Matthias Westerhausen

List of Publications by Year
in descending order

200 papers	6,559 citations	71102 41 h-index	95266 68 g-index
220 all docs	220 docs citations	220 times ranked	2819 citing authors

#	Article	IF	Citations
1	Carbon monoxide â€“ physiology, detection and controlled release. Chemical Communications, 2014, 50, 3644-3660.	4.1	335
2	Synthesis and spectroscopic properties of bis(trimethylsilyl)amides of the alkaline-earth metals magnesium, calcium, strontium, and barium. Inorganic Chemistry, 1991, 30, 96-101.	4.0	316
3	A Novel and Versatile Calcium-Based Initiator System for the Ring-Opening Polymerization of Cyclic Esters. Macromolecules, 2001, 34, 3863-3868.	4.8	221
4	Synthesis, properties, and reactivity of alkaline earth metal bis[bis(trialkylsilyl)amides]. Coordination Chemistry Reviews, 1998, 176, 157-210.	18.8	169
5	Heavy Grignard Reagents: Challenges and Possibilities of Aryl Alkaline Earth Metal Compounds. Chemistry - A European Journal, 2007, 13, 6292-6306.	3.3	157
6	Stable â€œInverseâ€•Sandwich Complex with Unprecedented Organocalcium(I): Crystal Structures of [(thf)₂Mg(Br)-C₆H₂-2,4,6-Ph₃] and [(thf)₃Ca{Ì¼-C₆H₃-1,3,5-Ph₃}Ca(thf)₃]. Journal of the American Chemical Society, 2009, 131, 2977-2985.	13.7	149
7	Recent Developments in the Organic Chemistry of Calcium â€“ An Element with Unlimited Possibilities in Organometallic Chemistry?. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 13-32.	1.2	121
8	100 Years after Grignard: Where Does the Organometallic Chemistry of the Heavy Alkaline Earth Metals Stand Today?. Angewandte Chemie - International Edition, 2001, 40, 2975-2977.	13.8	114
9	Recent developments in the field of organic heterobimetallic compounds of the alkaline-earth metals. Dalton Transactions, 2006, , 4755.	3.3	114
10	Heavy Grignard reagentsâ€”Synthesis and reactivity of organocalcium compounds. Coordination Chemistry Reviews, 2008, 252, 1516-1531.	18.8	104
11	Dicarbonyl-bis(cysteamine)iron(II): A light induced carbon monoxide releasing molecule based on iron (CORM-S1). Journal of Inorganic Biochemistry, 2011, 105, 6-9.	3.5	103
12	Aryl Calcium Compounds: Syntheses, Structures, Physical Properties, and Chemical Behavior. Angewandte Chemie - International Edition, 2007, 46, 1950-1956.	13.8	102
13	Organocalcium Compounds with Catalytic Activity for the Ring-Opening Polymerization of Lactones. European Journal of Inorganic Chemistry, 2003, 2003, 3432-3439.	2.0	86
14	Heavy Grignard Reagents: Synthesis, Physical and Structural Properties, Chemical Behavior, and Reactivity. Chemistry - A European Journal, 2017, 23, 1456-1483.	3.3	83
15	Synthesis and Spectroscopic Properties of Arylcalcium Halides. Organometallics, 2006, 25, 3496-3500.	2.3	71
16	Synthese von Erdalkalimetallocenen aus Erdalkalimetall- bis[bis(trimethylsilyl)amid] und 6-Methyl-6-phenylfulven / Synthese von Erdalkalimetallocenen aus Erdalkalimetallbis[bis(trimethylsilyl)amid] und 6-Methyl-6-phenylfulven Synthesis of Alkaline Earth Metallocenes from Alkaline Earth Metal Bis[bis(trimethylsilyl)amide] and 6 -Methyl-6 -phenylfulvene. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 117-125.	0.7	70
17	Single-Site Calcium Initiators for the Controlled Ring-Opening Polymerization of Lactides and Lactones. Polymer Bulletin, 2003, 51, 175-182.	3.3	70
