

Matthias Westerhausen

List of Publications by Year in descending order

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200
papers

6,559
citations

71102

41
h-index

95266

68
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220
all docs

220
docs citations

220
times ranked

2819
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalation of Aryl-bis(3-alkyl-5-methylpyrazol-1-yl)-methane (Alkyl=Me, Ad; Aryl=Ph,) Tj ETQq1 1 0.784314 rgBT /Overlo KN(SiMe ₃) ₂ , and Ca{N(SiMe ₃) ₂ } ₂ . European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	1
2	Suitability of Carbazolyl Hauser and Turbo-Hauser Bases as Magnesium-Based Electrolytes. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	6
3	Sterically shielded primary anilides of the alkaline-earth metals of the type (thf) _n Ae(NH-Ar*) ₂ (Ae = Mg, Ca, Sr, and Ba; Ar* = bulky aryl). Dalton Transactions, 2022, 51, 8461-8471.	3.3	2
4	Versatile Access to Very Short P=P Double Bonds in Mixed-Valent 1 ⁵ -Diphosphenes via 1,3-Silyl Migration. Organometallics, 2021, 40, 1744-1750.	2.3	3
5	Synthesis and Oligonuclear Structures of Strontium and Barium Complexes with Protonated and Deprotonated <i>N</i> -Mesityl- <i>P</i> -diphenylphosphinic Amide Ligands. ACS Omega, 2021, 6, 23578-23587.	3.5	2
6	One-Step Synthesis and Schlenk-Type Equilibrium of Cyclopentadienylmagnesium Bromides. Chemistry - A European Journal, 2021, 27, 15508-15515.	3.3	9
7	2-Halo- and/or 4-ethoxycarbonyl-substituted asymmetric 1,3-diaryltriazenes and 1,3-diarylamidines as well as N-methylated congeners. Journal of Molecular Structure, 2020, 1205, 127622.	3.6	3
8	Iron(I)-Based Carbonyl Complexes with Bridging Thiolate Ligands as Light-Triggered CO Releasing Molecules (photoCORMs). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 125-132.	1.2	7
9	Sterically Encumbered 2,3-Dihydrophosphindole and Its Chalcogenides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1812-1819.	1.2	1
10	Fe ²⁺ -Mediated Activation of BK _{Ca} Channels by Rapid Photolysis of CORM-S1 Releasing CO and Fe ²⁺ . ACS Chemical Biology, 2020, 15, 2098-2106.	3.4	8
11	Phenylchromium(III) Chemistry Revisited 100 Years after Franz Hein (Part II): From LinCrPh _{3+n} (thf) _x (n =) Tj ETQq1 1 0.784314 rgBT /Ov 2.3 4	2.3	4
12	Photoisomerization Neutralizes Vasoconstrictive Activity of a Heme Degradation Product. ACS Omega, 2020, 5, 21401-21411.	3.5	2
13	Magnesiated and Calciated <i>N</i> -Mesityl Diphenylphosphinic Amides. European Journal of Inorganic Chemistry, 2020, 2020, 1902-1905.	2.0	2
14	Crystallographic and computational study of the structure of copper(II) 2,2-bis(2-oxidobenzylideneamino)-4,4-dimethyl-1,1-biphenyl. Transition Metal Chemistry, 2020, 45, 435-442.	1.4	4
15	Synthesis, Structure, and Stability of Lithium Arylphosphanidyl-diarylphosphane Oxide. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 948-958.	1.2	4
16	BOX A-type monopyrrolic heterocycles modified via the Suzuki-Miyaura cross-coupling reaction. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 51-62.	0.7	0
17	Synthesis of β -Lactams via Enantioselective Allylation of Anilines with Morita-Baylis-Hillman Carbonates. Synlett, 2020, 31, 575-580.	1.8	6
18	Pyrrolic and Dipyrrolic Chlorophyll Degradation Products in Plants and Herbivores. Chemistry - A European Journal, 2020, 26, 6205-6213.	3.3	9

