Alexander Hepp

List of Publications by Year
in descending order

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164	4,168	117571	155592
papers	citations	34	55
		h-index	g-index

168	168	168	2343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Reactivity of a Neutral Homocyclic Silylene. Angewandte Chemie - International Edition, 2022, 61, .	7.2	12
2	A strongly twisted Siî€Si bond with resemblance to a buckled dimer in an unexpected isomer of hexasilabenzene. Dalton Transactions, 2022, , .	1.6	4
3	Tetracyclic silaheterocycle formed through a pericyclic reaction cascade including a two-fold intramolecular Câ€“C bond activation. Chemical Communications, 2022, 58, 3549-3552.	2.2	2
4	Steric and Electronic Properties of Indoleâ€Derived CAAC Ligands. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	4
5	Monoanionic C^N^N Luminophores and Monodentate C-Donor Co-Ligands for Phosphorescent Pt(II) Complexes: A Case Study Involving Their Photophysics and Cytotoxicity. Inorganic Chemistry, 2022, 61, 9195-9204.	1.9	7
6	Direct Formation and Reactivity of a Bromo- and Amido-Substituted Cyclotrisilene. Organometallics, 2022, 41, 2146-2153.	1.1	1
7	Influence of the ancillary ligands on the luminescence of platinum(II) complexes with a triazole-based tridentate C^N^N luminophore. Inorganica Chimica Acta, 2021, 516, 119988.	1.2	18
8	Preparation of Complexes Bearing Nâ€Alkylated, Anionic or Protic CAACs Through Oxidative Addition of 2â€Halogenoindole Derivatives. Angewandte Chemie - International Edition, 2021, 60, 2599-2602.	7.2	16
9	Preparation of Complexes Bearing Nâ€Alkylated, Anionic or Protic CAACs Through Oxidative Addition of 2â€Halogenoindole Derivatives. Angewandte Chemie, 2021, 133, 2631-2634.	1.6	3
10	Sterically constrained tricyclic phosphine: redox behaviour, reductive and oxidative cleavage of Pâ€“C bonds, generation of a dilithium phosphaindole as a promising synthon in phosphine chemistry. Chemical Science, 2021, 12, 3460-3474.	3.7	3
11	Regioselective Double Oxidative Addition of Bisâ€NHC Precursors. European Journal of Inorganic Chemistry, 2021, 2021, 1971-1975.	1.0	5
12	Targeting Guanine Quadruplexes with Luminescent Platinum(II) Complexes Bearing a Pendant Nucleobase. ChemPlusChem, 2021, 86, 662-673.	1.3	4
13	Synthesis and Characterization of Polyâ€NHCâ€Derived Silver(I) Assemblies and Their Transformation into Polyâ€Imidazolium Macrocycles. European Journal of Inorganic Chemistry, 2021, 2021, 2442-2451.	1.0	9
14	Synthesis of Heterobimetallic Complexes through Chemoselective 2,4-Metalation of a Thiazolium Salt. Organometallics, 2021, 40, 1565-1570.	1.1	13
15	Cycloadditions with a Stable Chargeâ€Separated Cyclobutadieneâ€Type Amidoâ€Substituted Silicon Ring Compound. Angewandte Chemie - International Edition, 2021, 60, 21761-21766.	7.2	11
16	Cycloadditionen mit einer stabilen ladungsseparierten cyclobutadienartigen Siliciumringverbindung. Angewandte Chemie, 2021, 133, 21929-21934.	1.6	3
17	Reactivity of the Bicyclic Amidoâ€Substituted Silicon(I) Ring Compound Si₄{N(SiMe₃)Mes}₄ with FLPâ€Type Character. Chemistry - A European Journal, 2021, 27, 17361-17368.	1.7	10
18	Cooperative activation of azides by an Al/N-based active Lewis pair â€“ unexpected insertion of nitrogen atoms into Câ€“Si bonds and formation of AlCN₃ heterocycles. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 63-71.	0.3	4