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19	Molecular Magnesium(I) Compounds: From Curiosity to Kudos. Angewandte Chemie - International Edition, 2008, 47, 2185-2187.	13.8	66
20	Synthesis of 2,4,6-Trimethylphenylcalcium Iodide and Degradation in THF Solution. Angewandte Chemie - International Edition, 2006, 45, 609-612.	13.8	65
21	Heteroleptic Phenylcalcium Derivatives via Metathesis Reactions of PhCa(thf)4I with Potassium Compounds. Organometallics, 2007, 26, 1077-1083.	2.3	64
22	Calcium-mediated hydrophosphination of diphenylethyne and diphenylbutadiyne as well as crystal structure of 1,4-diphenyl-1,4-bis(diphenylphosphanyl)buta-1,3-diene. Inorganic Chemistry Communication, 2008, 11, 1419-1421.	3.9	64
23	Synthesis of Strontium and Barium Bis{tris[(trimethylsilyl)methyl]zincates} via the Transmetalation of Bis[(trimethylsilyl)methyl]zinc. Organometallics, 2001, 20, 893-899.	2.3	57
24	Mechanistic Elucidation of the Formation of the Inverse Ca(I) Sandwich Complex [(thf)₃Ca(Î¼-C₆H₃-1,3,5-Ph₃)Ca(thf)₃] and Stability of Aryl-Substituted Phenylcalcium Complexes. Journal of the American Chemical Society, 2010, 132, 12492-12501.	13.7	57
25	THF Solvates of Extremely Soluble Bis(2,4,6-trimethylphenyl)calcium and Tris(2,6-dimethoxyphenyl)dicalcium Iodide. Angewandte Chemie - International Edition, 2007, 46, 1618-1623.	13.8	56
26	Subvalent Organometallic Compounds of the Alkaline Earth Metals in Low Oxidation States. European Journal of Inorganic Chemistry, 2010, 2010, 197-216.	2.0	55
27	Tetrazinn(II)-und Bariumtrizinn(II)-tetrakis[Î¼3 -tri-ter/-butylsilylphosphan- diid]-Verbindungen mit einem Tetrametallatetraphosphacuban-GerÃ¼st / Tetratin(II) and Barium Tritin(II) Tetrakis[Î¼3-tri-rm-butylsilylphosphandiide] Compounds with a Tetrametallatetraphosphacubane Core. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 1489-1493.	0.7	54
28	Reinvestigation of the synthesis of phenylcalcium iodide and the first structural characterization of a heavy Grignard reagent as [((thf)2CaPhI)3Â·(thf)CaO] with a central Ca4 tetrahedron. Inorganic Chemistry Communication, 2005, 8, 1159-1161.	3.9	52
29	An Efficient General Synthesis of Halideâ€Free Diarylcalcium. Angewandte Chemie - International Edition, 2009, 48, 5741-5744.	13.8	52
30	Title is missing!. Journal of Polymers and the Environment, 2001, 9, 31-38.	5.0	51
31	Calcium-bis[N,N'-bis(trimethylsilyl)benzamidinat]-THF (1/2) - Synthese, spektroskopische Charakterisierung und Struktur/Calcium-bis[N,N'-bis(trimethylsilyl)benzamidinate]-THF (1/2) - Syntheses, Spectroscopic Characterization and Structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1992, 47, 453-459.	0.7	49
32	Syntheses and Structures of Alkaline Earth Metal Bis(diphenylamides). Inorganic Chemistry, 2007, 46, 5118-5124.	4.0	48
33	Heavier Group 2 Grignard Reagents of the Type Aryl-Ae(L) n -X (Post-Grignard Reagents). Topics in Organometallic Chemistry, 2013, , 29-72.	0.7	48
34	2,6-Diisopropylphenylamides of Potassium and Calcium: A Primary Amido Ligand in s-Block Metal Chemistry with an Unprecedented Catalytic Reactivity. Organometallics, 2013, 32, 2649-2660.	2.3	45
35	1,3-Bis(trimethylsilyl)-2-phenyl-1-aza-3-phosphapropenide Anions as Bidentate Ligands for the Alkaline Earth Metals Magnesium, Calcium, Strontium, and Barium. Inorganic Chemistry, 1997, 36, 521-527.	4.0	43