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19	Scope and Limitations of the s-block Metal-Mediated Pudovik Reaction. Chemistry - A European Journal, 2020, 26, 7235-7243.	3.3	12
20	Stripping and Plating a Magnesium Metal Anode in Bromide-Based Non-Nucleophilic Electrolytes. ChemSusChem, 2020, 13, 3530-3538.	6.8	18
21	Mechanistic investigations on C-H activated dealkylating cyclo-amination reactions of substituted triazenes, formamidines and amidines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 651-664.	0.7	1
22	Structure-Solubility Relationship of 1,4-Dioxane Complexes of Di(hydrocarbyl)magnesium. Chemistry - A European Journal, 2019, 25, 12830-12841.	3.3	15
23	Diaryltriazenido Palladium(II) complexes derived from 1-(2-bromo-4-ethoxycarbonylphenyl)-3-phenyltriazenes. Journal of Organometallic Chemistry, 2019, 898, 120875.	1.8	3
24	Synthesis and catalytic activity of tridentate N-(2-pyridylethyl)-substituted bulky amidinates of calcium and strontium. Dalton Transactions, 2019, 48, 2479-2490.	3.3	6
25	Total syntheses of the bilirubin oxidation end product Z-BOX C and its isomeric form Z-BOX D. Organic and Biomolecular Chemistry, 2019, 17, 6489-6496.	2.8	2
26	Bis(trimethylsilyl)amide complexes of s-block metals with bidentate ether and amine ligands. Dalton Transactions, 2019, 48, 8966-8975.	3.3	21
27	Potassium Salts of Asymmetrically Substituted Amidinates and a Triazenide. European Journal of Inorganic Chemistry, 2019, 2019, 1970-1978.	2.0	3
28	Hexanuclear Wheel-Shaped Lithium N-(2,6-diisopropylphenyl)-N-(2-pyridylethyl)benzamidinate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 499-503.	1.1	0
29	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
30	Phenylchromium(III) Chemistry Revisited 100 Years after Franz Hein (Part I). Organometallics, 2019, 38, 498-511.	2.3	7
31	Substituted 2,2-Bis(2-oxidobenzylideneamino)-4,4-dimethyl-1,1-biphenyl Complexes of Zinc. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 292-300.	1.2	4
32	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
33	Synthesis of Dipotassium 2,2-Bis(2-oxidobenzylideneamino)-4,4-dimethyl-1,1-biphenyl Derivatives and Use as Ligand Transfer Reagent. European Journal of Inorganic Chemistry, 2018, 2018, 1563-1570.	2.0	7
34	1,2-Bis(anilido)ethane Complexes of Calcium and Potassium: Synthesis, Structures, and Catalytic Activity. Organometallics, 2018, 37, 924-933.	2.3	19
35	Acetoxymethyl Concept for Intracellular Administration of Carbon Monoxide with Mn(CO) ₃ -Based PhotoCORMs. Chemistry - A European Journal, 2018, 24, 3321-3329.	3.3	11
36	5-Methyl-2-thienylcalcium iodide. Dalton Transactions, 2018, 47, 12534-12539.	3.3	6