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19	Chemoselective synthesis of heterobimetallic bis-NHC complexes. Dalton Transactions, 2020, 49, 14388-14392.	1.6	25
20	Reactions of Alâ€N Based Active Lewis Pairs with Ketones and 1,2â€Diketones: Insertion into Alâ€N Bonds, Câ€C and Câ€N Bond Formation and a Tricyclic Saturated Tetraaza Compound. European Journal of Inorganic Chemistry, 2020, 2020, 3760-3770.	1.0	7
21	MCl2 Molecules (M = Zn, Cd, Hg) Coordinated by Trifunctional E/P2-Based FLPs (E = Ga, In): Chelating Coordination of the Metal Atoms and Activation of Mâ€“Cl Bonds by Eâ€“Cl Interactions. Organometallics, 2020, 39, 2695-2704.	1.1	1
22	Synthesis of Ir^{III} Hydrido Complexes by Oxidative Addition of Halogenated Theophylline and Adenine Derivatives. ACS Omega, 2020, 5, 16951-16958.	1.6	2
23	Reactivity of an NHC-Coordinated Trisilacyclopropylidene with Transition Metal Carbonyl Compounds. Organometallics, 2020, 39, 4387-4394.	1.1	6
24	Naphthalonitriles featuring efficient emission in solution and in the solid state. Beilstein Journal of Organic Chemistry, 2020, 16, 2960-2970.	1.3	7
25	An unsaturated amido-substituted six-vertex germanium cluster and its reactions with alkenes and alkynes. Dalton Transactions, 2020, 49, 11843-11850.	1.6	11
26	An intermolecular FLP System derived from an NHC-coordinated trisilacyclopropylidene. Dalton Transactions, 2020, 49, 13386-13392.	1.6	10
27	Hydrosilylation and Hydrogermylation of CO₂ and CS₂ by Al and Ga Functionalized Silanes and Germanes â€“ Cooperative Reactivity with Formation of Silyl Formates and Disilylacetals. European Journal of Inorganic Chemistry, 2020, 2020, 4024-4036.	1.0	6
28	A highly unsaturated six-vertex amido-substituted silicon cluster. Chemical Science, 2020, 11, 5895-5901.	3.7	17
29	Tridentate Ligand with Three Carbanions as Donor Atoms: Formation of Dinuclear, Heptacyclic Complexes of Boron, Aluminum, or Gallium with Bâ€“Câ€“B, Alâ€“Câ€“Al, or Gaâ€“Câ€“Ga Three-Centerâ€“Two-Electron Bonds. Inorganic Chemistry, 2020, 59, 5558-5563.	1.9	0
30	New Reactivity Patterns in 3Hâ€Phosphaallene Chemistry [Arylâ€P=C=C(H)â€tBu]: Hydroboration of the C=C Bond, Deprotonation and Trimerisation. Chemistry - A European Journal, 2020, 26, 15977-15988.	1.7	7
31	Aspects of Phosphaallene Chemistry: Heat-Induced Formation of 1,2-Dihydrophosphetes by Intramolecular Nucleophilic Aromatic Substitution and Photochemical Generation of Tricyclic Phosphiranes. Journal of Organic Chemistry, 2020, 85, 14315-14332.	1.7	10
32	Synthesis of RhIII and IrIII Complexes Bearing Chelating Di-NHC Ligands Obtained from N9-Imidazolium-Substituted Adenine. Organometallics, 2020, 39, 344-352.	1.1	8
33	Dihalides of Sterically Constrained Tricyclic Phosphines, Lewis Acidity and Fluoride Affinity, Chloride Abstraction, and a Phosphonium Cation, Dimethylphosphorane. European Journal of Inorganic Chemistry, 2020, 2020, 361-369.	1.0	8
34	Templateâ€Controlled Synthesis of Polyimidazolium Salts by Multiple [2+2] Cycloaddition Reactions. Chemistry - A European Journal, 2020, 26, 11565-11570.	1.7	7
35	A Geometrically Constrained Tricyclic Phosphine: Coordination, Ring Expansion by Insertion of CO into a Pâ€“C Bond, and Lewis Acid Initiated Formation of an Oligocyclic Molecule with a P₂C₂₂ backbone. Organometallics, 2020, 39, 1384-1392.	1.1	8