36	1,4-Dioxane Adducts of Grignard Reagents: Synthesis, Ether Fragmentation Reactions, and Structural Diversity of Grignard Reagent/1,4-Dioxane Complexes. Organometallics, 2009, 28, 5814-5820.	2.3	43

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37	Synthesis and crystal structures of bis(diphenylphosphanyl)methanides of lithium and calcium as well as of their borane adducts. Dalton Transactions, 2009, , 2951.	3.3	43
38	Postâ€Grignard Reagents: Influence of the Coligands L on the Molecular Structures of Phenylcalcium Iodides [(L)_nCa(R)I] and Calcium Diiodides [(L)_nCaI₂]Â. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1190-1198.	1.2	42
39	Catalytic synthesis of vinylphosphanes via calcium-mediated intermolecular hydrophosphanylation of alkynes and butadiynes. Journal of Organometallic Chemistry, 2011, 696, 216-227.	1.8	42
40	IR Spectroscopic Methods for the Investigation of the CO Release from CORMs. Journal of Physical Chemistry A, 2014, 118, 5381-5390.	2.5	42
41	CO-independent modification of K + channels by tricarbonyldichlororuthenium(II) dimer (CORM-2). European Journal of Pharmacology, 2017, 815, 33-41.	3.5	42
42	Synthesis and Molecular Structure of Calcium Bis(trimethylstannanide)Â·4THF. Angewandte Chemie International Edition in English, 1994, 33, 1493-1495.	4.4	41
43	Alkyl-Substituted Amides as Ligands in Homometallic and Heterobimetallic Calcium Complexes. Inorganic Chemistry, 2009, 48, 394-399.	4.0	41
44	Aufbau von Trimethylsilyl-substituierten Polyedern aus Calcium, Zinn(II) und Phosphor. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1996, 622, 903-913.	1.2	40
45	Synthesis and derivatization of naphthylcalcium halides as well as degradation in THF solution. Journal of Organometallic Chemistry, 2008, 693, 221-227.	1.8	39
46	Reactivity studies of phenylcalcium iodide towards THF yielding phenyl-free cage compounds â€“ Crystal structures of [{(thf)Ca(Oâ€“CHCH2)2}4Â·CaOÂ·CaI2] and [(CaO)4Â·4 (thf)3CaI2]. Journal of Organometallic Chemistry, 2009, 694, 2204-2209.	1.8	39
47	CORM-EDE1: A Highly Water-Soluble and Nontoxic Manganese-Based photoCORM with a Biogenic Ligand Sphere. Inorganic Chemistry, 2016, 55, 104-113.	4.0	39
48	Synthesis and structural variations of substituted phenylamide complexes of the heavy alkaline earth metals calcium, strontium and barium. Dalton Transactions, 2008, , 1574.	3.3	38
49	Arylcalcium Iodides in Tetrahydropyran: Solution Stability in Comparison to Aryllithium Reagents. Organometallics, 2012, 31, 6172-6182.	2.3	38
50	Synthese von substituierten Calcium-bis(disilylamiden) mittels der Transmetallierung von Zinn(II)- und Zinn(IV)-amiden. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1996, 622, 1295-1305.	1.2	37
51	Synthesis and Homomolecular Metalation of Trialkylsilylphosphanides of Calcium and Barium. European Journal of Inorganic Chemistry, 1999, 1999, 743-750.	2.0	37
52	Synthesis and Dynamic Behavior of the Dimeric, Monocyclic Barium Bis[bis(isopropyldimethylsilyl)phosphanide] â€“ Molecular Structures of P(SiMe₂Ph)₃, of Monomeric (thf)₄Ba[P(SiMe₂iPr)₂]₂ and of the Dimer		

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55	Calciate-mediated intermolecular hydroamination of diphenylbutadiyne with secondary anilines. Chemical Communications, 2012, 48, 7094.	4.1	34