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37	Coordination Chemistry of N-(2-Pyridylethyl)-Substituted Bulky Amidinates and Triazenides of Magnesium. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4361-4369.	2.0	11
38	Alkaline-Earth Metal Bis[bis(trimethylsilyl)amide] Complexes with Weakly Coordinating 2,2,5,5-Tetramethyltetrahydrofuran Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 13937-13943.	4.0	6
39	Complexes of Trimethylalane with Bis[bis(pyrazolyl)methyl]-Substituted Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1464-1468.	1.2	0
40	Straightforward synthesis of rubidium bis(trimethylsilyl)amide and complexes of the alkali metal bis(trimethylsilyl)amides with weakly coordinating 2,2,5,5-tetramethyltetrahydrofuran. <i>Dalton Transactions</i> , 2018, 47, 12562-12569.	3.3	16
41	Potassium Dimesitylphosphinite Catalyzed Intermolecular Hydrophosphorylation of Alkynes. <i>Organometallics</i> , 2018, 37, 4380-4386.	2.3	13
42	Structural Diversity of Lithium, Sodium, and Potassium Complexes of <i>N</i> -Mesityl- <i>P</i> -diphenylphosphoryl Amide. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1274-1279.	1.2	4
43	Direct Synthesis of Heavy Grignard Reagents: Challenges, Limitations, and Derivatization. <i>Chemistry - A European Journal</i> , 2018, 24, 16840-16850.	3.3	29
44	Synthesis of Biopolymer-Based Precursors for the Formation of Organic-Inorganic Hybrid Materials. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800199.	3.9	5
45	Synthesis and solution stability of water-soluble N -bis(3,5-dimethylpyrazolyl)ethanol manganese tricarbonyl bromide (CORM-ONN1). <i>Dalton Transactions</i> , 2017, 46, 1684-1693.	3.3	18
46	Frontispiece: Heavy Grignard Reagents: Synthesis, Physical and Structural Properties, Chemical Behavior, and Reactivity. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
47	Alkaline Earth Metal Carbene Complexes with the Versatile Tridentate 2,6-Bis(3-mesitylimidazol-2-ylidene)pyridine Ligand. <i>Organometallics</i> , 2017, 36, 994-1000.	2.3	20
48	Impact of higher-order heme degradation products on hepatic function and hemodynamics. <i>Journal of Hepatology</i> , 2017, 67, 272-281.	3.7	16
49	From Highly Fluorescent Donors to Strongly Absorbing Acceptors: The Tunable Properties of Fluorubines. <i>Journal of Organic Chemistry</i> , 2017, 82, 6153-6162.	3.2	7
50	Coordination behavior of bidentate bis(carbenes) at alkali metal bis(trimethylsilyl)amides. <i>Dalton Transactions</i> , 2017, 46, 9058-9067.	3.3	21
51	Heavy Grignard Reagents: Synthesis, Physical and Structural Properties, Chemical Behavior, and Reactivity. <i>Chemistry - A European Journal</i> , 2017, 23, 1456-1483.	3.3	83
52	A Water-Soluble Mn(CO) ₃ -Based and Non-Toxic PhotoCORM for Administration of Carbon Monoxide Inside of Cells. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 2057-2062.	1.2	10
53	CO-independent modification of K ⁺ channels by tricarbonyldichlororuthenium(II) dimer (CORM-2). <i>European Journal of Pharmacology</i> , 2017, 815, 33-41.	3.5	42
54	Hydrocarbon-Soluble Bis(trimethylsilylmethyl)calcium and Calcium-Iodine Exchange Reactions at sp^2 -Hybridized Carbon Atoms. <i>Organometallics</i> , 2017, 36, 3981-3986.	2.3	13

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55	Dilithium and Magnesium Alkanediides and 1-Oxaalkanediides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1276-1294.	1.2	11
56	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
57	Retinol initiated poly(lactide)s: stability upon polymerization and nanoparticle preparation. Polymer Chemistry, 2017, 8, 4378-4387.	3.9	16
58	Directed Ortho Calciation of 1,3-Bis(3-isopropylimidazol-2-ylidene)benzene. Organometallics, 2017, 36, 2811-2817.	2.3	16
59	Manganese(I)-Based CORMs with 5-Substituted 3-(2-Pyridyl)Pyrazole Ligands. Inorganics, 2017, 5, 8.	2.7	13
60	Kudos and Renaissance of s-Block Metal Chemistry. Inorganics, 2017, 5, 17.	2.7	14
61	One-pot synthesis of PLA-b-PHEA via sequential ROP and RAFT polymerizations. Polymer Chemistry, 2017, 8, 6086-6098.	3.9	15
62	Reduction of Bromo- and Iodo-2,6-bis(diphenylphosphanylmethyl)benzene with Magnesium and Calcium. Inorganics, 2016, 4, 39.	2.7	9
63	End-functionalized polylactides using a calcium-based precatalyst: Synthesis and insights by mass spectrometry. Journal of Polymer Science Part A, 2016, 54, 437-448.	2.3	20
64	Calcium-Mediated Catalytic Synthesis of 1-(Diorganyl-amino)-1,4-diphenyl-4-(diphenylphosphanyl)buta-1,3-dienes. Inorganic Chemistry, 2016, 55, 4676-4682.	4.0	26
65	Synthesis of Lewis Base Adducts of Barium Bis[bis(trimethylsilyl)amide]. European Journal of Inorganic Chemistry, 2016, 2016, 4637-4642.	2.0	6
66	Potassium-Mediated Hydrophosphorylation of Heterocumulenes with Diarylphosphane Oxide and Sulfide. Inorganic Chemistry, 2016, 55, 10741-10750.	4.0	20
67	Remote-controlled delivery of CO via photoactive CO-releasing materials on a fiber optical device. Dalton Transactions, 2016, 45, 13222-13233.	3.3	34
68	Fluorescent amphiphilic heterografted comb polymers comprising biocompatible PLA and PEtOx side chains. Polymer Chemistry, 2016, 7, 6064-6074.	3.9	26
69	s-Block Metal Complexes with Bis- and Tris(pyrazolyl)methane and -methanide Ligands. European Journal of Inorganic Chemistry, 2016, 2016, 2332-2348.	2.0	23
70	Surprisingly Different Reaction Behavior of Alkali and Alkaline Earth Metal Bis(trimethylsilyl)amides toward Bulky N-(2-pyridylethyl)-N-(2,6-diisopropylphenyl)pivalamidine. Chemistry - A European Journal, 2016, 22, 10944-10959.	3.3	20
71	Reactivity Studies of [(thf) ₂ Mg{1/4-C(CH ₃) ₂ CH ₂ C(CH ₃) ₂ }] ₂ Scrambling Reactions and Diverse Reactions with Dichlorophenylphosphane. Organometallics, 2016, 35, 3861-3869.	2.3	5
72	Synthesis and Characterization of Manganese(I) Carbonyl Complexes of the Type [(OC) ₄ Mn{1/4P(R)Ar}] ₂ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 508-514.	1.2	4

