

# Mark R Crimmin

## List of Publications by Year in descending order

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119  
papers

5,402  
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87888  
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times ranked

2682  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Functionalization and Hydrogenation of Carbon Chains Derived from CO**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .  | 13.8 | 10        |
| 2  | Au(I) Catalyzed HF Transfer: Tandem Alkyne Hydrofluorination and Perfluoroarene Functionalization. <i>ACS Catalysis</i> , 2022, 12, 3411-3419.  | 11.2 | 18        |
| 3  | Cooperative C-H Bond Activation by a Low-Spin d <sup>6</sup> Iron-Aluminum Complex. <i>Journal of the American Chemical Society</i> , 2022, 144, 8770-8777.                                       | 13.7 | 20        |
| 4  | Magnesium-stabilised transition metal formyl complexes: structures, bonding, and ethenediolate formation. <i>Chemical Science</i> , 2022, 13, 6592-6598.  | 7.4  | 10        |
| 5  | Repurposing of F-gases: challenges and opportunities in fluorine chemistry. <i>Chemical Society Reviews</i> , 2022, 51, 4977-4995.  | 38.1 | 24        |
| 6  | Stereoselective insertion of cyclopropenes into Mg-H bonds. <i>Chemical Communications</i> , 2022, 58, 8282-8285.   | 4.1  | 1         |
| 7  | Chemosselective C-C If-Bond Activation of the Most Stable Ring in Biphenylene**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2619-2623.  | 13.8 | 25        |
| 8  | Palladium-Catalysed C-H Bond Zincation of Arenes: Scope, Mechanism, and the Role of Heterometallic Intermediates. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6145-6153.         | 13.8 | 23        |
| 9  | Chemosselective C-C If-Bond Activation of the Most Stable Ring in Biphenylene**. <i>Angewandte Chemie</i> , 2021, 133, 2651-2655.   | 2.0  | 7         |
| 10 | Palladium-Catalysed C-H Bond Zincation of Arenes: Scope, Mechanism, and the Role of Heterometallic Intermediates. <i>Angewandte Chemie</i> , 2021, 133, 6210-6218.                                | 2.0  | 10        |
| 11 | Catalytic C-H to C-M (M = Al, Mg) bond transformations with heterometallic complexes. <i>Chemical Science</i> , 2021, 12, 1993-2000.  | 7.4  | 22        |
| 12 | Complete deconstruction of SF <sub>6</sub> by an aluminium( <i>sc</i> ) <i>i</i> ( <i>sc</i> ) compound. <i>Chemical Communications</i> , 2021, 57, 7096-7099.                                    | 4.1  | 17        |
| 13 | Group 11 Borataalkene Complexes: Models for Alkene Activation. <i>Angewandte Chemie</i> , 2021, 133, 12120-12126.   | 2.0  | 13        |
| 14 | Group 11 Borataalkene Complexes: Models for Alkene Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12013-12019.  | 13.8 | 21        |
| 15 | Benzene rings broken for chemical synthesis. <i>Nature</i> , 2021, 597, 33-34.  | 27.8 | 2         |
| 16 | 1 <sup>st</sup> row transition metal aluminylenes complexes: preparation, properties and bonding analysis. <i>Dalton Transactions</i> , 2021, 50, 7810-7817.                                      | 3.3  | 15        |
| 17 | Reactions of aluminium( <i>sc</i> ) <i>i</i> ( <i>sc</i> ) with transition metal carbonyls: scope, mechanism and selectivity of CO homologation. <i>Chemical Science</i> , 2021, 12, 14845-14854. | 7.4  | 17        |
| 18 | Alumination of aryl methyl ethers: switching between sp <sup>2</sup> and sp <sup>3</sup> C=O bond functionalisation with Pd-catalysis. <i>Chemical Communications</i> , 2021, 57, 11673-11676.    | 4.1  | 4         |