56	Remote-controlled delivery of CO via photoactive CO-releasing materials on a fiber optical device. Dalton Transactions, 2016, 45, 13222-13233.	3.3	34
57	Arylphosphanide Complexes of the Heavy Alkaline Earth Metals Calcium, Strontium and Barium of the Formula (thf)‹sub›n‹/sub›M[P(R)Aryl]‹sub›2‹/sub›. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 2025-2031.	1.2	33
58	Strontium- und Barium-bis[N,N? -bis(trimethylsilyl)benzamidinate] aus der Additionsreaktion der Erdalkalimetall-bis[bis(trimethylsilyl)amide] mit Benzonitril. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1992, 618, 121-130.	1.2	32
59	Synthese und Charakterisierung heterobimetallischer Bis(trimethylsilyl)phosphanide von Barium und Zinn. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1995, 621, 877-888.	1.2	32
60	Syntheses and Structure of the Solvent-Separated Calcium Cuprate [(thf)3Ca(Î¼-Ph)3Ca(thf)3]+[Phâ¯Cuâ¯Ph]-. Organometallics, 2007, 26, 3269-3271.	2.3	32
61	Reinvestigation of the reaction of strontium and barium with iodobenzene and molecular structure of the heavy Grignard reagent [((thf)2BaPh2)4Â·(thf)BaO] with an oxygen-centered square Ba5 pyramid. Inorganic Chemistry Communication, 2007, 10, 1001-1004.	3.9	32
62	[Bis(tetrahydrofuranâ€“‹i›O‹/i›)â€“bis(1,3â€“dialkylâ€“2â€“diphenylphosphanylâ€“1,3â€“diazaallyl)calcium] â€“ Synthesis and Crystal Structures of Calcium Bis[phospha(III)guanidinates] and Investigations of Catalytic Activity. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1568-1572.	1.2	31
63	Organic heterobimetallic complexes of the alkaline earth metals (Ae = Ca, Sr, Ba) with tetrahedral metallate anions of three-valent metals (M = B, Al, Ga, and V). New Journal of Chemistry, 2010, 34, 1667.	2.8	31
64	Derivatives of Photosensitive CORM-S1 - CO Complexes of Iron and Ruthenium with the (OC)2M(S-C-C-NH2)2 Fragment. European Journal of Inorganic Chemistry, 2012, 2012, 1072-1078.	2.0	30
65	Impact of Heme and Heme Degradation Products on Vascular Diameter in Mouse Visual Cortex. Journal of the American Heart Association, 2014, 3, .	3.7	29
66	Direct Synthesis of Heavy Grignard Reagents: Challenges, Limitations, and Derivatization. Chemistry - A European Journal, 2018, 24, 16840-16850.	3.3	29
67	Formation of Calciumâ€“Carbon Bonds From a Lewis Acid-Base Reaction of Calcium Bis[bis(trimethylsilyl)amide] and Tris(trimethylsilylmethyl)alane. European Journal of Inorganic Chemistry, 1999, 1999, 2209-2214.	2.0	28
68	Metallierung von Triisopropylsilylarsan durch Bis(tetrahydrofuran)calcium-bis[tris(trimethylsilylmethyl)zinkat]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 735.	1.2	28
69	Synthesis and Molecular Structures of Phenylamides of Magnesium, Calcium, Strontium, and Barium â¯ From Molecular to Polymeric Structures. Inorganic Chemistry, 2007, 46, 7678-7683.	4.0	28
70	Sterically Encumbered Amidinates and Guanidinates of Calcium and Strontium. European Journal of Inorganic Chemistry, 2013, 2013, 3261-3269.	2.0	28
71	Oxidation Products of Calcium and Strontium Bis(diphenylphosphanide). Inorganic Chemistry, 2012, 51, 7903-7912.	4.0	27
72	Stability and Reactivity of Phenylstrontium Compounds in Solution. Organometallics, 2010, 29, 2034-2039.	2.3	26

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73	Synthesis, Crystal Structures, and Solution Behavior of Organomagnesium Derivatives of Alkane-1,4-diide as Well as -1,5-diide. Organometallics, 2012, 31, 7579-7585.	2.3	26