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73	CORM-EDE1: A Highly Water-Soluble and Nontoxic Manganese-Based photoCORM with a Biogenic Ligand Sphere. <i>Inorganic Chemistry</i> , 2016, 55, 104-113.	4.0	39
74	Hydroamination of diphenylbutadiyne with secondary N-methyl-anilines using the dipotassium tetrakis(2,6-diisopropylanilino)calcate precatalyst. <i>Dalton Transactions</i> , 2016, 45, 6241-6250.	3.3	22
75	Magnesiacycloalkanes with Different Ring Sizes. <i>Organometallics</i> , 2016, 35, 587-594.	2.3	5
76	Trimethylsilylmethylcalcium Iodide, an Easily Accessible Grignard-Type Reagent of a Heavy Alkaline Earth Metal. <i>Organometallics</i> , 2016, 35, 242-248.	2.3	36
77	Potassium and Mixed Lithium/Potassium Complexes of Deprotonated 1,2-Bis(neopentylamino)benzene. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2140-2146.	1.2	3
78	1,3-Bis(2,4,6-trimethylphenyl)triazenides of potassium, magnesium, calcium, and strontium. <i>Dalton Transactions</i> , 2015, 44, 8089-8099.	3.3	21
79	Carbon monoxide release properties and molecular structures of phenylthiolatomanganese($\langle scp \rangle i \langle /scp \rangle$) carbonyl complexes of the type $[(OC)_{\langle sub \rangle 4 \langle /sub \rangle} Mn(i^{1/4} S\text{-aryl})]_{\langle sub \rangle 2 \langle /sub \rangle}$. <i>Dalton Transactions</i> , 2015, 44, 3020-3033.	3.3	18
80	Stabilization of a Snub Bisphenoidal Environment of Strontium in Bis[3-(1-naphthyl)-5-(2-pyridyl)-2-H-pyrazole]strontium Bis[3-(1-naphthyl)-5-(2-pyridyl)pyrazolate] by Strong Hydrogen Bridges. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 650-654.	2.3	11
81	Tris(pyrazolyl)methanides of the Alkaline Earth Metals: Influence of the Substitution Pattern on Stability and Degradation. <i>Inorganic Chemistry</i> , 2015, 54, 635-645.	4.0	24
82	s-Block-Metal-Mediated Hydroamination of Diphenylbutadiyne with Primary Arylamines Using a Dipotassium Tetrakis(amino)calcate Precatalyst. <i>Organometallics</i> , 2015, 34, 3577-3585.	2.3	26
83	Concept for Enhancement of the Stability of Calcium-Bound Pyrazolyl-Substituted Methanides. <i>Inorganic Chemistry</i> , 2015, 54, 2100-2102.	4.0	17
84	Homoleptic Tris($\langle i \rangle i \langle /i \rangle$ -alkanediy)yttrates of the Type $[\{Li(dme)\}_{\langle sub \rangle 3 \langle /sub \rangle} \{Y(CH_{\langle sub \rangle 2 \langle /sub \rangle} - X - CH_{\langle sub \rangle 2 \langle /sub \rangle})_{\langle sub \rangle 3 \langle /sub \rangle}\}]$ (X =) $Tj ETQqO O O rgBT /Overlock 10 Tf 50 302 Td$ ($\langle i \rangle i \langle /i \rangle$) $\langle i \rangle i \langle /i \rangle$. <i>Organometallics</i> , 2015, 34, 23-31.	2.3	7
85	Solution Stability of Organocalcium Compounds in Ethereal Media. <i>Organometallics</i> , 2014, 33, 6381-6388.	2.3	21
86	$\langle i \rangle N \langle /i \rangle$, $\langle i \rangle N \langle /i \rangle$ -Bis(2,6-diisopropylphenyl)benzamidinates and $\langle i \rangle p$ ivalamidinates of the s-Block Metals Lithium, Potassium, and Calcium. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1312-1321.	2.0	20
87	Impact of Heme and Heme Degradation Products on Vascular Diameter in Mouse Visual Cortex. <i>Journal of the American Heart Association</i> , 2014, 3, .	3.7	29
88	Coordination Chemistry of N,N-Bis(diphenylphosphanylmethyl)-2,3-dihydro-1H-perimidine $\langle i \rangle$ Lewis Acid-Base Complexes with the $d_{\langle sup \rangle 10 \langle /sup \rangle}$ -Metals Nickel(0) and Gold(I). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014, 69, 1299-1305.	0.7	8
89	Synthesis, Structures, and Spectroscopic Properties of 3-Aryl-5-(2-pyridyl)pyrazoles and Related Pyrazoles. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 916-925.	1.2	4
90	3-(1-Adamantyl)-3-Ferrocenyl-, and 3-(2-Furanyl)-5-Substituted 5-(2-Pyridyl)pyrazole as well as Lithium and Zinc Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 907-915.	1.2	7