36	Al/N-based active Lewis pairs: isocyanate insertion products as efficient nucleophiles employed for the facile generation of highly functional molecules. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 615-623.	0.3	0

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37	Pâ€“H Functionalized Al/P-Based Frustrated Lewis Pairs in Dipolar Activation and Hydrophosphination: Reactions with CO₂ and SO₂. Organometallics, 2019, 38, 2839-2852.	1.1	25
38	Aluminium Functionalized Germanes: Intramolecular Activation of Geâ€“H Bonds, Formation of a Dihydrogen Bond and Facile Hydrogermylation of Unsaturated Substrates. European Journal of Inorganic Chemistry, 2019, 2019, 3287-3300.	1.0	11
39	New Ga/Nâ€based Active Lewis Pairs, Trifunctional Gaâ€“Ga Compounds, Reactions with Cyanamide and Dual Insertion of Isocyanate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 1205-1214.	0.6	3
40	Amido Silicon Chalcogenide Compounds with Unprecedented Cluster Cores and Low Oxidation State Silicon Atoms. European Journal of Inorganic Chemistry, 2019, 2019, 4719-4726.	1.0	12
41	Reactions of a Silicon-Based Cyclic Silylone with Chalcogens. Inorganic Chemistry, 2019, 58, 13142-13149.	1.9	6
42	3Hâ€Phosphaallenes Revisited: Facile Synthesis by Hydroalumination of Alkynylphosphines and Î²â€Elimination, Stability and Trapping of Transient Species by Coordination to Transition Metal Atoms. Chemistry - A European Journal, 2019, 25, 4793-4807.	1.7	10
43	Copper(ii)-mediated base pairing involving the artificial nucleobase 3H-imidazo[4,5-f]quinolin-5-ol. Dalton Transactions, 2019, 48, 10505-10515.	1.6	13
44	Al/Pâ€•and Ga/Pâ€Based Frustrated Lewis Pairs and Electronically Unsaturated Substrates: Ring Cleavage and Ring Closure, Câ^'C and Câ^'N Bond Formation. Chemistry - A European Journal, 2019, 25, 9315-9325.	1.7	13
45	Amido Silicon Chalcogenide Compounds with Unprecedented Cluster Cores and Low Oxidation State Silicon Atoms. European Journal of Inorganic Chemistry, 2019, 2019, 4711-4711.	1.0	0
46	Formation of an NHC-stabilized heterocyclic housane and its isomerization into a cyclopentenyl anion analogue. Chemical Communications, 2019, 55, 12896-12899.	2.2	5
47	Facile Access to an NHCâ€Coordinated Silicon Ring Compound with a Si=N Group and a Twoâ€Coordinate Silicon Atom. Angewandte Chemie - International Edition, 2019, 58, 4395-4399.	7.2	31
48	Siliconâ€“Halogen Bond Activation in Mixed Si/Al Compounds and an Approach to Intramolecular Stabilized Silylium Ions. European Journal of Inorganic Chemistry, 2019, 2019, 693-711.	1.0	6
49	Metal-mediated base pairing in DNA involving the artificial nucleobase imidazole-4-carboxylate. Journal of Inorganic Biochemistry, 2019, 191, 85-93.	1.5	33
50	Synthese einer NHCâ€koordinierten Siliciumringverbindung mit Si=Nâ€Gruppe und einem zweifachkoordinierten Siliciumatom. Angewandte Chemie, 2019, 131, 4440-4444.	1.6	8
51	Carbaâ€closoâ€dodecaborates â€“ Synthesis, Structure, and Energetics. European Journal of Inorganic Chemistry, 2018, 2018, 2905-2914.	1.0	15
52	Reactions of an Aluminium/Phosphorus Frustrated Lewis Pair (FLP) with Î±,Î²â€Unsaturated Carbonyl Compounds: FLPs as Efficient Twoâ€Electron Reductants with the Formation of Enolates, a cisâ€Enediolate, and an Allene. Chemistry - A European Journal, 2018, 24, 12856-12868.	1.7	26