74	Structural Evidence of Strong Calciumâ^Ï€ Interactions to Aryl Substituents Stabilized by Coexistent Agostic Bonds to Alkyl Groups. Organometallics, 2014, 33, 1480-1491.	2.3	26
75	s-Block-Metal-Mediated Hydroamination of Diphenylbutadiyne with Primary Arylamines Using a Dipotassium Tetrakis(amino)calciate Precatalyst. Organometallics, 2015, 34, 3577-3585.	2.3	26
76	Calcium-Mediated Catalytic Synthesis of 1-(Diorganylamino)-1,4-diphenyl-4-(diphenylphosphanyl)buta-1,3-dienes. Inorganic Chemistry, 2016, 55, 4676-4682.	4.0	26
77	Fluorescent amphiphilic heterografted comb polymers comprising biocompatible PLA and PEtOx side chains. Polymer Chemistry, 2016, 7, 6064-6074.	3.9	26
78	Coordination Behavior of Calcocene and Its Use as a Synthon for Heteroleptic Organocalcium Compounds. Organometallics, 2011, 30, 1359-1365.	2.3	25
79	Synthese und Molekï¿½lstruktur von Barium-bis[N,N?-bis(trimethylsilyl)benzamidinat] ï¿½ DME ï¿½ THF. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1993, 619, 1455-1461.	1.2	24
80	Electronic, Steric, and Ligand Influence on the Solid-State Structures of Substituted Sodium and Potassium Anilides. European Journal of Inorganic Chemistry, 2011, 2011, 5288-5298.	2.0	24
81	Tris(pyrazolyl)methanides of the Alkaline Earth Metals: Influence of the Substitution Pattern on Stability and Degradation. Inorganic Chemistry, 2015, 54, 635-645.	4.0	24
82	Propentdyopents as Heme Degradation Intermediates Constrict Mouse Cerebral Arterioles and Are Present in the Cerebrospinal Fluid of Patients With Subarachnoid Hemorrhage. Circulation Research, 2019, 124, e101-e114.	4.5	24
83	Strong intramolecular calciumâ€“Ï€ interactions with aryl substituents â€“ requirements and limitations. Dalton Transactions, 2014, 43, 14440-14449.	3.3	23
84	sâ€Block Metal Complexes with Bisâ€•and Tris(pyrazolyl)methane and â€•methanide Ligands. European Journal of Inorganic Chemistry, 2016, 2016, 2332-2348.	2.0	23
85	Influence of 18-Crown-6 Ether Coordination on the Catalytic Activity of Potassium and Calcium Diarylphosphinites in Hydrophosphorylation Reactions. Inorganic Chemistry, 2017, 56, 9255-9263.	4.0	23
86	1â€Alkenylcalcium Iodide: Synthesis and Stability. Chemistry - A European Journal, 2014, 20, 5237-5239.	3.3	22
87	Hydroamination of diphenylbutadiyne with secondary N-methyl-anilines using the dipotassium tetrakis(2,6-diisopropylanilino)calciate precatalyst. Dalton Transactions, 2016, 45, 6241-6250.	3.3	22
88	Synthesis and Structure of a Dimeric Alkyldibariumtriszincate with a Tetraanionic Triszincate Ligand and a Unique Central Ba4Zn2C6 Moiety. Angewandte Chemie - International Edition, 2001, 40, 2666-2668.	13.8	21
89	Phenylcalcium iodides with silyl substituents in para-position. Inorganic Chemistry Communication, 2007, 10, 853-855.	3.9	21
90	Total Synthesis and Detection of the Bilirubin Oxidation Product (Z)-2-(3-Ethenyl-4-methyl-5-oxo-1,5-dihydro-2H-pyrrol-2-ylidene)ethanamide (Z-BOX) Tj ETQq0 0 0 rgBT /Overlock 1	4.0	21

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91	Calcium-mediated Hydrophosphorylation of Organic Isocyanates with Diphenylphosphane Oxide. Australian Journal of Chemistry, 2013, 66, 1264.	0.9	21