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|----|--|------|-----------|
| 19 | Palladium-catalysed C–F alummation of fluorobenzenes: mechanistic diversity and origin of selectivity. <i>Chemical Science</i> , 2020, 11, 7842-7849.                              | 7.4  | 19        |
| 20 | Organocatalyzed Fluoride Metathesis. <i>Organic Letters</i> , 2020, 22, 9351-9355.   | 4.6  | 15        |
| 21 | Defluorosilylation of trifluoromethane: upgrading an environmentally damaging fluorocarbon. <i>Chemical Communications</i> , 2020, 56, 12929-12932.                                | 4.1  | 8         |
| 22 | Cooperative strategies for CO homologation. <i>Dalton Transactions</i> , 2020, 49, 16587-16597.  | 3.3  | 41        |
| 23 | Reactions of an Aluminum(I) Reagent with 1,2-, 1,3-, and 1,5-Dienes: Dearomatization, Reversibility, and a Pericyclic Mechanism. <i>Inorganic Chemistry</i> , 2020, 59, 4608-4616. | 4.0  | 40        |
| 24 | Catalyst control of selectivity in the C–O bond alummation of biomass derived furans. <i>Chemical Science</i> , 2020, 11, 7850-7857.   | 7.4  | 15        |
| 25 | Activation and Functionalization of C=C Bonds of Alkylidene Cyclopropanes at Main Group Centers. <i>Journal of the American Chemical Society</i> , 2020, 142, 11967-11971.         | 13.7 | 25        |
| 26 | Defluoroalkylation of sp <sup>3</sup> C–F Bonds of Industrially Relevant Hydrofluoroolefins. <i>Chemistry - A European Journal</i> , 2020, 26, 5365-5368.                          | 3.3  | 26        |
| 27 | The partial dehydrogenation of aluminium dihydrides. <i>Chemical Science</i> , 2019, 10, 8083-8093.  | 7.4  | 11        |
| 28 | Defluorosilylation of Industrially Relevant Fluoroolefins Using Nucleophilic Silicon Reagents. <i>Angewandte Chemie</i> , 2019, 131, 12644-12648.                                  | 2.0  | 17        |
| 29 | A hexagonal planar transition-metal complex. <i>Nature</i> , 2019, 574, 390-393.   | 27.8 | 72        |
| 30 | Breaking Carbon–Fluorine Bonds with Main Group Nucleophiles. <i>Synlett</i> , 2019, 30, 2233-2246.   | 1.8  | 27        |
| 31 | Dihydridoboranes: Selective Reagents for Hydroboration and Hydrodefluorination. <i>Organic Letters</i> , 2019, 21, 7289-7293.  | 4.6  | 13        |
| 32 | Unravelling nucleophilic aromatic substitution pathways with bimetallic nucleophiles. <i>Chemical Communications</i> , 2019, 55, 1805-1808.  | 4.1  | 16        |
| 33 | Reversible alkene binding and allylic C–H activation with an aluminium( <i>scp</i> ) <sub>i</sub> ( <i>scp</i> ) complex. <i>Chemical Science</i> , 2019, 10, 2452-2458.           | 7.4  | 71        |
| 34 | Defluorosilylation of Industrially Relevant Fluoroolefins Using Nucleophilic Silicon Reagents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12514-12518.           | 13.8 | 56        |
| 35 | Reversible insertion of CO into an aluminium–carbon bond. <i>Chemical Communications</i> , 2019, 55, 6181-6184.  | 4.1  | 20        |
| 36 | Selective Hydrodefluorination of Hexafluoropropene to Industrially Relevant Hydrofluoroolefins. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3351-3358.                    | 4.3  | 12        |