53	Supramolecular Chemistry Based on Frustrated Lewis Pairs â€“ Reactions of an Al/P FLP with Potassium Formate and Cesium Fluoride. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1469-1479.	0.6	7
54	Efficient Synthesis of a NHCâ€Coordinated Trisilacyclopropylidene and Its Coordination Behavior. Chemistry - A European Journal, 2018, 24, 10334-10338.	1.7	24

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55	Hydroalumination of Oligoalkynylgermanes and â€digermanes â€“ Reactions with Heterocumulenes by Alâ€“C or Geâ€“C Bond Activation and Formation of a Hexazenedialuminum Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 945-955.	0.6	11
56	A Pâ€“H functionalized Al/P-based frustrated Lewis pair â€“ hydrophosphination of nitriles, ring opening with cyclopropenones and evidence of Pî€C double bond formation. Dalton Transactions, 2018, 47, 8402-8417.	1.6	22
57	Small Molecule Activation with N,NRâ€MIC Platinum Complexes. Chemistry - A European Journal, 2017, 23, 5943-5947.	1.7	11
58	A Dimeric Gallium Hydrazide as an Active Lewis Pair â€“ Complexation and Activation of Me₂GaH and Various Heterocumulenes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 387-397.	0.6	12
59	Synthesis and Reactivity of Intramolecularly NHC-Stabilized Germylenes and Stannylenes. Organometallics, 2017, 36, 1001-1008.	1.1	15
60	Reactions of Al/P, Ga/P and Pâ€“H functionalized frustrated Lewis pairs with azides and a diazomethane â€“ formation of adducts and capture of nitrenes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 821-838.	0.3	17
61	Diradikaloid oder zwitterionischer Charakter: die ungesÃttigte Verbindung [Si₄{N(SiMe₃)Dipp}₄] mit gefaltetem Si₄â€Strukturmotiv. Angewandte Chemie, 2017, 129, 14054-14059.	1.6	17
62	Diradicaloid or Zwitterionic Character: The Nonâ€Tetrahedral Unsaturated Compound [Si₄{N(SiMe₃)Dipp}₄] with a Butterflyâ€type Si₄ Substructure. Angewandte Chemie - International Edition, 2017, 56, 13866-13871.	7.2	37
63	Reactions of a Ga/Pâ€Based Frustrated Lewis Pair with HX (X = F â€“ I), Heterocumulenes Râ€“NCY (Y = O, S) and Chalcogensâ€“Adduct Formation and Surprising Stability towards Protolysis. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1016-1029.	0.6	16
64	Platinum(II) and palladium(II) complexes of tridentate hydrazone-based ligands as selective guanine quadruplex binders. Journal of Inorganic Biochemistry, 2017, 175, 58-66.	1.5	7
65	Cooperative Activation of Isocyanates by Alâ€“Nâ€Based Active Lewis Pairs and the Generation of a C₅ Chain by Simultaneous Formation of Two Câ€“C Bonds. Chemistry - A European Journal, 2017, 23, 6129-6141.	1.7	15
66	Singleâ€Step Synthesis of Organometallic Molecular Squares from NR,NRâ€²,NRâ€²â€²,NRâ€²â€²â€²â€Substituted Benzobiscarbenes. Chemistry - A European Journal, 2017, 23, 5939-5942.	1.7	35
67	Reactivity of a Pâ€“H Functionalized Al/Pâ€Based Frustrated Lewis Pair â€“ Hydrophosphination versus Classic Adduct Formation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1978-1990.	0.6	10
68	Substitutions of PrP N-terminal histidine residues modulate scrapie disease pathogenesis and incubation time in transgenic mice. PLoS ONE, 2017, 12, e0188989.	1.1	11
69	Gold(III)-mediated cyclization of 2-hydrazinylquinolines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 527-533.	0.3	3
70	Extensive Experimental and Computational Study of Counterion Effect in the Reaction Mechanism of NHC-Gold(I)-Catalyzed Alkoxylation of Alkynes. Organometallics, 2016, 35, 641-654.	1.1	61