92	Solution Stability of Organocalcium Compounds in Ethereal Media. Organometallics, 2014, 33, 6381-6388.	2.3	21
93	1,3-Bis(2,4,6-trimethylphenyl)triazenides of potassium, magnesium, calcium, and strontium. Dalton Transactions, 2015, 44, 8089-8099.	3.3	21
94	Coordination behavior of bidentate bis(carbenes) at alkali metal bis(trimethylsilyl)amides. Dalton Transactions, 2017, 46, 9058-9067.	3.3	21
95	Bis(trimethylsilyl)amide complexes of s-block metals with bidentate ether and amine ligands. Dalton Transactions, 2019, 48, 8966-8975.	3.3	21
96	Stabilization and Reactivity of the Lewis Acidic Solvated Phenylcalcium Cation. Angewandte Chemie - International Edition, 2013, 52, 3507-3510.	13.8	20
97	4â€Biphenylylcalcium Iodide and 9â€Phenanthrylcalcium Bromide: Grignardâ€Type Reagents of Polycyclic Aromatic Hydrocarbons. Chemistry - A European Journal, 2013, 19, 10497-10500.	3.3	20
98	N,Nâ€²â€Bis(2,6â€diisopropylphenyl)benzamidinates and â€pivalamidinates of the sâ€Block Metals Lithium, Potassium, and Calcium. European Journal of Inorganic Chemistry, 2014, 2014, 1312-1321.	2.0	20
99	Endâ€functionalized polylactides using a calciumâ€based precatalyst: Synthesis and insights by mass spectrometry. Journal of Polymer Science Part A, 2016, 54, 437-448.	2.3	20
100	Potassium-Mediated Hydrophosphorylation of Heterocumulenes with Diarylphosphane Oxide and Sulfide. Inorganic Chemistry, 2016, 55, 10741-10750.	4.0	20
101	Surprisingly Different Reaction Behavior of Alkali and Alkaline Earth Metal Bis(trimethylsilyl)amides toward Bulky Nâ€(2â€Pyridylethyl)â€Nâ€²â€(2,6â€diisopropylphenyl)pivalamidine. Chemistry - A European Journal, 2016, 22, 10944-10959.	3.3	20
102	Alkaline Earth Metalâ€“Carbene Complexes with the Versatile Tridentate 2,6-Bis(3-mesitylimidazol-2-ylidene)pyridine Ligand. Organometallics, 2017, 36, 994-1000.	2.3	20
103	Tris[bis(trimethysilyl)amido]zinkate von Lithium und Calcium. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1992, 618, 131-138.	1.2	19
104	Structural Diversity of Calcium Organocuprates(I): Synthesis of Mesityl Cuprates via Addition and Transmetalation Reactions of Mesityl Copper(I). Chemistry - an Asian Journal, 2010, 5, 272-277.	3.3	19
105	N,N,Nâ€²,Nâ€²-Tetramethylethylendiamine adducts of amido calcium bases â€“ Synthesis of monomeric [(tmeda)Ca{N(SiMe3)2}2], [(tmeda)Ca{NiPr2}2], and dimeric Hauser base-type [(tmeda)Ca(tmp)(Î¼-I)]2 (tmp=2,2,6,6-tetramethylpiperidide). Inorganica Chimica Acta, 2011, 374, 429-434.	2.4	19
106	1,2-Bis(anilido)ethane Complexes of Calcium and Potassium: Synthesis, Structures, and Catalytic Activity. Organometallics, 2018, 37, 924-933.	2.3	19
107	Synthese und MolekÃ¼lstruktur von Calciumbis(trimethylstannanid) Â· 4THF. Angewandte Chemie, 1994, 106, 1585-1587.	2.0	18
108	Synthesis and characterization of rare examples of stable potassium and arylcalcium triethylboranate complexes. Inorganic Chemistry Communication, 2010, 13, 1466-1469.	3.9	18

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109	Coordination Behavior and Coligand-Dependent cis/trans Isomerism of Calcium Bis(diphenylphosphanides). European Journal of Inorganic Chemistry, 2011, 2011, 3002-3007.	2.0	18
110	Carbon monoxide release properties and molecular structures of phenylthiolatomanganese(<scp>i</scp>) carbonyl complexes of the type [(OC)₄Mn(Î¼-S-aryl)]₂. Dalton Transactions, 2015, 44, 3020-3033.	3.3	18
