Jens MÃ¼ller

List of Publications by Year
in descending order

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79	1,589	279798	377865
papers	citations	23 h-index	34 g-index

86	86	86	825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Poly(ferrocenylsilane)s from planar-chiral sila[1]ferrocenophanes: How to twist a zig-zag chain into a helix. Polymer, 2022, 242, 124477.	3.8	4
2	Unique Bora[1]ferrocenophanes with Sterically Protected Boron: Aâ€‰Potential Gateway to Helical Polyferrocenes. Angewandte Chemie, 2019, 131, 16728-16735.	2.0	2
3	Unique Bora[1]ferrocenophanes with Sterically Protected Boron: Aâ€‰Potential Gateway to Helical Polyferrocenes. Angewandte Chemie - International Edition, 2019, 58, 16575-16582.	13.8	8
4	Enantiopure Ferrocenophanes with Phosphorus in Bridging Positions: Thermostability and Ring-Opening Polymerization. Organometallics, 2019, 38, 2092-2104.	2.3	9
5	Frontispiz: Unique Bora[1]ferrocenophanes with Sterically Protected Boron: Aâ€‰Potential Gateway to Helical Polyferrocenes. Angewandte Chemie, 2019, 131, .	2.0	0
6	Frontispiece: Unique Bora[1]ferrocenophanes with Sterically Protected Boron: Aâ€‰Potential Gateway to Helical Polyferrocenes. Angewandte Chemie - International Edition, 2019, 58, .	13.8	0
7	Enantiopure Phospha[1]ferrocenophanes: Textbook Examples of Throughâ€Space Nuclear Spinâ€“Spin Coupling. Chemistry - A European Journal, 2018, 24, 8298-8301.	3.3	11
8	Strained azabora[2]ferrocenophanes. Chemical Communications, 2018, 54, 5562-5565.	4.1	5
9	How Strained are [1]Ferrocenophanes?. Organometallics, 2017, 36, 614-621.	2.3	18
10	Thermal Ring-Opening Polymerization of Planar-Chiral Sila[1]ferrocenophanes. Organometallics, 2017, 36, 2182-2189.	2.3	15
11	Determination of air-to-air energy wheels latent effectiveness using humidity step test data. International Journal of Heat and Mass Transfer, 2016, 103, 501-515.	4.8	23
12	Insight into the Thermal Ringâ€Opening Polymerization of Phospha[1]ferrocenophanes. Chemistry - A European Journal, 2016, 22, 16838-16849.	3.3	20
13	Insight into the Formation of Highly Strained [1]Ferrocenophanes with Boron in Bridging Position. Organometallics, 2016, 35, 2156-2164.	2.3	13
14	[n]Ferrocenophanes (n = 2, 3) with Nitrogen and Phosphorus in Bridging Positions. Inorganic Chemistry, 2016, 55, 3630-3639.	4.0	10
15	Metallocenophanes bridged by group 13 elements. Coordination Chemistry Reviews, 2016, 314, 114-133.	18.8	35
16	[2]Ferrocenophanes with Nitrogen in Bridging Positions. Organometallics, 2015, 34, 3039-3046.	2.3	16
17	Chiral Bora[1]ferrocenophanes: Syntheses, Mechanistic Insights, and Ringâ€Opening Polymerizations. Chemistry - A European Journal, 2014, 20, 16320-16330.	3.3	19
18	Isomerization of an Enantiomerically Pure Phosphorus-Bridged [1]Ferrocenophane. Organometallics, 2014, 33, 3508-3513.	2.3	16

