

M Ñngeles Fuentes

List of Publications by Year in descending order

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34
papers

769
citations

471509

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27
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748
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#	ARTICLE	IF	CITATIONS
1	Comparing Neutral (Monometallic) and Anionic (Bimetallic) Aluminum Complexes in Hydroboration Catalysis: Influences of Lithium Cooperation and Ligand Set. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10651-10655.	13.8	83
2	Reduction of Carbon Oxides by an Acyclic Silylene: Reductive Coupling of CO. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1808-1812.	13.8	76
3	An Acid-Free Anionic Oxoborane Isoelectronic with Carbonyl: Facile Access and Transfer of a Terminal B=O Double Bond. <i>Journal of the American Chemical Society</i> , 2019, 141, 8073-8077.	13.7	53
4	An N-Heterocyclic Boryloxy Ligand Isoelectronic with N-Heterocyclic Imines: Access to an Acyclic Dioxysilylene and its Heavier Congeners. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4847-4851.	13.8	38
5	Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and σ -Paranormal Reactivity in a Single Tritopic Molecule. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14075-14079.	13.8	36
6	Functionalization of Non-activated C-H Bonds of Alkanes: An Effective and Recyclable Catalytic System Based on Fluorinated Silver Catalysts and Solvents. <i>Chemistry - A European Journal</i> , 2013, 19, 1327-1334.	3.3	35
7	A Diketiminato-Stabilized Sila-Acyl Chloride: Systematic Access to Base-Stabilized Silicon Analogues of Classical Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13907-13911.	13.8	35
8	N-H cleavage vs. Werner complex formation: reactivity of cationic group 14 tetrelenes towards amines. <i>Chemical Communications</i> , 2020, 56, 4684-4687.	4.1	33
9	Syntheses of a Novel Fluorinated Trisphosphinoborate Ligand and Its Copper and Silver Complexes. Catalytic Activity toward Nitrene Transfer Reactions. <i>Inorganic Chemistry</i> , 2014, 53, 3991-3999.	4.0	26
10	Reversible C-H Activation, Facile C-B/B-H Metathesis and Apparent Hydroboration Catalysis by a Dimethylxanthene-Based Frustrated Lewis Pair. <i>Chemistry - A European Journal</i> , 2018, 24, 10531-10540.	3.3	26
11	Catalytic Functionalization of Methane and Light Alkanes in Supercritical Carbon Dioxide. <i>Chemistry - A European Journal</i> , 2014, 20, 11013-11018.	3.3	25
12	Approaching a σ -Naked-Boryl Anion: Amide Metathesis as a Route to Calcium, Strontium, and Potassium Boryl Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2064-2068.	13.8	25
13	Reduction of Carbon Oxides by an Acyclic Silylene: Reductive Coupling of CO. <i>Angewandte Chemie</i> , 2019, 131, 1822-1826.	2.0	24
14	Comparing Neutral (Monometallic) and Anionic (Bimetallic) Aluminum Complexes in Hydroboration Catalysis: Influences of Lithium Cooperation and Ligand Set. <i>Angewandte Chemie</i> , 2018, 130, 10811-10815.	2.0	23
15	Silver-Catalyzed Functionalization of Esters by Carbene Transfer: The Role of Ylide Zwitterionic Intermediates. <i>ChemCatChem</i> , 2014, 6, 2206-2210.	3.7	22
16	[(PhBP) ₃ Cu(PPh) ₃] as a Surrogate of Tp ^x CuL in Homogeneous Catalysis (PhBP ₃ = PhB(CH ₂) ₂ PPh ₂) ₃ ; Tp ^x = Tj ETQ 0 0 rg BT /Overlo	3.3	18
17	Structural Diversity in Alkali Metal and Alkali Metal Magnesiates Chemistry of the Bulky 2,6-diisopropyl-N-(trimethylsilyl)anilino Ligand. <i>Chemistry - A European Journal</i> , 2016, 22, 14968-14978.	3.3	18
18	Adding a Structural Context to the Deprotometalation and Trans-Metal Trapping Chemistry of Phenyl-Substituted Benzotriazole. <i>Chemistry - A European Journal</i> , 2015, 21, 14812-14822.	3.3	17

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19	Heavier Alkali-metal Gallates as Platforms for Accessing Functionalized Abnormal NHC Carbene-Gallium Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1241-1244.	1.2	17
20	Partnering a Three-coordinate Gallium Cation with a Hydroborate Counterion for the Catalytic Hydrosilylation of CO ₂ . <i>Chemistry - A European Journal</i> , 2021, 27, 2138-2148.	3.3	17
21	Intermetallic coinage metal-catalyzed functionalization of alkanes with ethyl diazoacetate: Gold as a ligand. <i>Inorganica Chimica Acta</i> , 2011, 369, 146-149.	2.4	14
22	Successive Protonation of an N-heterocyclic Imine Derived Carbonyl: Superelectrophilic Dication Versus Masked Acylium Ion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16559-16563.	13.8	14
23	Approaching a "Naked" Boryl Anion: Amide Metathesis as a Route to Calcium, Strontium, and Potassium Boryl Complexes. <i>Angewandte Chemie</i> , 2021, 133, 2092-2096.	2.0	14
24	Copper-Catalyzed Dehydrogenative Amidation of Light Alkanes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18467-18471.	13.8	12
25	Reversible O-H bond activation by an intramolecular frustrated Lewis pair. <i>Dalton Transactions</i> , 2019, 48, 2896-2899.	3.3	9
26	Cooperative N-H bond activation by amido-Ge(II) cations. <i>Dalton Transactions</i> , 2020, 49, 9495-9504.	3.3	9
27	Molecular Manipulations of a Utility Nitrogen-heterocyclic Carbene by Sodium Magnesiato Complexes and Transmetallation Chemistry with Gold Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 10541-10549.	3.3	7
28	Reactions of a diborylstannylene with CO ₂ and N ₂ O: diboration of carbon dioxide by a main group bis(boryl) complex. <i>Dalton Transactions</i> , 2021, 50, 9059-9067.	3.3	7
29	Reversible borohydride formation from aluminium hydrides and {H(9-BBN)} ₂ : structural, thermodynamic and reactivity studies. <i>Dalton Transactions</i> , 2019, 48, 10845-10852.	3.3	6
30	Copper-Catalyzed Dehydrogenative Amidation of Light Alkanes. <i>Angewandte Chemie</i> , 2021, 133, 18615-18619.	2.0	6
31	Probing the non-innocent nature of an amino-functionalised $\hat{\text{I}}^2$ -diketiminato ligand in silylene/iminosilane systems. <i>Dalton Transactions</i> , 2020, 49, 8701-8709.	3.3	4
32	Borylated N-heterocyclic Carbenes: Rearrangement and Chemical Trapping. <i>Chemistry - A European Journal</i> , 2019, 25, 2556-2568.	3.3	3
33	Revealing the remarkable structural diversity of the alkali metal transfer agents of the trans-calix[2]benzene[2]pyrrolide ligand. <i>Chemical Communications</i> , 2016, 52, 12199-12201.	4.1	2
34	Reactions of a Dimethylxanthene-Derived Frustrated Lewis Pair with Silanes and Stannanes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 0, , .	1.2	1