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91	1-alkenylcalcium iodide: Synthesis and Stability. Chemistry - A European Journal, 2014, 20, 5237-5239.	3.3	22
92	Arylcalcium halides as substrates in Kumada-type cross-coupling reactions. Journal of Organometallic Chemistry, 2014, 751, 563-567.	1.8	11
93	Strong intramolecular calcium-π interactions with aryl substituents: requirements and limitations. Dalton Transactions, 2014, 43, 14440-14449.	3.3	23
94	IR Spectroscopic Methods for the Investigation of the CO Release from CORMs. Journal of Physical Chemistry A, 2014, 118, 5381-5390.	2.5	42
95	Total synthesis and characterization of the bilirubin oxidation product (Z)-2-(4-ethenyl-3-methyl-5-oxo-1,5-dihydro-2H-pyrrol-2-ylidene)ethanamide (Z-BOX B). Tetrahedron Letters, 2014, 55, 6526-6529.	1.4	12
96	Carbon monoxide: physiology, detection and controlled release. Chemical Communications, 2014, 50, 3644-3660.	4.1	335
97	Structural Evidence of Strong Calcium-π Interactions to Aryl Substituents Stabilized by Coexistent Agostic Bonds to Alkyl Groups. Organometallics, 2014, 33, 1480-1491.	2.3	26
98	Halide-free Diarylcium Complexes: Syntheses, Structures, and Stability. Chemistry - A European Journal, 2014, 20, 3154-3161.	3.3	16
99	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 ETQq14.6.7843 14 rgBT /	1.4	12
100	Sterically Encumbered Amidinates and Guanidinates of Calcium and Strontium. European Journal of Inorganic Chemistry, 2013, 2013, 3261-3269.	2.0	28
101	Calcium-mediated Hydrophosphorylation of Organic Isocyanates with Diphenylphosphane Oxide. Australian Journal of Chemistry, 2013, 66, 1264.	0.9	21
102	Tris(3-phenylpyrazolyl)methanide Complex of Calcium - Unprecedented Coordination Chemistry and Degradation Reaction. European Journal of Inorganic Chemistry, 2013, 2013, 5679-5682.	2.0	13
103	Phosphanides of calcium and their oxidation products. Coordination Chemistry Reviews, 2013, 257, 1049-1066.	18.8	14
104	Synthesis and Structural Characterization of Bis(tetrahydro-2H-pyran)calcium Bis[bis(trimethylsilyl)amide]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 19-21.	1.2	10
105	Stabilization and Reactivity of the Lewis Acidic Solvated Phenylcalcium Cation. Angewandte Chemie - International Edition, 2013, 52, 3507-3510.	13.8	20
106	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
107	4-Biphenylcalcium Iodide and 9-Phenanthrylcium Bromide: Grignard-type Reagents of Polycyclic Aromatic Hydrocarbons. Chemistry - A European Journal, 2013, 19, 10497-10500.	3.3	20
108	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