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19	Indiumâ€Bridged [1]Ferrocenophanes. Chemistry - A European Journal, 2014, 20, 2318-2327.	3.3	24
20	Photophysics of Soret-Excited Tin(IV) Porphyrins in Solution. Journal of Physical Chemistry A, 2013, 117, 7833-7840.	2.5	15
21	X-Ray Spectroscopic Study of the Conduction Band of K3:Anthracene and K3:Phenanthrene. Journal of Physical Chemistry C, 2013, , 130826233621000.	3.1	1
22	A Flexible Approach to Strained Sandwich Compounds: Chiral [1]Ferrocenophanes with Boron, Gallium, Silicon, and Tin in Bridging Positions. Chemistry - A European Journal, 2013, 19, 13408-13417.	3.3	28
23	Ferrocenophanes with gallium and silicon as alternating bridges. Chemical Communications, 2012, 48, 7823.	4.1	20
24	Understanding the Reactivity of Strained Sandwich Compounds with Aluminum or Gallium in Bridging Positions: Experiments and DFT Calculations. Journal of the American Chemical Society, 2012, 134, 7924-7936.	13.7	43
25	[1.1]Ferrocenophanes and Bis(ferrocenyl) Species with Aluminum and Gallium as Bridging Elements: Synthesis, Characterization, and Electrochemical Studies. Inorganic Chemistry, 2012, 51, 11155-11167.	4.0	22
26	Cyclic and Linear Polyferrocenes with Silicon and Tin as Alternating Bridges. Chemistry - A European Journal, 2012, 18, 9722-9733.	3.3	13
27	Synthesis of Intramolecularly Coordinated Aluminum and Gallium Compounds for the Preparation of [1]Ferrocenophanes. Organometallics, 2011, 30, 6150-6158.	2.3	14
28	Gas-Phase Thermolysis of a Guanidinate Precursor of Copper Studied by Matrix Isolation, Time-of-Flight Mass Spectrometry, and Computational Chemistry. Inorganic Chemistry, 2010, 49, 2844-2850.	4.0	41
29	Ring-Opening Polymerization of a Galla[1]ferrocenophane: A Gallium-Bridged Polyferrocene with Observable Tacticity. Journal of the American Chemical Society, 2010, 132, 1794-1795.	13.7	64
30	Insertion of [Pt(PEt₃)₂] into a Strained Siâ^'C Bond of Diphenylsila[1]molybdarenophane. Organometallics, 2010, 29, 1977-1980.	2.3	9
31	ansa-Zirconocenes with Aluminum or Gallium in Bridging Positions. Organometallics, 2010, 29, 6038-6044.	2.3	8
32	Thermal fragmentation of the guanidinato aluminum amide precursor [Me2NC(NiPr)2]Al(NMe2)2: An investigation of reactive species by matrix-isolation FTIR spectroscopy and time-of-flight mass spectrometry. Polyhedron, 2008, 27, 1832-1840.	2.2	13
33	Synthesis and Characterization of Aluminum- and Gallium-Bridged [1.1]Chromarenophanes and [1.1]Molybdarenophanes. Inorganic Chemistry, 2008, 47, 5992-6000.	4.0	21
34	The Dynamic Indium-Bridged [1.1]Ferrocenophane [(Me₂Ntsi)In(C₅H₄)₂Fe]₂. Organometallics, 2008, 27, 4703-4710.	2.3	26
35	The galla[1]ferrocenophane {[dimethyl(2-pyridyl)silyl]bis(trimethylsilyl)methyl-Î²²C,N}(ferrocene-1,1â€²-diyl)gallium(III). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m517-m517.		6
36	Synthesis and characterization of intramolecularly coordinated alanes with new sterically demanding trisyl-based ligands. Canadian Journal of Chemistry, 2007, 85, 483-490.	1.1	3

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37	[1]Metallocenophanes (M = Fe, Ru) of Heavier Group 13 Elements (E = Al, Ga):â€‰ Synthesis, Characterization, and Ring-Opening Polymerization. Organometallics, 2007, 26, 4658-4662.	2.3	51
38	[1]Molybdarenophanes:Â Strained Metallarenophanes with Aluminum, Gallium, and Silicon in Bridging Positions. Journal of the American Chemical Society, 2007, 129, 9313-9320.	13.7	45
39	Synthesis, Characterization, and Electrochemical Studies on [1.1]Ferrocenophanes Containing Aluminum, Gallium, and Indium. Inorganic Chemistry, 2006, 45, 454-459.	4.0	43
40	[1]Ferrocenophanes, [1]Chromarenophanes, and [1]Vanadarenophanes with Aluminium and Gallium in Bridging Positions. Organometallics, 2006, 25, 5817-5823.	2.3	64
41	The first aluminium-bridged [1.1]ferrocenophane. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m682-m684.	0.2	7
42	A monomeric fourfold-coordinated indium dihalide with an unusual coordination geometry. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m2063-m2065.	0.2	0
43	Synthesis and Characterization of Neutral and Cationic Intramolecularly Coordinated Aluminum		