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|----|--|------|-----------|
| 37 | Heterobimetallic Rebound: A Mechanism for Diene-to-Alkyne Isomerization with M-Zr Hydride Complexes (M = Al, Zn, and Mg). <i>Organometallics</i> , 2018, 37, 949-956.  | 2.3  | 16        |
| 38 | Reactions of Fluoroalkenes with an Aluminium(I) Complex. <i>Angewandte Chemie</i> , 2018, 130, 6748-6752.  | 2.0  | 44        |
| 39 | Reactions of Fluoroalkenes with an Aluminium(I) Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6638-6642.   | 13.8 | 94        |
| 40 | A combined experimental and computational study on the reaction of fluoroarenes with Mg-Mg, Mg-Zn, Mg-Al and Al-Zn bonds. <i>Chemical Science</i> , 2018, 9, 2348-2356.  | 7.4  | 86        |
| 41 | Enantioselective Synthesis of the Cyclopiazonic Acid Family Using Sulfur Ylides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1346-1350.   | 13.8 | 39        |
| 42 | Enantioselective Synthesis of the Cyclopiazonic Acid Family Using Sulfur Ylides. <i>Angewandte Chemie</i> , 2018, 130, 1360-1364.  | 2.0  | 5         |
| 43 | Palladium-catalysed magnesiation of benzene. <i>Chemical Communications</i> , 2018, 54, 12326-12328.   | 4.1  | 24        |
| 44 | Carbon Chain Growth by Sequential Reactions of CO and CO <sub>2</sub> with [W(CO) <sub>6</sub> ] and an Aluminum(I) Reductant. <i>Journal of the American Chemical Society</i> , 2018, 140, 13614-13617.                                       | 13.7 | 60        |
| 45 | Reactions of Fluoroalkanes with Mg-Mg Bonds: Scope, sp <sup>3</sup> -C-F(sp <sup>2</sup> -C-F) Coupling and Mechanism. <i>Chemistry - A European Journal</i> , 2018, 24, 16282-16286.  | 3.3  | 29        |
| 46 | Room temperature catalytic carbon-hydrogen bond alumination of unactivated arenes: mechanism and selectivity. <i>Chemical Science</i> , 2018, 9, 5435-5440.  | 7.4  | 63        |
| 47 | Preparation and characterisation of heterobimetallic copper-tungsten hydride complexes. <i>Dalton Transactions</i> , 2018, 47, 10595-10600.  | 3.3  | 7         |
| 48 | Tunable Binding of Dinitrogen to a Series of Heterobimetallic Hydride Complexes. <i>Organometallics</i> , 2018, 37, 4521-4526.   | 2.3  | 18        |
| 49 | Binuclear $\text{I}^2$ -diketminate complexes of copper( $\text{sc}\text{p}^{\text{i}}$ ). <i>Dalton Transactions</i> , 2017, 46, 2081-2090.   | 3.3  | 15        |
| 50 | Isolation of an unusual [Cu <sub>6</sub> ] nanocluster through sequential addition of copper( $\text{sc}\text{p}^{\text{i}}$ ) to a polynucleating ligand. <i>Dalton Transactions</i> , 2017, 46, 2077-2080.                                   | 3.3  | 8         |
| 51 | Reversible Coordination of Boron-, Aluminum-, Zinc-, Magnesium-, and Calcium-Hydrogen Bonds to Bent {CuL <sub>2</sub> } Fragments: Heavy $\text{f}$ Complexes of the Lightest Coinage Metal. <i>Inorganic Chemistry</i> , 2017, 56, 8669-8682. | 4.0  | 30        |
| 52 | Stereoisomerism of bis( $\text{f}$ -Zincane) Complexes: Evidence for an Intramolecular Pathway. <i>Chemistry - A European Journal</i> , 2017, 23, 5682-5686.   | 3.3  | 11        |
| 53 | Organometallic chemistry using partially fluorinated benzenes. <i>Chemical Communications</i> , 2017, 53, 3615-3633.   | 4.1  | 88        |
| 54 | Functionalisation of Carbon-Fluorine Bonds with Main Group Reagents. <i>Synthesis</i> , 2017, 49, 810-821.   | 2.3  | 32        |

