

Priv-Doz&euroDr Tobias BÄttcher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1180451/publications.pdf>

Version: 2024-02-01

29
papers

373
citations

840776

11
h-index

794594

19
g-index

33
all docs

33
docs citations

33
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	(NHC ^{Me})SiCl ₄ : a versatile carbene transfer reagent – synthesis from silochloroform. <i>Chemical Science</i> , 2013, 4, 77-83.	7.4	59
2	Carbene Complexes of Phosphorus(V) Fluorides by Oxidative Addition of 2,2-Difluorobis(dialkylamines) to Phosphorus(III) Halides. <i>Organometallics</i> , 2012, 31, 1278-1280.	2.3	34
3	Complexes of Ge(IV)- and Sn(IV)-Fluorides with Cyclic and Acyclic Carbenes: Bis(dialkylamino)-difluoromethylenes as Carbene Sources. <i>Inorganic Chemistry</i> , 2012, 51, 763-765.	4.0	33
4	Carbene Adduct as Overcharge Protecting Agent in Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2012, 159, A1587-A1590.	2.9	27
5	NHC ⁺ SiCl ₄ : An Ambivalent Carbene-Transfer Reagent. <i>Chemistry - A European Journal</i> , 2015, 21, 893-899.	3.3	22
6	Isolation of a stable pyridine radical anion. <i>Chemical Communications</i> , 2019, 55, 1322-1325.	4.1	18
7	Synthesis and characterization of novel carbene complexes of phosphorus(V) fluorides with potential liquid-crystalline properties. <i>Tetrahedron</i> , 2013, 69, 8943-8951.	1.9	16
8	Cations and Anions of Dibenzo[<i>a</i> , <i>e</i>]pentalene and Reduction of a Dibenzo[<i>a</i> , <i>e</i>]pentalenophane. <i>Chemistry - A European Journal</i> , 2021, 27, 4964-4970.	3.3	16
9	Making Aromatic Phosphorus Heterocycles More Basic and Nucleophilic: Synthesis, Characterization and Reactivity of the First Phosphinine Selenide. <i>Chemistry - A European Journal</i> , 2021, 27, 12788-12795.	3.3	16
10	Carbene complexes of phosphorus(^v) fluorides substituted with perfluoroalkyl-groups synthesized by oxidative addition. Cleavage of the complexes reveals a new synthetic protocol for ionic liquids. <i>Dalton Transactions</i> , 2014, 43, 2979-2987.	3.3	15
11	Highly reactive carbenes as ligands for main group element fluorides. Syntheses and applications. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 4-11.	1.7	11
12	2,6-Bis(diazaboryl)pyridine: A Superbasic Sterically Demanding Pyridine Ligand.. <i>Chemistry - A European Journal</i> , 2017, 23, 10763-10767.	3.3	11
13	Phosphorus(V) Complexes with Acyclic Monoaminocarbene Ligands via Oxidative Addition. <i>Inorganic Chemistry</i> , 2013, 52, 5651-5653.	4.0	10
14	Extremely bulky secondary phosphinoamines as substituents for sterically hindered aminosilanes. <i>Dalton Transactions</i> , 2015, 44, 14842-14853.	3.3	10
15	Selective synthesis of cis- and trans-[(NHCMe) ₂ PtCl ₂] and [NHCMePt(cod)Cl][NHCMePtCl ₃] using NHCMeSiCl ₄ . <i>Dalton Transactions</i> , 2014, 43, 15700-15703.	3.3	6
16	[4-(Ph ₃ B)-2,6-Mes ₂ Py] ⁻ : A Sterically Demanding Anionic Pyridine. <i>Chemistry - A European Journal</i> , 2018, 24, 16851-16856.	3.3	6
17	Paramagnetic Chromium(II) Complexes and Chromium(IV) Nitrides with Bulky Alkylcyclopentadienyl Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4472-4480.	2.0	5
18	2,6-Bis(diazaboryl)pyridine – A Ligand with Hemilabile Donor and Lewis Acid Functionalities. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 342-348.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Chromium(II) Alkylcyclopentadienyl Complexes with Carbon or Hydride Donor Ligands. <i>Organometallics</i> , 2021, 40, 2951-2969.	2.3	5
20	Borane Adducts of Aromatic Phosphorus Heterocycles: Synthesis, Crystallographic Characterization and Reactivity of a Phosphinineä€B(C₆F₅)₃ Lewis Pair. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
21	Synthesis and crystal structures of extremely bulky phosphinoamido and phosphinoamino germanium(II) chloride complexes. <i>Main Group Metal Chemistry</i> , 2015, 38, .	1.6	4
22	Chromium(III) and Chromium(II) Phenolate Complexes with Bulky Alkylcyclopentadienyl Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2742-2749.	2.0	4
23	Isolation and characterization of a lithiated pyridine ä€“ aggregation in the solid state and in solution. <i>Chemical Communications</i> , 2020, 56, 4160-4163.	4.1	4
24	Anorganische MolekÄ¼lchemie. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 217-232.	0.0	1
25	Anorganische Chemie 2016: Hauptgruppenelemente. <i>Nachrichten Aus Der Chemie</i> , 2017, 65, 225-244.	0.0	1
26	Electronic Modification of a Sterically Demanding Anionic Pyridine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 0, , .	1.2	1
27	Trendbericht Anorganische Chemie 2017: Hauptgruppenelemente. <i>Nachrichten Aus Der Chemie</i> , 2018, 66, 209-229.	0.0	0
28	2,6-Bis(diazaboryl)pyridine - A Ligand with Hemilabile Donor and Lewis Acid Functionalities. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 328-328.	2.0	0
29	Reaction of 2,6ä€Bis(diazaboryl)pyridine with Alkyls of Lithium, Zinc and Magnesium. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 0, , .	1.2	0