111	Synthesis and solution stability of water-soluble Îº²N,Îº²O-bis(3,5-dimethylpyrazolyl)ethanol manganese(<scp>i</scp>) tricarbonyl bromide (CORM-ONN1). Dalton Transactions, 2017, 46, 1684-1693.	3.3	18
112	Stripping and Plating a Magnesium Metal Anode in Bromideâ€Based Nonâ€Nucleophilic Electrolytes. ChemSusChem, 2020, 13, 3530-3538.	6.8	18
113	Amido-based potassium-alkaline earth metallates â€“ synthesis and structures of heterobimetallic complexes of heavy s-block elements. Dalton Transactions, 2011, 40, 8108.	3.3	17
114	Synthesis and Molecular Structures of Meta-Substituted Arylcalcium Iodides. Organometallics, 2012, 31, 8647-8653.	2.3	17
115	Concept for Enhancement of the Stability of Calcium-Bound Pyrazolyl-Substituted Methanides. Inorganic Chemistry, 2015, 54, 2100-2102.	4.0	17
116	Substituted Cyclopentadienides of Magnesium from the Reaction of Dialkylmagnesium with Fulvenes. European Journal of Inorganic Chemistry, 1998, 1998, 965-971.	2.0	16
117	Regiospecific Calcium-Mediated Intermolecular Hydrophosphanylation of Butadiynes with Diphenylphosphane Oxide. European Journal of Inorganic Chemistry, 2012, 2012, 5451-5455.	2.0	16
118	Halideâ€Free Diarylcalcium Complexesâ€”Syntheses, Structures, and Stability. Chemistry - A European Journal, 2014, 20, 3154-3161.	3.3	16
119	Impact of higher-order heme degradation products on hepatic function and hemodynamics. Journal of Hepatology, 2017, 67, 272-281.	3.7	16
120	Retinol initiated poly(lactide)s: stability upon polymerization and nanoparticle preparation. Polymer Chemistry, 2017, 8, 4378-4387.	3.9	16
121	Directed Ortho Calciation of 1,3-Bis(3-isopropylimidazol-2-ylidene)benzene. Organometallics, 2017, 36, 2811-2817.	2.3	16
122	Straightforward synthesis of rubidium bis(trimethylsilyl)amide and complexes of the alkali metal bis(trimethylsilyl)amides with weakly coordinating 2,2,5,5-tetramethyltetrahydrofuran. Dalton Transactions, 2018, 47, 12562-12569.	3.3	16
123	Straightforward One-Pot Syntheses of Silylamides of Magnesium and Calcium via an In Situ Grignard Metalation Method. Synthesis, 2019, 51, 1115-1122.	2.3	16
124	Monomeric and Dimeric Tetrahydrofuran Complexes of Barium Bis[bis(dimethyl-tert-butylsilyl)arsanide]â€. Inorganic Chemistry, 1998, 37, 619-623.	4.0	15
125	3-(2-Pyridyl)-5-(2-thienyl)pyrazole and Complexes of Its Anion with Lithium, Magnesium, Calcium, and Zinc Ions. European Journal of Inorganic Chemistry, 2012, 2012, 5991-6001.	2.0	15
126	Structureâ€“Solubility Relationship of 1,4â€Dioxane Complexes of Di(hydrocarbyl)magnesium. Chemistry - A European Journal, 2019, 25, 12830-12841.	3.3	15

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127	One-pot synthesis of PLA-b-PHEA via sequential ROP and RAFT polymerizations. Polymer Chemistry, 2017, 8, 6086-6098.	3.9	15
128	Phosphanides of calcium and their oxidation products. Coordination Chemistry Reviews, 2013, 257, 1049-1066.	18.8	14
129	Kudos and Renaissance of s-Block Metal Chemistry. Inorganics, 2017, 5, 17.	2.7	14
130	Aufbau von Erdalkalimetall-Arsen-KÃfigstrukturen durch die Metallierung von Triisopropylsilylarsan mit Calcium-, Strontiumund Barium-bis[bis(trimethylsilyl)amid] in Tetrahydrofuran. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 882-890.	1.2	13
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