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|----|---|------|-----------|
| 55 | Magnesium, zinc, aluminium and gallium hydride complexes of the transition metals. <i>Chemical Communications</i> , 2017, 53, 1348-1365.  | 4.1  | 74        |
| 56 | Selective Reduction of CO <sub>2</sub> to a Formate Equivalent with Heterobimetallic Gold–Copper Hydride Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15127-15130. | 13.8 | 33        |
| 57 | Selective Reduction of CO <sub>2</sub> to a Formate Equivalent with Heterobimetallic Gold–Copper Hydride Complexes. <i>Angewandte Chemie</i> , 2017, 129, 15323-15326.                        | 2.0  | 11        |
| 58 | Palladium-Catalyzed Carbon–Fluorine and Carbon–Hydrogen Bond Alumination of Fluoroarenes and Heteroarenes. <i>Angewandte Chemie</i> , 2017, 129, 12861-12865.                                 | 2.0  | 6         |
| 59 | Mild sp <sup>2</sup> Carbon–Oxygen Bond Activation by an Isolable Ruthenium(II) Bis(dinitrogen) Complex: Experiment and Theory. <i>Organometallics</i> , 2017, 36, 3654-3663.                 | 2.3  | 13        |
| 60 | Palladium-Catalyzed Carbon–Fluorine and Carbon–Hydrogen Bond Alumination of Fluoroarenes and Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12687-12691.          | 13.8 | 22        |
| 61 | Isomerization of Cyclooctadiene to Cyclooctyne with a Zinc/Zirconium Heterobimetallic Complex. <i>Angewandte Chemie</i> , 2016, 128, 7065-7067.   | 2.0  | 8         |
| 62 | Trajectory of Approach of a Zinc–Hydrogen Bond to Transition Metals. <i>Angewandte Chemie</i> , 2016, 128, 16265-16268.   | 2.0  | 10        |
| 63 | Trajectory of Approach of a Zinc–Hydrogen Bond to Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16031-16034.  | 13.8 | 31        |
| 64 | Addition of Carbon–Fluorine Bonds to a Mg(I)–Mg(I) Bond: An Equivalent of Grignard Formation in Solution. <i>Journal of the American Chemical Society</i> , 2016, 138, 12763-12766.           | 13.7 | 72        |
| 65 | Isomerization of Cyclooctadiene to Cyclooctyne with a Zinc/Zirconium Heterobimetallic Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6951-6953.                        | 13.8 | 30        |
| 66 | Selective Oxidation of Methane to Methanol Over Cu- and Fe-Exchanged Zeolites: The Effect of Si/Al Molar Ratio. <i>Catalysis Letters</i> , 2016, 146, 483-492.                                | 2.6  | 66        |
| 67 | Addition of aluminium, zinc and magnesium hydrides to rhodium( <i>sc</i> ). <i>Chemical Science</i> , 2015, 6, 5617-5622.   | 7.4  | 50        |
| 68 | Bis([f-BH]) complexes of copper( <i>sc</i> ): precursors to a heterogeneous amine–borane dehydrogenation catalyst. <i>Dalton Transactions</i> , 2015, 44, 12530-12534.                        | 3.3  | 33        |
| 69 | Re-evaluating selectivity as a determining factor in peroxidative methane oxidation by multimetallic copper complexes. <i>Catalysis Science and Technology</i> , 2015, 5, 4108-4115.          | 4.1  | 13        |
| 70 | Yttrium-Catalyzed Amine–Silane Dehydrocoupling: Extended Reaction Scope with a Phosphorus-Based Ligand. <i>Organometallics</i> , 2015, 34, 4369-4375.   | 2.3  | 27        |
| 71 | Oxidative addition of carbon–fluorine and carbon–oxygen bonds to Al( <i>sc</i> ). <i>Chemical Communications</i> , 2015, 51, 15994-15996.   | 4.1  | 114       |
| 72 | Rhodium Catalyzed, Carbon–Hydrogen Bond Directed Hydrodefluorination of Fluoroarenes. <i>Organometallics</i> , 2014, 33, 7027-7030.   | 2.3  | 31        |