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55	Insights into the chemical vapor deposition of GaN using the single-source precursor Me2N(CH2)3Ga(N3)2: matrix isolation of Ga(N3). Chemical Communications, 2001, , 911-912.	4.1	18
56	Synthesis of Monomeric Me2GaD via a Î²-Hydrogen Elimination at High Temperatures. A Matrix-Isolation Study. Journal of Physical Chemistry A, 2001, 105, 2112-2116.	2.5	4
57	Syntheses of Chiral, Intramolecularly Coordinated Aluminum Bromides. , 2000, 2000, 153-157.		8
58	Adducts ofo-Silaborane With Water and Methanol. European Journal of Inorganic Chemistry, 2000, 2000, 735-739.	2.0	4
59	Molecular structure of the azidoalane [Me2N(CH2)3]AltBu(N3). X-ray structural determination and ab initio calculations. Journal of Molecular Structure, 2000, 520, 215-219.	3.6	12
60	Matrix-Isolation and Mass-Spectrometric Studies of the Thermolysis of [Me2N(CH2)3]GaMe2. Characterization of the Monomeric Organogallanes Me2GaH, MeGaH2, and MeGaâ€. Journal of Physical Chemistry A, 2000, 104, 3627-3634.	2.5	14
61	Matrix isolation of HGaX2 (Xâ€...=â€...Cl or Br): IR spectroscopy and ab initio calculations. Journal of the Chemical Society Dalton Transactions, 1999, , 4149-4153.	1.1	6
62	Silaborates with an Unprecedented Cluster Geometry. Organometallics, 1999, 18, 4654-4659.	2.3	10
63	Structure of Ammonia Trimethylalane (Me3Al-NH3):â€‰ Microwave Spectroscopy, X-ray Powder Diffraction, and ab Initio Calculations. Journal of the American Chemical Society, 1999, 121, 4647-4652.	13.7	40
64	The Formation of HAlX2 (X = Cl, Br) in the Thermolysis of Intramolecularly Coordinated Alanes Me2N(CH2)3AlX2: A Matrix Isolation Study. European Journal of Inorganic Chemistry, 1998, 1998, 1807-1810.	2.0	11
65	A Surprising Adduct of acloso Cluster. Angewandte Chemie - International Edition, 1998, 37, 1412-1415.	13.8	10
66	Syntheses and Structures of Intramolecularly Coordinated Azidoalanes. Organometallics, 1998, 17, 161-166.	2.3	18
67	Molecular Structure of [CpFe(CO)2]2AlAr (Ar = 2-[(Dimethylamino)methyl]phenyl):Â An Alanediyl Complex with Two Feâ¯Al Bondsâ€. Inorganic Chemistry, 1996, 35, 7443-7444.	4.0	36
68	Aminodimethylalane (Me2AlNH2):â€‰ Matrix Isolation and ab Initio Calculations. Journal of the American Chemical Society, 1996, 118, 6370-6376.	13.7	41
69	Structures of (C5H5N)3Al(N3)3, [Me2N(CH2)3]2Al(N3) and Me2(N3)Al(H2NBut). Low-temperature OMVPE of AlN in the absence of ammonia. Chemical Communications, 1996, , 2685-2686.	4.1	28
70	Syntheses and Structures of Intramolecularly Stabilized Organoaluminium Compounds. Chemische Berichte, 1995, 128, 493-497.	0.2	39
71	Aza-closo-dodecaborane(12): The story of six-coordinate nitrogen. Pure and Applied Chemistry, 1994, 66, 255-262.	1.9	13
72	Molecular structure of 1-aza-closo-dodecaborane(12). Experimental and theoretical refinement. Inorganic Chemistry, 1993, 32, 2442-2445.	4.0	40

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73	1-Alkyl-1-aza-closo-dodecaborane: a novel access to the icosahedral NB11 skeleton. Inorganic Chemistry, 1993, 32, 5053-5057.	4.0	26
74	Neue Wege zum Azaâ€nidoâ€decaboranâ€GerÃ¼st. Chemische Berichte, 1992, 125, 97-102.	0.2	15
75	Opening of an Aza-closo-dodecaborane to an Aza-nido-dodecaborate. Angewandte Chemie International Edition in English, 1992, 31, 1227-1229.	4.4	22
76	closo-Azadodecaborane, NB11H12. Angewandte Chemie International Edition in English, 1991, 30, 175-175.	4.4	40
77	Azarhoda-closo-dodecaborane. Angewandte Chemie International Edition in English, 1991, 30, 1377-1379.	4.4	18
78	Azarhodaâ€closoâ€dodecaboran. Angewandte Chemie, 1991, 103, 1357-1358.	2.0	7
79	Materials Chemistry of Group 13 Nitrides. , 0, , 49-80.		14