained by a boron-zinc transmetalation.. <i>Tetrahedron Letters</i> , 1993, 34, 5261-5264.   | 0.7  | 65        |
| 723 | Preparation and reactions of polyfunctional organozinc reagents in organic synthesis. <i>Chemical Reviews</i> , 1993, 93, 2117-2188.  | 23.0 | 1,012     |
| 724 | Palladium-catalyzed iodine-zinc exchange reactions. A new palladium-mediated intramolecular carbocation of alkenes. <i>Journal of the American Chemical Society</i> , 1993, 115, 7027-7028.                                 | 6.6  | 112       |
| 725 | Selective mono- and polymethylene homologations of copper reagents using (iodomethyl)zinc iodide. <i>Journal of Organic Chemistry</i> , 1993, 58, 2694-2713.  | 1.7  | 118       |
| 726 | Cross-coupling between functionalized alkylcopper reagents and functionalized alkyl halides. <i>Journal of Organic Chemistry</i> , 1993, 58, 4781-4782.   | 1.7  | 49        |
| 727 | Preparation and reactivity of highly functionalized organometallics at the .alpha. position of oxygen or nitrogen. <i>Journal of Organic Chemistry</i> , 1993, 58, 588-599.   | 1.7  | 100       |
| 728 | Structural characterization of organocopper reagents by EXAFS spectroscopy. <i>Journal of the American Chemical Society</i> , 1993, 115, 348-350.   | 6.6  | 66        |
| 729 | The chemistry of polyfunctional organozinc and copper reagents. <i>Pure and Applied Chemistry</i> , 1992, 64, 361-369.  | 0.9  | 69        |
| 730 | Addition of polyfunctional and pure (E or Z) alkenylcopper and arylcopper compounds to alkylidenemalonates. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1406.                                  | 2.0  | 17        |
| 731 | Mild and stereoselective hydroborations of functionalized alkynes and alkenes using pinacolborane. <i>Journal of Organic Chemistry</i> , 1992, 57, 3482-3485.   | 1.7  | 329       |
| 732 | Preparation of polyfunctional allenic alcohols by the regioselective addition of functionalized propargylic chromium(III) organometallics to carbonyl compounds. <i>Journal of Organic Chemistry</i> , 1992, 57, 4070-4074. | 1.7  | 34        |
| 733 | Preparation of functionalized dialkylzinc reagents via an iodine-zinc exchange reaction. Highly enantioselective synthesis of functionalized secondary alcohols. <i>Journal of Organic Chemistry</i> , 1992, 57, 1956-1958. | 1.7  | 207       |
| 734 | New preparation of .alpha.-methylene-.gamma.-butyrolactones mediated by (iodomethyl)zinc iodide. <i>Journal of the American Chemical Society</i> , 1992, 114, 7579-7581.  | 6.6  | 81        |
| 735 | Stereodivergent additions of allylic chromium(III) reagents to aldehydes. <i>Journal of Organic Chemistry</i> , 1992, 57, 6384-6386.  | 1.7  | 42        |
| 736 | Preparation of polyfunctional nitro olefins and nitroalkanes using the copper-zinc reagents RCu(CN)ZnI. <i>Journal of Organic Chemistry</i> , 1992, 57, 5431-5438.  | 1.7  | 67        |
| 737 | Preparation and Reactivity of Polyfunctional Zinc and Copper Organometallics Bearing Sulfur Functionalities. <i>Tetrahedron</i> , 1992, 48, 2025-2043.  | 1.0  | 34        |
| 738 | Preparation of highly functionalized 3,4-disubstituted cyclobutene-1,2-diones using functionalized zinc-copper organometallics. <i>Tetrahedron Letters</i> , 1992, 33, 7515-7518.   | 0.7  | 29        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 739 | Preparation and reactions of 1,1-zinc, boron and 1,1-copper, boron alkenyl bimetallics. <i>Tetrahedron Letters</i> , 1992, 33, 3717-3720.   | 0.7 | 56        |