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|----|--|------|-----------|
| 73 | Yttrium-catalysed dehydrocoupling of alanes with amines. <i>Chemical Communications</i> , 2014, 50, 9536.  | 4.1  | 8         |
| 74 | Catalytic hydroacylenation of carbodiimides with homoleptic alkaline earth hexamethyldisilazides. <i>Dalton Transactions</i> , 2014, 43, 14249-14256.  | 3.3  | 37        |
| 75 | Weakly Coordinated Zinc and Aluminum $\beta$ -Complexes of Copper(I). <i>Organometallics</i> , 2014, 33, 2685-2688.  | 2.3  | 35        |
| 76 | Ligand-Based Carbon-Nitrogen Bond Forming Reactions of Metal Dinitrosyl Complexes with Alkenes and Their Application to C-H Bond Functionalization. <i>Accounts of Chemical Research</i> , 2014, 47, 517-529.  | 15.6 | 35        |
| 77 | Beryllium derivatives of a phenyl-substituted $\beta$ -diketiminate: a well-defined ring opening reaction of tetrahydrofuran. <i>Dalton Transactions</i> , 2013, 42, 9720.   | 3.3  | 38        |
| 78 | A metal-amide dependent, catalytic C-H functionalisation of triphenylphosphonium methylide. <i>Chemical Science</i> , 2013, 4, 691-695.  | 7.4  | 17        |
| 79 | Homogeneous Catalysis with Organometallic Complexes of Group 2. <i>Topics in Organometallic Chemistry</i> , 2013, , 191-241.   | 0.7  | 102       |
| 80 | Preparation and properties of a series of structurally diverse aluminium hydrides supported by $\beta$ -diketiminate and bis(amide) ligands. <i>Dalton Transactions</i> , 2013, 42, 15199.   | 3.3  | 20        |
| 81 | A Highly Chemoselective, Zr-Catalyzed C-O Bond Functionalization of Benzofuran. <i>Organometallics</i> , 2013, 32, 5260-5262.  | 2.3  | 14        |
| 82 | Catalytic and Stoichiometric Cumulene Formation within Dimeric Group 2 Acetylides. <i>Organometallics</i> , 2013, 32, 4961-4972.   | 2.3  | 32        |
| 83 | Zirconocene Dichloride Catalyzed Hydrodefluorination of C-F bonds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12559-12563.   | 13.8 | 97        |
| 84 | Wittig-olefination via an yttrium-coordinated betaine. <i>Chemical Communications</i> , 2012, 48, 1745.  | 4.1  | 13        |
| 85 | Synthesis and coordination chemistry of tri-substituted benzamidrazones. <i>Dalton Transactions</i> , 2011, 40, 514-522.   | 3.3  | 8         |
| 86 | A Step beyond the Feltham-Enemark Notation: Spectroscopic and Correlated ab Initio Computational Support for an Antiferromagnetically Coupled M(II)-NO Description of Tp*M(NO) (M = Co, Ni). <i>Journal of the American Chemical Society</i> , 2011, 133, 18785-18801. | 13.7 | 89        |
| 87 | [(TMEDA)Co(NO)2][BPh4]: A versatile synthetic entry point to four and five coordinate {Co(NO)2}10 complexes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3974-3981.  | 1.8  | 15        |
| 88 | Cation Charge Density and Precatalyst Selection in Group 2-Catalyzed Aminoalkene Hydroamination. <i>Organometallics</i> , 2011, 30, 1493-1506.   | 2.3  | 118       |
| 89 | Synthesis of [RuCl <sub>2</sub> (NO) <sub>2</sub> (THF)] and its Double C-N Bond-Forming Reactions with Alkenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4484-4487.   | 13.8 | 13        |
| 90 | Heterofunctionalization catalysis with organometallic complexes of calcium, strontium and barium. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2010, 466, 927-963.   | 2.1  | 248       |

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|-----|--|------|-----------|
| 91  | Cobalt-Mediated, Enantioselective Synthesis of $\langle i \rangle C \langle /i \rangle \langle sub \rangle 2 \langle /sub \rangle$ and $\langle i \rangle C \langle /i \rangle \langle sub \rangle 1 \langle /sub \rangle$ Dienes. Journal of the American Chemical Society, 2010, 132, 16365-16367. | 13.7 | 28        |
| 92  | Synthesis of $\hat{\imath}^2$ -diketiminato calcium silylamides and their reactions with triethylaluminium. New Journal of Chemistry, 2010, 34, 1572.  | 2.8  | 31        |
| 93  | Carbodiimide insertion reactions of homoleptic heavier alkaline earth amides and phosphides. Dalton Transactions, 2010, 39, 7393.  | 3.3  | 38        |
| 94  | Intramolecular Hydroamination of Aminoalkenes by Calcium and Magnesium Complexes: A Synthetic and Mechanistic Study. Journal of the American Chemical Society, 2009, 131, 9670-9685.   | 13.7 | 261       |
| 95  | Catalytic 2,3,4-hexatriene formation by terminal alkyne coupling at calcium. Chemical Communications, 2009, , 2299.  | 4.1  | 35        |
| 96  | $\hat{\imath}^2$ -Diketiminate C-H activation with heavier group 2 alkyls. Dalton Transactions, 2009, , 9715.  | 3.3  | 27        |
| 97  | Heavier Group 2 Metals and Intermolecular Hydroamination: A Computational and Synthetic Assessment. Journal of the American Chemical Society, 2009, 131, 12906-12907.  | 13.7 | 139       |
| 98  | $\hat{\imath}^2$ -Diketiminato Calcium and Magnesium Amides; Model Complexes for Hydroamination Catalysis. Inorganic Chemistry, 2009, 48, 4445-4453.   | 4.0  | 66        |
| 99  | Bis(trimethylsilyl)methyl Derivatives of Calcium, Strontium and Barium: Potentially Useful Dialkyls of the Heavy Alkaline Earth Elements. Chemistry - A European Journal, 2008, 14, 11292-11295.   | 3.3  | 101       |
| 100 | Heavier Group-2 Element Catalyzed Hydroamination of Carbodiimides. European Journal of Inorganic Chemistry, 2008, 2008, 4173-4179.   | 2.0  | 76        |
| 101 | Heavier group 2 element-catalysed hydroamination of isocyanates. Chemical Communications, 2008, , 5206.  | 4.1  | 57        |
| 102 | $\hat{\imath}^2$ -Diketiminato Calcium Acetylides: Synthesis, Solution Dimerization, and Catalytic Carbon-Carbon Bond Formation. Organometallics, 2008, 27, 6300-6306.   | 2.3  | 58        |
| 103 | Triazene Complexes of the Heavier Alkaline Earths: Synthesis, Characterization, And Suitability for Hydroamination Catalysis. Inorganic Chemistry, 2008, 47, 7366-7376.  | 4.0  | 138       |
| 104 | Insertion reactions of $\hat{\imath}^2$ -diketiminate-stabilised calcium amides with 1,3-dialkylcarbodiimides. Dalton Transactions, 2008, , 4474.  | 3.3  | 28        |
| 105 | Reversibility in the protonolysis of a $\hat{\imath}^2$ -diketiminate stabilised calcium bis(trimethylsilyl)amide with benzylamine. Dalton Transactions, 2008, , 1292.   | 3.3  | 24        |
| 106 | Heavier Group 2 Element Catalyzed Hydrophosphination of Carbodiimides. Organometallics, 2008, 27, 497-499.   | 2.3  | 139       |
| 107 | Synthesis, Characterization, and Solution Lability of N-Heterocyclic Carbene Adducts of the Heavier Group 2 Bis(trimethylsilyl)amides. Organometallics, 2008, 27, 3939-3946.   | 2.3  | 65        |
| 108 | Calcium-Catalyzed Intermolecular Hydrophosphination. Organometallics, 2007, 26, 2953-2956.   | 2.3  | 193       |