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109	3-(2-Pyridyl)-5-(2-thienyl)pyrazole and Complexes of Its Anion with Lithium, Magnesium, Calcium, and Zinc Ions. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5991-6001.	2.0	15
110	Regiospecific Calcium-Mediated Intermolecular Hydrophosphanylation of Butadiynes with Diphenylphosphane Oxide. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5451-5455.	2.0	16
111	Arylcalcium Iodides in Tetrahydropyran: Solution Stability in Comparison to Aryllithium Reagents. <i>Organometallics</i> , 2012, 31, 6172-6182.	2.3	38
112	Synthesis and Molecular Structures of Meta-Substituted Arylcalcium Iodides. <i>Organometallics</i> , 2012, 31, 8647-8653.	2.3	17
113	Oxidation Products of Calcium and Strontium Bis(diphenylphosphanide). <i>Inorganic Chemistry</i> , 2012, 51, 7903-7912.	4.0	27
114	3-Phenyl-5-(2-pyridyl)pyrazolato Complexes of Lithium, Magnesium, Calcium, and Zinc. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012, 67, 519-531.	0.7	5
115	Calcium-mediated intermolecular hydroamination of diphenylbutadiyne with secondary anilines. <i>Chemical Communications</i> , 2012, 48, 7094.	4.1	34
116	Synthesis, Crystal Structures, and Solution Behavior of Organomagnesium Derivatives of Alkane-1,4-diyne as Well as -1,5-diyne. <i>Organometallics</i> , 2012, 31, 7579-7585.	2.3	26
117	Derivatives of Photosensitive CORM-S1 - CO Complexes of Iron and Ruthenium with the (OC)2M(S-C-C-NH2)2 Fragment. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1072-1078.	2.0	30
118	Amido-based potassium-alkaline earth metallates – synthesis and structures of heterobimetallic complexes of heavy s-block elements. <i>Dalton Transactions</i> , 2011, 40, 8108.	3.3	17
119	Coordination Behavior of Calocene and Its Use as a Synthon for Heteroleptic Organocalcium Compounds. <i>Organometallics</i> , 2011, 30, 1359-1365.	2.3	25
120	N,N,N',N'-Tetramethylethylenediamine adducts of amido calcium bases – Synthesis of monomeric [(tmeda)Ca{N(SiMe3)2}2], [(tmeda)Ca{NiPr2}2], and dimeric Hauser base-type [(tmeda)Ca(tmp)(η^4 -l)]2 (tmp=2,2,6,6-tetramethylpiperidide). <i>Inorganica Chimica Acta</i> , 2011, 374, 429-434.	2.4	19
121	Coordination Behavior and Coligand-Dependent cis/trans Isomerism of Calcium Bis(diphenylphosphanides). <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3002-3007.	2.0	18
122	Electronic, Steric, and Ligand Influence on the Solid-State Structures of Substituted Sodium and Potassium Anilides. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5288-5298.	2.0	24
123	Catalytic synthesis of vinylphosphanes via calcium-mediated intermolecular hydrophosphanylation of alkynes and butadiynes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 216-227.	1.8	42
124	Dicarbonyl-bis(cysteamine)iron(II): A light induced carbon monoxide releasing molecule based on iron (CORM-S1). <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 6-9.	3.5	103
125	Structural Diversity of Calcium Organocuprates(I): Synthesis of Mesityl Cuprates via Addition and Transmetalation Reactions of Mesityl Copper(I). <i>Chemistry - an Asian Journal</i> , 2010, 5, 272-277.	3.3	19
126	Subvalent Organometallic Compounds of the Alkaline Earth Metals in Low Oxidation States. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 197-216.	2.0	55