| 740 | Preparation of polyfunctional diorganomercurials and their transmetallation to diorganozincs. Applications to the preparation of optically active secon. <i>Journal of Organometallic Chemistry</i> , 1992, 438, 11-27.   | 0.8 | 34        |
| 741 | Preparation of highly functionalized magnesium, zinc, and copper aryl and alkenyl organometallics via the corresponding organolithiums. <i>Journal of the American Chemical Society</i> , 1992, 114, 3983-3985.   | 6.6 | 158       |
| 742 | Preparation of new classes of aliphatic, allylic, and benzylic zinc and copper reagents by the insertion of zinc dust into organic halides, phosphates, and sulfonates. <i>Journal of Organic Chemistry</i> , 1992, 57, 5425-5431.  | 1.7 | 128       |
| 743 | Asymmetric Deprotonation as an Efficient Enantioselective Preparation of Functionalized Secondary Alcohols. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1459-1461.  | 4.4 | 29        |
| 744 | A highly stereoselective olefination of aldehydes using new zinc and zirconium 1,1-bimetallic reagents. <i>Journal of the American Chemical Society</i> , 1991, 113, 9888-9890.   | 6.6 | 62        |
| 745 | Preparation and reactions of zinc and copper organometallics bearing acidic hydrogens. <i>Journal of Organic Chemistry</i> , 1991, 56, 5974-5978.   | 1.7 | 84        |
| 746 | A direct preparation of vinylogous acyl anion equivalents. <i>Journal of Organic Chemistry</i> , 1991, 56, 4593-4596.   | 1.7 | 57        |
| 747 | Stereospecific preparation of polyfunctional olefins by the carbometalation of alkynes with polyfunctional zinc-copper organometallics. Stereospecific preparation of five-membered carbocycles by intramolecular carbocupration. <i>Journal of the American Chemical Society</i> , 1991, 113, 5735-5741. | 6.6 | 89        |
| 748 | Highly stereoselective preparation of nitro olefins and nitro dienes by the addition-elimination of copper-zinc organometallics to $\hat{1}^2$ -alkylthio and $\hat{1}^2$ -phenylsulfonyl nitro olefins. <i>Tetrahedron Letters</i> , 1991, 32, 441-444.  | 0.7 | 40        |
| 749 | Selective multiple methylene insertion reactions mediated by iodomethylzinc iodide: Mechanistic considerations and synthetic applications. <i>Tetrahedron Letters</i> , 1991, 32, 1855-1858.  | 0.7 | 33        |
| 750 | Preparation of functionalized zinc and copper organometallics containing sulfur functionalities at the alpha or gamma position. <i>Tetrahedron Letters</i> , 1990, 31, 7575-7578.   | 0.7 | 35        |
| 751 | A new preparation of highly functionalized aromatic and heteroaromatic zinc and copper organometallics. <i>Tetrahedron Letters</i> , 1990, 31, 4413-4416.   | 0.7 | 135       |
| 752 | Preparation and reactivity of $\hat{1}^2$ -zinc and copper phosphonates. <i>Tetrahedron Letters</i> , 1990, 31, 1833-1836.  | 0.7 | 47        |
| 753 | A direct conversion of vinylic organocopper compounds to allylic zinc and copper organometallics. <i>Journal of the American Chemical Society</i> , 1990, 112, 6146-6148.   | 6.6 | 66        |
| 754 | The olefination of functionalized alkylidenemalonates by 1,1-dimetallalkanes: a new chemo- and stereoselective preparation of functionalized olefins. <i>Journal of Organic Chemistry</i> , 1990, 55, 5446-5448.  | 1.7 | 46        |
| 755 | A general preparation of highly functionalized zinc and copper organometallics at the .alpha.-position to an oxygen. <i>Journal of Organic Chemistry</i> , 1990, 55, 4791-4793.   | 1.7 | 51        |