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|-----|--|------|-----------|
| 109 | Reactions of $\text{I}^2$ -Diketiminate-Stabilized Calcium Amides with 9-Borabicyclo[3.3.1]nonane (9-BBN). Organometallics, 2007, 26, 4076-4079.   | 2.3  | 47        |
| 110 | Heavier Alkaline Earth Amides as Catalysts for the Tischenko Reaction. Organic Letters, 2007, 9, 331-333.  | 4.6  | 105       |
| 111 | Bis(diphenylphosphido) Derivatives of the Heavier Group 2 Elements. Inorganic Chemistry, 2007, 46, 10410-10415.  | 4.0  | 36        |
| 112 | Trifluoromethyl Coordination and $\text{C}\ddot{\text{F}}\text{F}$ Bond Activation at Calcium. Angewandte Chemie - International Edition, 2007, 46, 6339-6342.   | 13.8 | 63        |
| 113 | Reactivity of $[\text{HC}\{(\text{C}(\text{Me})\text{N}(\text{Dipp}))\}_2\text{Ca}\{\text{N}(\text{SiMe}_3)_2\}(\text{THF})]$ (Dipp= $\text{C}_6\text{H}_3\text{iPr}_2\text{-2,6}$ ) with $\text{C}\ddot{\text{H}}$ acids: Synthesis of heteroleptic calcium $\text{I}^2$ -organometallics. Journal of Organometallic Chemistry, 2006, 691, 1242-1250. | 1.8  | 24        |
| 114 | Calcium-Mediated Intramolecular Hydroamination Catalysis.. ChemInform, 2005, 36, no.   | 0.0  | 0         |
| 115 | Calcium-Mediated Intramolecular Hydroamination Catalysis. Journal of the American Chemical Society, 2005, 127, 2042-2043.  | 13.7 | 369       |
| 116 | Kinetic stability of heteroleptic ( $\text{I}^2$ -diketiminato) heavier alkaline-earth (Ca, Sr, Ba) amides. Dalton Transactions, 2005, , 278-284.  | 3.3  | 99        |
| 117 | Dimerization of $\text{I}^2$ -Diketiminato Calcium Complexes through Dihapto-Acetylide Ligation. Organometallics, 2005, 24, 1184-1188.   | 2.3  | 60        |
| 118 | Solution- and solid-state characterisation of a configurationally-stable $\text{I}^2$ -diketiminato-supported calcium primary amide. Dalton Transactions, 2004, , 3166-3168.   | 3.3  | 41        |
| 119 | Functionalization and Hydrogenation of Carbon Chains Derived from CO**. Angewandte Chemie, 0, .  | 2.0  | 0         |