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145	Heavy Grignard reagents—Synthesis and reactivity of organocalcium compounds. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1516-1531.	18.8	104
146	Synthesis and Properties of Calcium Tetraorganylalanates with $[\text{Me}_4\text{AlPh}]^+$ Anions. <i>Organometallics</i> , 2008, 27, 5052-5057.	2.3	35
147	Synthesis and structural variations of substituted phenylamide complexes of the heavy alkaline earth metals calcium, strontium and barium. <i>Dalton Transactions</i> , 2008, , 1574.	3.3	38
148	Syntheses and Structures of Alkaline Earth Metal Bis(diphenylamides). <i>Inorganic Chemistry</i> , 2007, 46, 5118-5124.	4.0	48
149	Syntheses and Structure of the Solvent-Separated Calcium Cuprate $[(\text{thf})_3\text{Ca}(\frac{1}{4}\text{-Ph})_3\text{Ca}(\text{thf})_3]^+[\text{PhCuPh}]^-$. <i>Organometallics</i> , 2007, 26, 3269-3271.	2.3	32
150	Heteroleptic Phenylcalcium Derivatives via Metathesis Reactions of $\text{PhCa}(\text{thf})_4\text{I}$ with Potassium Compounds. <i>Organometallics</i> , 2007, 26, 1077-1083.	2.3	64
151	Synthesis and Molecular Structures of Phenylamides of Magnesium, Calcium, Strontium, and Barium—From Molecular to Polymeric Structures. <i>Inorganic Chemistry</i> , 2007, 46, 7678-7683.	4.0	28
152	Heavy Grignard Reagents: Challenges and Possibilities of Aryl Alkaline Earth Metal Compounds. <i>Chemistry - A European Journal</i> , 2007, 13, 6292-6306.	3.3	157
153	Aryl Calcium Compounds: Syntheses, Structures, Physical Properties, and Chemical Behavior. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1950-1956.	13.8	102
154	THF Solvates of Extremely Soluble Bis(2,4,6-trimethylphenyl)calcium and Tris(2,6-dimethoxyphenyl)dicalcium Iodide. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1618-1623.	13.8	56
155	Phenylcalcium iodides with silyl substituents in para-position. <i>Inorganic Chemistry Communication</i> , 2007, 10, 853-855.	3.9	21
156	Reinvestigation of the reaction of strontium and barium with iodobenzene and molecular structure of the heavy Grignard reagent $[(\text{thf})_2\text{BaPh}_2]_4(\text{thf})\text{BaO}$ with an oxygen-centered square Ba_5 pyramid. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1001-1004.	3.9	32
157	<i>trans</i> -Bis(1,2-dimethoxyethane) $^{\text{2}}$ $^{\text{2}}$ diiodido(tetrahydrofuran) $^{\text{2}}$ calcium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m3169-m3169.	0.2	4
158	Arylphosphanide Complexes of the Heavy Alkaline Earth Metals Calcium, Strontium and Barium of the Formula $(\text{thf})_n\text{M}[\text{P}(\text{R})\text{Aryl}]_2$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2025-2031.	1.2	33
159	Recent developments in the field of organic heterobimetallic compounds of the alkaline-earth metals. <i>Dalton Transactions</i> , 2006, , 4755.	3.3	114
160	Synthesis and Characterization of Novel Oxo-Centered Phosphanylzincates of Potassium and Cesium with a Central $\text{Zn}_6\text{O}_2\text{P}_4$ Double-Heterocubane Cage. <i>Inorganic Chemistry</i> , 2006, 45, 409-414.	4.0	5
161	Synthesis and Spectroscopic Properties of Arylcalcium Halides. <i>Organometallics</i> , 2006, 25, 3496-3500.	2.3	71
162	Synthesis of 2,4,6-Trimethylphenylcalcium Iodide and Degradation in THF Solution. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 609-612.	13.8	65