| 756 | A new approach to boron-stabilized organometallics. <i>Journal of the American Chemical Society</i> , 1990, 112, 7431-7433.   | 6.6 | 111       |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 757 | Preparation and reactions of functionalized benzylic organometallics of zinc and copper. <i>Organometallics</i> , 1990, 9, 3053-3064.   | 1.1 | 99        |
| 758 | Mixed copper, zinc 2-amino benzylic organometallics as efficient reagents for the synthesis of heterocycles. <i>Tetrahedron Letters</i> , 1989, 30, 4795-4798.  | 0.7 | 48        |
| 759 | The reactivity of the highly functionalized copper, zinc reagents $RCu(CN)ZnI$ toward 1-haloalkynes and acetylenic esters. <i>Tetrahedron Letters</i> , 1989, 30, 4799-4802.                                  | 0.7 | 116       |
| 760 | Synthesis and reactivity of open-chain and cyclic 2-cyano zinc and copper organometallics. <i>Tetrahedron Letters</i> , 1989, 30, 5069-5072.  | 0.7 | 47        |
| 761 | Preparation and reactivity of mixed benzylic 1,1-dimetalloalkanes. <i>Organometallics</i> , 1989, 8, 2831-2835.   | 1.1 | 25        |
| 762 | The addition of the highly functionalized zinc-copper reagents $RCu(CN)ZnI$ to nitro olefins. <i>Journal of Organic Chemistry</i> , 1989, 54, 5200-5202.  | 1.7 | 35        |
| 763 | Nucleophilic reactivity of zinc and copper carbenoids. Part II. <i>Journal of Organic Chemistry</i> , 1989, 54, 5202-5204.  | 1.7 | 92        |
| 764 | Zinc and copper carbenoids as efficient and selective $\alpha/d1$ multicoupling reagents. 1. <i>Journal of the American Chemical Society</i> , 1989, 111, 6474-6476.  | 6.6 | 84        |
| 765 | 3-Bromo-2-t-butylsulfonyl-1-propene. a versatile multi-coupling reagent part 1. <i>Tetrahedron</i> , 1988, 44, 4495-4508.   | 1.0 | 36        |
| 766 | 3-bromo-2-t-butylsulfonyl-1-propene. <i>Tetrahedron</i> , 1988, 44, 4509-4519.  | 1.0 | 18        |
| 767 | Preparation and nucleophilic substitution of (e)-1-bromo-2-phenylsulfonyl-2-alkenes and 3-acetoxy-2-phenylsulfonyl-1-alkenes. <i>Tetrahedron</i> , 1988, 44, 6095-6106.                                       | 1.0 | 39        |
| 768 | The reaction of the highly functionalized copper reagents $RCu(CN)ZnI \cdot BF_3$ with aldehydes. <i>Tetrahedron Letters</i> , 1988, 29, 3887-3890.   | 0.7 | 78        |
| 769 | 1,4-Additions of the highly functionalized copper reagents $RCu(CN)ZnI \cdot 2 BFP_3$ to trisubstituted enones. A new $BF_3$ promoted cyclization reaction. <i>Tetrahedron Letters</i> , 1988, 29, 6693-6696. | 0.7 | 53        |
| 770 | A mild oxidation of 1,1-diorganometallics to ketones and aldehydes. A new stereoselective approach to aldol products part I. <i>Tetrahedron Letters</i> , 1988, 29, 6697-6700.                                | 0.7 | 49        |
| 771 | A new mild oxidation of amines to aldehydes and ketones. Part II. <i>Tetrahedron Letters</i> , 1988, 29, 6701-6702.   | 0.7 | 18        |
| 772 | 2-Cyanoethylzinc iodide: A new reagent with reactivity umpolung. <i>Tetrahedron Letters</i> , 1988, 29, 2395-2396.  | 0.7 | 91        |
| 773 | General approach to highly functionalized benzylic organometallics of zinc and copper. <i>Journal of Organic Chemistry</i> , 1988, 53, 5789-5791.   | 1.7 | 107       |
| 774 | Synthesis and reactivity toward acyl chlorides and enones of the new highly functionalized copper reagents $RCu(CN)ZnI$ . <i>Journal of Organic Chemistry</i> , 1988, 53, 2390-2392.                          | 1.7 | 668       |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 775 | Copper and zinc mixed gem-dimetallic organic compounds synthesis and reactivity. part 3. Tetrahedron Letters, 1986, 27, 4427-4430.  | 0.7 | 75        |