71	Ïƒâ€Bond Activation in Aluminiumâ€Functionalized Alkynylchlorogermanes: Facile Insertion of Isocyanate and Azide into Alâ€“C and Geâ€“Cl Bonds. European Journal of Inorganic Chemistry, 2016, 2016, 4170-4178.	1.0	6
72	Iridium(III) Complexes Bearing Chelating Bis-NHC Ligands and Their Application in the Catalytic Reduction of Imines. European Journal of Inorganic Chemistry, 2016, 2016, 4598-4603.	1.0	25

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73	Aluminum and Gallium Hydrazides as Active Lewis Pairs: Cooperative Câ€“H Bond Activation with Hâ€“Câ‰¡Câ€“Ph and Pentafluorobenzene. Organometallics, 2016, 35, 3701-3712.	1.1	30
74	Reaction of an Al/P-based frustrated Lewis pair with benzophenone: formation of adducts and aluminium alcoholates via Î²-hydride elimination. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 1043-1050.	0.3	12
75	Reactivity of a Monomeric Aluminium Hydrazide towards Isocyanates and Isothiocyanates: Active Lewis Pair Behaviour versus Classical Insertion Reactions. European Journal of Inorganic Chemistry, 2016, 2016, 2721-2730.	1.0	15
76	Hydroalumination of alkynyl-aminophosphines as a promising tool for the synthesis of unusual phosphines: Pâ€“N bond activation, a transient phosphaallene, a zwitterionic AlP₂C₂heterocycle and a masked Al/P-based frustrated Lewis pair. Dalton Transactions, 2016, 45, 2031-2043.	1.6	15
77	Functionalized alkynyl-chlorogermanes: hydrometallation, Geâ€“Cl bond activation, Geâ€“H bond formation and chlorine-tert-butyl exchange via a transient germyl cation. Dalton Transactions, 2016, 45, 6159-6174.	1.6	15
78	Protic N-Heterocyclic Germylenes and Stannylenes: Synthesis and Reactivity. Organometallics, 2015, 34, 2624-2631.	1.1	16
79	Chalcogen Capture by an Al/P-Based Frustrated Lewis Pair: Formation of Al-E-P Bridges and Intermolecular Telluriumâ€“Tellurium Interactions. Organometallics, 2015, 34, 2455-2462.	1.1	28
80	Regioselectivity of the C-Metalation of 6-Furylpurine: Importance of Directing Effects. Inorganic Chemistry, 2015, 54, 4183-4185.	1.9	9
81	Metal complexes of 6-pyrazolylpurine derivatives as models for metal-mediated base pairs. Journal of Inorganic Biochemistry, 2015, 153, 355-360.	1.5	16
82	Alkynyl functionalized Al/P-based frustrated Lewis pairs â€“ aluminium alkynide elimination and evidence for the formation of 3H-phosphaallenes [R-Pî€Cî€(H)-^tBu]. Dalton Transactions, 2015, 44, 12670-12679.	1.6	11
83	Unprecedented dinuclear silver(i)-mediated base pair involving the DNA lesion 1,N6-ethenoadenine. Dalton Transactions, 2015, 44, 3540-3543.	1.6	58
84	Synthesis of Complexes with Protic NH,NH-NHC Ligands via Oxidative Addition of 2-Halogenoazoles to Zero-Valent Transition Metals. Organometallics, 2014, 33, 6975-6987.	1.1	50
85	Treatment of the Digallium Compound R₂Gaâ€“GaR₂ [R = CH(SiMe₃)₂] with Functionalized Dicarboxylic Acids: Macrocycles, Hydrogen Bonding, and Sulfurâ€“Sulfur Closedâ€Shell Interactions. European Journal of Inorganic Chemistry, 2014, 2014, 3521-3526.	1.0	3
86	Hydrometallation (M = Al, Ga) of Silicon- and Germanium-centred Oligoalkynes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 1333-1347.	0.3	12
87	Synthesis of Nanometer-Sized Cylinder-Like Structures from a 1,3,5-Triphenylbenzene-Bridged Tris-NHC Ligand and Ag^I, Au^I, and Cu^I. Organometallics, 2014, 33, 6898-6904.	1.1	63
