JÃ¼rgen Pahl

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6639536/publications.pdf

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35	1,371	331670	361022
papers	citations	21 h-index	35 g-index

35	35	35	868
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Imine hydrogenation with simple alkaline earth metal catalysts. Nature Catalysis, 2018, 1, 40-47.	34.4	151
2	Intramolecular (directed) electrophilic Câ€“H borylation. Chemical Society Reviews, 2020, 49, 4564-4591.	38.1	140
3	Calcium Hydride Catalyzed Highly 1,2â€Selective Pyridine Hydrosilylation. Chemistry - A European Journal, 2015, 21, 11452-11461.	3.3	91
4	A Simple Route to Calcium and Strontium Hydride Clusters. Angewandte Chemie - International Edition, 2017, 56, 11880-11884.	13.8	91
5	Highly Lewis acidic cationic alkaline earth metal complexes. Chemical Communications, 2018, 54, 8685-8688.	4.1	78
6	Stabilization of Calcium Hydride Complexes by Fine Tuning of Amidinate Ligands. Organometallics, 2016, 35, 3350-3360.	2.3	70
7	A Frustrated Lewis Pair Based on a Cationic Aluminum Complex and Triphenylphosphine. Organometallics, 2016, 35, 207-217.	2.3	64
8	Î²-Diketiminate calcium hydride complexes: the importance of solvent effects. Dalton Transactions, 2017, 46, 1822-1831.	3.3	55
9	Unsupported metal silyl ether coordination. Chemical Communications, 2018, 54, 7846-7849.	4.1	48
10	Cationic Magnesium Ï€â€“Arene Complexes. Organometallics, 2018, 37, 2901-2909.	2.3	47
11	Complexation and Versatile Reactivity of a Highly Lewis Acidic Cationic Mg Complex with Alkynes and Phosphines. Chemistry - A European Journal, 2019, 25, 2025-2034.	3.3	43
12	Calcium Hydride Reactivity: Formation of an Anionic Nâ€Heterocyclic Olefin Ligand. Angewandte Chemie - International Edition, 2017, 56, 6906-6910.	13.8	41
13	A Simple Route to Calcium and Strontium Hydride Clusters. Angewandte Chemie, 2017, 129, 12042-12046.	2.0	37
14	Heteroleptic Heavier Alkaline Earth Metal Amide Complexes Stabilized by a Superbulky Î²-Diketiminate Ligand. Organometallics, 2019, 38, 2485-2493.	2.3	32
15	Bulky cationic Î²-diketiminate magnesium complexes. Dalton Transactions, 2019, 48, 5560-5568.	3.3	31
16	Selfâ€Assembly of Magnesium Hydride Clusters Driven by Chameleonâ€Type Ligands. Angewandte Chemie - International Edition, 2017, 56, 5021-5025.	13.8	30
17	â€œMaskedâ€•Lewis-acidity of an aluminum Î±-phosphinoamide complex. Dalton Transactions, 2017, 46, 3601-3610.	3.3	28
18	s-Block Metal Dibenzoazepinate Complexes: Evidence for Mgâ€“Alkene Encapsulation. Organometallics, 2017, 36, 1860-1866.	2.3	28

#	Article	IF	Citations
19	Syntheses of Heteroleptic Amidinate Strontium Complexes Using a Superbulky Ligand. Organometallics, 2018, 37, 469-475.	2.3	25
20	Ligand Effects in Calcium Catalyzed Ketone Hydroboration. European Journal of Inorganic Chemistry, 2020, 2020, 1728-1735.	2.0	24
21	Controlling selectivity in N-heterocycle directed borylation of indoles. Organic and Biomolecular Chemistry, 2021, 19, 2949-2958.	2.8	24
22	Strontium Chemistry with Silicone Grease. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2129-2134.	1.2	21
23	A Soft Grip: Magnesium Complexes with a Phosphineâ€Modified Phosphonium Diylidic Lewis Base. Chemistry - A European Journal, 2016, 22, 17425-17435.	3.3	20
24	Magnesiumâ€“halobenzene bonding: mapping the halogen sigma-hole with a Lewis-acidic complex. Chemical Science, 2021, 12, 2410-2418.	7.4	20
25	Frustrated Lewis Pair Chemistry with Magnesium Lewis Acids. European Journal of Inorganic Chemistry, 2017, 2017, 4187-4195.	2.0	18
26	Cationic Aluminium Complexes as Catalysts for Imine Hydrogenation. Chemistry - A European Journal, 2021, 27, 7756-7763.	3.3	18
27	Unsupported Mgâ€“Alkene Bonding. Chemistry - A European Journal, 2021, 27, 2513-2522.	3.3	16
28	Borylation Directed Borylation of Indoles Using Pyrazabole Electrophiles: A Oneâ€Pot Route to C7â€Borylatedâ€Indolines. Angewandte Chemie - International Edition, 2022, 61, .	13.8	16
29	Calcium Hydride Reactivity: Formation of an Anionic Nâ€Heterocyclic Olefin Ligand. Angewandte Chemie, 2017, 129, 7010-7014.	2.0	15
30	Stabilizing Magnesium Hydride Complexes with Neutral Ligands. European Journal of Inorganic Chemistry, 2019, 2019, 4433-4439.	2.0	13
31	Selfâ€Assembly of Magnesium Hydride Clusters Driven by Chameleonâ€Type Ligands. Angewandte Chemie, 2017, 129, 5103-5107.	2.0	12
32	Lithiation of N-Heterocyclic Olefins. Organometallics, 2018, 37, 4473-4480.	2.3	11
33	An unsymmetrical phosphonium diylide with a fluorenylidene subunit and its lithium complexes. Journal of Coordination Chemistry, 2015, 68, 3302-3316.	2.2	5
34	Borylation Directed Borylation of Indoles Using Pyrazabole Electrophiles: A Oneâ€Pot Route to C7â€Borylatedâ€Indolines. Angewandte Chemie, 2022, 134, .	2.0	5
35	Retro-Dielsâ€“Alder decomposition of norbornadiene mediated by a cationic magnesium complex. Chemical Communications, 2021, 57, 5278-5281.	4.1	3