| 776 | Reactivity of the 1-lithia-1-zincaalkenes. A formal regioselective addition of allylzinc bromide to alkenes. Part 4. Tetrahedron Letters, 1986, 27, 4431-4434.  | 0.7 | 62        |
| 777 | Diastereoselective addition of the 2-phenylsulfonyl-substituted allylic bromides to aldehydes in the presence of zinc or chromium (II) chloride. Tetrahedron Letters, 1986, 27, 5091-5094.                        | 0.7 | 33        |
| 778 | An easy synthesis of the 2-phenylsulfonyl-substituted allylic bromides and acetates and their reactivity towards nucleophiles. Tetrahedron Letters, 1986, 27, 5095-5098.  | 0.7 | 43        |
| 779 | Diastereoselective addition of functionalized allylic zinc bromides to alkenyl organometallics. Part 5. Tetrahedron Letters, 1986, 27, 5727-5730.   | 0.7 | 39        |
| 780 | Synthesis and reactivity of gem-dimetallic organic compounds. Part 1. Tetrahedron Letters, 1986, 27, 1039-1042.   | 0.7 | 79        |
| 781 | Mixed gem-dimetallic organic compounds. A new class of multi-coupling reagents part 2. Tetrahedron Letters, 1986, 27, 1043-1046.  | 0.7 | 59        |
| 782 | Trifluoroacetoxy-phenylselenation of nitroolefins regioselective preparation of nitroallylic alcohol derivatives and their use as multiple coupling reagents. Tetrahedron, 1985, 41, 4861-4872.                   | 1.0 | 63        |
| 783 | 3-Bromo-2-(tert-butylsulfonyl)-1-propene. A multi-coupling reagent Part 1.. Tetrahedron Letters, 1985, 26, 425-428.   | 0.7 | 40        |
| 784 | 5-Endo-Trigonal ring closures of unsaturated sulfones.. Tetrahedron Letters, 1985, 26, 4455-4458.   | 0.7 | 53        |
| 785 | 3-Bromo-2-(tert-butylsulfonyl)-1-propene. A multi-coupling reagent. Part 2. <1. Tetrahedron Letters, 1985, 26, 2329-2332.   | 0.7 | 25        |
| 786 | Synthesis and reactions of substituted nitro-allylating reagents. Tetrahedron Letters, 1982, 23, 3897-3900.   | 0.7 | 62        |
| 787 | Nitroallylation of highly reactive organolithium compounds by 2-nitro-3-pivaloyloxy-1-propene (NPP). Tetrahedron Letters, 1981, 22, 3223-3226.  | 0.7 | 44        |
| 788 | Transmetalation Reactions Producing Organocopper Reagents. , 0, , 45-78.  |     | 13        |
| 789 | Functionalized Organozinc Compounds. , 0, , 287-393.  |     | 31        |
| 790 | Preparation of Diorganomagnesium Reagents by Halogenâ€“Lithium Exchange of Functionalized Heteroaryl Halides and Subsequent in situ Trapping with MgCl <sub>2</sub> ·LiCl in Continuous Flow. Synthesis, 0, 52, . | 1.2 | 1         |
| 791 | Preparation of Functionalized Diorganomagnesium Reagents in Toluene via Bromine or Iodine/Magnesium-Exchange Reactions. Synthesis, 0, 53, .   | 1.2 | 1         |
| 792 | Regioselective Iodine/Zinc Exchange for the Selective Functionalization of Polyiodinated Arenes and Heterocycles in Toluene. Synthesis, 0, , .  | 1.2 | 1         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 793 | Recent Advances in Cross-Couplings of Functionalized Organozinc Reagents. <i>Synthesis</i> , 0, , .  | 1.2 | 11        |
| 794 | Regioselective Amination or Alkoxylation of Halogenated Amino-, Thio- or Alkoxy pyridines via Pyridyne Intermediates. <i>Synthesis</i> , 0, , .                      | 1.2 | 0         |
| 795 | Continuous Flow Preparation of Benzylic Sodium Organometallics. <i>Angewandte Chemie</i> , 0, , .  | 1.6 | 2         |
| 796 | Preparation of Functionalized Amides using Dicarbamoylzincs. <i>Angewandte Chemie</i> , 0, , .   | 1.6 | 0         |
| 797 | Regioselective Magnesiations of Fluorinated Arenes and Heteroarenes Using Magnesiumâ€bisâ€Diisopropylamide (MBDA) in Hydrocarbons. <i>Angewandte Chemie</i> , 0, , . | 1.6 | 0         |