88	Hydrometallation of amino-trialkynylsilanes â€“ intramolecular Mâ€“N interactions (M = Al, Ga) and potential activation of Siâ€“N bonds. Dalton Transactions, 2014, 43, 14386-14398.	1.6	18
89	A Family of â€œClickâ€•Nucleosides for Metal-Mediated Base Pairing: Unravelling the Principles of Highly Stabilizing Metal-Mediated Base Pairs. Chemistry - A European Journal, 2014, 20, 7811-7818.	1.7	39
90	An Al/P-Based Frustrated Lewis Pair as an Efficient Ambiphilic Ligand: Coordination of Boron Trihalides, Rearrangement, and Formation of HBX2Complexes (X = Br, I). Inorganic Chemistry, 2014, 53, 8991-8999.	1.9	29

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91	Cooperative Geâ€“N Bond Activation in Hydrogallation Products of Alkynyl(diethylamino)germanes (Et2N)nGe(Câ‰¡CtBu)4â€“n. Organometallics, 2013, 32, 6770-6779.	1.1	25
92	6-Substituted purines containing thienyl or furyl substituents as artificial nucleobases for metal-mediated base pairing. Dalton Transactions, 2013, 42, 16080.	1.6	33
93	Heterobimetallic Carbene Complexes by a Single-Step Site-Selective Metalation of a Tricarbene Ligand. Journal of the American Chemical Society, 2013, 135, 4966-4969.	6.6	85
94	Synthesis of Cationic R₂P₅⁺ Cages and Subsequent Chalcogenation Reactions. Chemistry - A European Journal, 2013, 19, 9895-9907.	1.7	30
95	A Family of Hydrazoneâ€Based Nucleosides for Use in Metalâ€Mediated Base Pairs. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1621-1627.	0.6	9
96	Activation of Isocyanates and Carbon Dioxide by a Monomeric Aluminium Hydrazide as an Active Lewis Pair. Chemistry - A European Journal, 2013, 19, 13901-13909.	1.7	46
97	Formation of a [4.3.0]â€Bicyclic Aluminumâ€Phosphorus Compound with Annulated C₃P₂ and Al₂C₂PH Heterocycles and a 3câ€2e Alâ€“Hâ€“Al Bond. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1181-1184.	0.6	4
98	Hydroalumination versus Deprotonation of Alkynes with Sterically Demanding Substituents. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 503-517.	0.3	22
99	The missing link in the coordination chemistry of hydrazinesâ€”a hydrazinetriide [Nâ€“N(Me)]3â^' anion coordinated to five Al atoms. Chemical Communications, 2012, 48, 1799.	2.2	7
100	Alkynide and acetonitrile activation by strained AlPC2 heterocycles. Chemical Communications, 2012, 48, 9616.	2.2	22
101	Synthesis and Characterization of Rigid Ditopic N-Heterocyclic Benzobisgermylenes and -stannylenes. Organometallics, 2012, 31, 2078-2084.	1.1	34
102	Formation of Cationic [RP₅Cl]⁺-Cages via Insertion of [RPCl]⁺-Cations into a Pâ€“P Bond of the P₄ Tetrahedron. Inorganic Chemistry, 2012, 51, 3374-3387.	1.9	50
103	The Methylene-bridged Dialuminium Compound R₂Al-CH₂-AlR₂ [R=CH(SiMe₃)₂] as an Effective Chelating Lewis Acid â€“ Adducts with Halides, Perchlorate and Isopropylamide. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 1081-1090.	0.3	7
104	Hydroalumination and Hydrogallation Reactions with Tri(ethynyl)silanes â€“ Generation of Compounds with up to Three Coordinatively Unsaturated Aluminium Atoms. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 68-75.	0.6	26
105	Treatment of a Methyleneâ€Bridged Dialuminium Compound with Lithium Alkanides and Alkynides â€•Single vs. Twofold Terminal Coordination. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1746-1754.	0.6	7