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163	Reinvestigation of the synthesis of phenylcalcium iodide and the first structural characterization of a heavy Grignard reagent as $[(\text{thf})_2\text{CaPhI}]_3 \cdot (\text{thf})\text{CaO}$ with a central Ca_4 tetrahedron. <i>Inorganic Chemistry Communication</i> , 2005, 8, 1159-1161.	3.9	52
164	The Influence of the Neutral Coligand on the Spectroscopic Properties and Crystal Structures of Lithium Tri(tert-butyl)silylarsanides of the Type $[(\text{L})\text{LiAs}(\text{H})\text{Si}(\text{tBu})_3]$ (L = DME, THF). <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4174-4178.	2.0	3
165	Coordination of phosphanide and trialkylsilylphosphanide ligands at pentacarbonyltungsten fragments: An NMR spectroscopic and structural investigation. <i>Heteroatom Chemistry</i> , 2005, 16, 420-425.	0.7	4
166	Activation of a Zinc-Bound Ethyl Group by Formation of a Zn-CEt-Ba Moiety and Crystal Structure of $\{[(\text{Me}_3\text{Si})_2\text{N}]_2\text{Ba}(\text{thf})\text{Zn}_2(\text{Et})(\text{Si}(\text{tBu})_3)_2\}_2$ with Bridging Ethyl Substituents. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6234-6237.	13.8	6
167	Lithium Bis(triisopropylsilyl)phosphanide and its Pentacarbonyltungsten Adduct: Synthesis and Crystal Structures of the Dimer $[(\text{thf})\text{Li}-\text{P}(\text{Si}(\text{tBu})_3)_2]_2$ and the Solvent-Separated Ion Pair $[(\text{thf})_4\text{Li}]^+ [(\text{OC})_5\text{W}-\text{P}(\text{Si}(\text{tBu})_3)_2]^-$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2005, 60, 766-770.	0.7	11
168	Single-Site Calcium Initiators for the Controlled Ring-Opening Polymerization of Lactides and Lactones. <i>Polymer Bulletin</i> , 2003, 51, 175-182.	3.3	70
169	Organocalcium Compounds with Catalytic Activity for the Ring-Opening Polymerization of Lactones. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3432-3439.	2.0	86
170	Metallierung von Triisopropylsilylarsan durch Bis(tetrahydrofuran)calcium-bis[tris(trimethylsilylmethyl)zinkat]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 735.	1.2	28
171	A Novel and Versatile Calcium-Based Initiator System for the Ring-Opening Polymerization of Cyclic Esters. <i>Macromolecules</i> , 2001, 34, 3863-3868.	4.8	221
172	Synthesis of Strontium and Barium Bis{tris[(trimethylsilyl)methyl]zincates} via the Transmetalation of Bis[(trimethylsilyl)methyl]zinc. <i>Organometallics</i> , 2001, 20, 893-899.	2.3	57
173	Aufbau von Erdalkalimetall-Arsen-Käfigstrukturen durch die Metallierung von Triisopropylsilylarsan mit Calcium-, Strontium und Barium-bis[bis(trimethylsilyl)amid] in Tetrahydrofuran. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 882-890.	1.2	13
174	Synthesis and Structure of a Dimeric Alkyldibariumtris(zincate) with a Tetraanionic Tris(zincate) Ligand and a Unique Central $\text{Ba}_4\text{Zn}_2\text{C}_6$ Moiety. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2666-2668.	13.8	21
175	100 Years after Grignard: Where Does the Organometallic Chemistry of the Heavy Alkaline Earth Metals Stand Today?. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2975-2977.	13.8	114
176	Title is missing!. <i>Journal of Polymers and the Environment</i> , 2001, 9, 31-38.	5.0	51
177	Synthesis and Homomolecular Metalation of Trialkylsilylphosphanides of Calcium and Barium. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 743-750.	2.0	37
178	Formation of Calcium-Carbon Bonds From a Lewis Acid-Base Reaction of Calcium Bis[bis(trimethylsilyl)amide] and Tris(trimethylsilylmethyl)alane. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 2209-2214.	2.0	28
179	Synthesis, properties, and reactivity of alkaline earth metal bis[bis(trialkylsilyl)amides]. <i>Coordination Chemistry Reviews</i> , 1998, 176, 157-210.	18.8	169
180	Substituted Cyclopentadienides of Magnesium from the Reaction of Dialkylmagnesium with Fulvenes. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 965-971.	2.0	16

#	ARTICLE	IF	CITATIONS
181	Monomeric and Dimeric Tetrahydrofuran Complexes of Barium Bis[bis(dimethyl-tert-butylsilyl)arsanide] $\hat{=}$. Inorganic Chemistry, 1998, 37, 619-623.	4.0	15
182	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
183	Tetrazinn(II)-und Bariumtriazinn(II)-tetrakis[1/43-tri-ter/-butylsilylphosphan-diid]-Verbindungen mit einem Tetrametallatetraphosphacuban-GerÄ¼st / Tetratin(II) and Barium Tritin(II) Tetrakis[1/43-tri-ter/-butylsilylphosphandiide] Compounds with a Tetrametallatetraphosphacubane Core. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 1489-1493.	0.7	54
184	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. Synthesis and Dynamic Behavior of the Dimeric, Monocyclic Barium	4.0	43
185	Bis[bis(isopropyl)dimethylsilyl]phosphanide] $\hat{=}$ “ Molecular Structures of P(SiMe ₂ Ph) ₃ , of Monomeric (thf) ₄ Ba[P(SiMe ₂ Pr) ₂] ₂ and of the Dimer		

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199	Phenylchromium(III) Chemistry Revisited 100 Years after <i>Franz Hein</i> (Part III): From $(Ar)_3CrCl(L)_x$ (Ar = Ph, L = N-donor ligand) to $(Ar)_2CrCl(L)_2$ (Ar = Ph, L = N-donor ligand). <i>Journal of Organometallic Chemistry</i> , 2019, 900, 1-10.	0.784314	10
200	Bulky Hybrid Scorpionate/Amidinate Complexes of Lithium and Zinc. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1-10.	2.0	0