Laura Turculet

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3592396/publications.pdf

Version: 2024-02-01

29	1,533	394421	414414
papers	citations	19 h-index	32 g-index

34	34	34	1180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rhodium and Iridium Amido Complexes Supported by Silyl Pincer Ligation: Ammonia Nâ^'H Bond Activation by a [PSiP]Ir Complex. Journal of the American Chemical Society, 2009, 131, 14234-14236.	13.7	169
2	Mild Reduction of Carbon Dioxide to Methane with Tertiary Silanes Catalyzed by Platinum and Palladium Silyl Pincer Complexes. Chemistry - A European Journal, 2012, 18, 15258-15262.	3.3	142
3	Synthesis and Reactivity of Platinum Group Metal Complexes Featuring the New Pincer-like Bis(phosphino)silyl Ligand [Î°³-(2-Ph₂PC₆H₄)₂SiMe]^{â^'} ([PSiP]): Application in the Ruthenium-Mediated Transfer Hydrogenation of Ketones. Organometallics, 2007, 26, 6522-6525.	2.3	114
4	(N-Phosphinoamidinate)Iron Pre-Catalysts for the Room Temperature Hydrosilylation of Carbonyl Compounds with Broad Substrate Scope at Low Loadings. Organometallics, 2013, 32, 5581-5588.	2.3	110
5	Nickel and Palladium Silyl Pincer Complexes: Unusual Structural Rearrangements that Involve Reversible Sii£¿C(sp³) and Sii£¿C(sp²) Bond Activation. Angewandte Chemie - International Edition, 2009, 48, 8568-8571.	13.8	106
6	Four-Coordinate, 14-Electron Ru^{II} Complexes: Unusual Trigonal Pyramidal Geometry Enforced by Bis(phosphino)silyl Ligation. Journal of the American Chemical Society, 2011, 133, 13622-13633.	13.7	96
7	Room temperature benzene Câ€"H activation by a new [PSiP]Ir pincer complex. Chemical Communications, 2008, , 5146.	4.1	87
8	A Manganese Preâ€Catalyst: Mild Reduction of Amides, Ketones, Aldehydes, and Esters. Angewandte Chemie - International Edition, 2017, 56, 15901-15904.	13.8	84
9	Synthesis and Characterization of Neutral and Cationic Platinum(II) Complexes Featuring Pincer-like Bis(phosphino)silyl Ligands: Siâ^'H and Siâ^'Cl Bond Activation Chemistry. Organometallics, 2009, 28, 5122-5136.	2.3	83
10	Selective Ni-Catalyzed Hydroboration of CO₂ to the Formaldehyde Level Enabled by New PSiP Ligation. Organometallics, 2017, 36, 3709-3720.	2.3	71
11	Cobalt- and Iron-Catalyzed Isomerizationâ€"Hydroboration of Branched Alkenes: Terminal Hydroboration with Pinacolborane and 1,3,2-Diazaborolanes. Organometallics, 2017, 36, 417-423.	2.3	63
12	(Nâ€Phosphinoamidinate)cobaltâ€Catalyzed Hydroboration: Alkene Isomerization Affords Terminal Selectivity. Chemistry - A European Journal, 2014, 20, 13918-13922.	3.3	62
13	â€˜Hemilabileâ€™ silyl pincer ligation: platinum group PSiN complexes and triple Câ€"H activation to form a (PSiC)Ru carbene complex. Chemical Communications, 2012, 48, 1159-1161.	4.1	43
14	Synthesis of Bis(phosphino)silyl Pincer-Supported Iron Hydrides for the Catalytic Hydrogenation of Alkenes. Organometallics, 2018, 37, 4814-4826.	2.3	38
15	Alkene Isomerizationâ€"Hydroboration Catalyzed by First-Row Transition-Metal (Mn, Fe, Co, and Ni) N-Phosphinoamidinate Complexes: Origin of Reactivity and Selectivity. ACS Catalysis, 2018, 8, 9907-9925.	11.2	38
16	(PSiP)Ni-Catalyzed (E)-Selective Semihydrogenation of Alkynes with Molecular Hydrogen. ACS Catalysis, 2022, 12, 146-155.	11.2	26
17	Facile intramolecular siliconâ€"carbon bond activation at Pt0 and PtII centers. Polyhedron, 2013, 52, 750-754.	2.2	23
18	Activation of Molecular Hydrogen and Oxygen by PSiP Complexes of Cobalt. European Journal of Inorganic Chemistry, 2018, 2018, 4481-4493.	2.0	21

#	Article	IF	Citations
19	Dehydrogenative Bâ^'H/C(sp³)â^'H Benzylic Borylation within the Coordination Sphere of Platinum(II). Angewandte Chemie - International Edition, 2017, 56, 6312-6316.	13.8	16
20	A Manganese Preâ€Catalyst: Mild Reduction of Amides, Ketones, Aldehydes, and Esters. Angewandte Chemie, 2017, 129, 16117-16120.	2.0	16
21	Synthesis and characterization of five-coordinate, 16-electron Ru^{II} complexes supported by tridentate bis(phosphino)silyl ligation. Dalton Transactions, 2016, 45, 15850-15858.	3.3	14
22	A comparative analysis of hydrosilative amide reduction catalyzed by first-row transition metal (Mn,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	13
23	Synthesis and Characterization of Palladium Complexes Supported by an NPN-Phosphido Ancillary Ligand. Organometallics, 2011, 30, 6408-6415.	2.3	12
24	Synthesis, structural characterization, and reactivity of Cp*Ru(N-phosphinoamidinate) complexes. Canadian Journal of Chemistry, 2014, 92, 194-200.	1.1	11
25	Hydrosilylative Reduction of Tertiary Amides to Amines Catalyzed by N â€(Phosphinoaryl)anilido Complexes of Iron and Cobalt. ChemCatChem, 2019, 11, 3818-3827.	3.7	11
26	Synthesis and Reactivity of a Neutral, Threeâ€Coordinate Platinum(II) Complex Featuring Terminal Amido Ligation. Angewandte Chemie - International Edition, 2015, 54, 14498-14502.	13.8	10
27	Dehydrogenative Bâ^'H/C(sp³)â^'H Benzylic Borylation within the Coordination Sphere of Platinum(II). Angewandte Chemie, 2017, 129, 6409-6413.	2.0	5
28	Synthesis of Rhodium and Iridium Complexes Supported by Bis(indolylphosphino)silyl Pincer Ligation: Competitive Nâ€“H and Câ€“H Bond Activation by an Ir(I) Species. Organometallics, 2021, 40, 2768-2784.	2.3	5
29	Synthetic investigations of low-coordinate (N-phosphino-amidinate) nickel chemistry: agostic alkyl complexes and benzene insertion into Niâ€“H. Dalton Transactions, 2020, 49, 4811-4816.	3.3	2