106	Dimeric aluminumâ€“phosphorus compounds as masked frustrated Lewis pairs for small molecule activation. Dalton Transactions, 2012, 41, 9033.	1.6	130
107	A Unique Chlorineâ€“Methyl Exchange Reaction upon Treatment of Dichloroorganogallium Compounds, RGaCl₂, with the Bulky Alkyllithium Derivative LiC(SiMe₃)₃. Organometallics, 2011, 30, 3075-3082.	1.1	15
108	Synthesis of Rhodium(I) Complexes Bearing Bidentate NH,NR-NHC/Phosphine Ligands. Organometallics, 2011, 30, 5859-5866.	1.1	83

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109	Oligonuclear Gallium Nitrogen Cage Compounds: Molecular Intermediates on the Way from Gallium Hydrazides to Gallium Nitride. Inorganic Chemistry, 2011, 50, 325-335.	1.9	17
110	Supramolecular Structures from Polycarbene Ligands and Transition Metal Ions. Organometallics, 2011, 30, 334-347.	1.1	169
111	Palladium and Platinum Complexes of a Benzannulated N-Heterocyclic Plumbylene with an Unusual Bonding Mode. Journal of the American Chemical Society, 2011, 133, 11118-11120.	6.6	66
112	Unexpected Formation of Ga₄C₂H₄ Heteroadamantane Cages by the Reaction of Carbon-Bridged Bis(dichlorogallium) Compounds with tert-Butyllithium. Organometallics, 2011, 30, 4736-4741.	1.1	26
113	Reactions of the Tetraalkyldigallium Compound R₂Gaâ€“GaR₂ [R = CH(SiMe₃)₂] with Acidic Reagents, Retention vs. Cleavage of the Gaâ€“Ga Bond and Formation of Supramolecular Aggregates via Hydrogen Bonding. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1845-1852.	0.6	3
114	Vinylgallium and Alkyllithium Compounds: Transmetalation and Generation of Oligolithium Cages. Chemistry - A European Journal, 2011, 17, 13553-13561.	1.7	20
115	Neutral and Cationic Hydridoruthenium Tetrakiscarbene Complexes. European Journal of Inorganic Chemistry, 2010, 2010, 918-925.	1.0	27
116	Silver(I) and Mercury(II) Complexes with 1â€Methylâ€1,2,4â€triazole as Models for Metalâ€Mediated Base Pairs â€“ Formation of Discrete Complexes in Solution vs. Oneâ€• and Twoâ€Dimensional Coordination Polymers in the Solid State. European Journal of Inorganic Chemistry, 2010, 2010, 4859-4864.	1.0	13
117	Reaktionen der Digalliumverbindung R₂Gaâ€“GaR₂ [R = CH(SiMe₃)₂] mit Wasser und CarbonsÃuren â€“ Synthese von Î¼â€Hydroxoâ€Î¼â€carboxylatodigalliumâ€Verbindungen unter Erhalt der Gaâ€“Gaâ€Bindungen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1255-1262.	0.6	11
118	Hydroalumination and Hydrogallation of 1,2-Bis(trimethylsilylethynyl)benzene: Formation of Molecular Capsules and Câ^'C Bond Activation. Organometallics, 2010, 29, 1406-1412.	1.1	39
119	Câ‰¡C Triple Bond Activation by Heterocyclic Aluminum Phosphinides. Organometallics, 2010, 29, 1323-1330.	1.1	37
120	Synthesis, Characterization, and H-Bonding Abilities of Ruthenium(II) Complexes Bearing Bidentate NR,NH-Carbene/Phosphine Ligands. Organometallics, 2010, 29, 5283-5288.	1.1	114
121	Zwitterionic and cationic P5-clusters from four-membered phosphorusâ€“nitrogenâ€“metal heterocycles. Chemical Communications, 2010, 46, 6921.	2.2	39
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123	Treatment of Terminal Alkynes R-Câ‰¡C-H with Dialkylaluminum Hydrides: Hydroalumination versus Deprotonation. European Journal of Inorganic Chemistry, 2009, 2009, 3307-3316.	1.0	34
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