Norbert W Mitzel

List of Publications by Year
in descending order

314 papers	5,522 citations	117625 34 h-index	197818 49 g-index
332 all docs	332 docs citations	332 times ranked	3114 citing authors

#	Article	IF	Citations
1	Monitoring dynamic pre-crystallization aggregation processes in solution by VT-DOSY-NMR spectroscopy. Chemical Communications, 2022, 58, 3465-3468.	4.1	5
2	Synthesis of Bifunctional Boronâ€Lewis Acids â€“ Thorough Investigation of the Adduct Formation with Pyrimidine. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	0
3	Synthesis, structural and photophysical properties of dimethylphosphino(perfluoro-)phenylene-based gold(i) dimers. Dalton Transactions, 2022, 51, 1955-1967.	3.3	4
4	Frustrated Lewis pair chemistry of hydride sponges. Dalton Transactions, 2022, 51, 6547-6564.	3.3	2
5	Synthesis of a bifunctional boron-Lewis acid and studies on host-guest chemistry using pyridine and TMPD. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2022, 77, 141-148.	0.7	0
6	Host-guest chemistry of a bidentate silyl-triflate bis-Lewis acid â€“ complex complexation behaviour unravelled by diffusion NMR spectroscopy. Dalton Transactions, 2022, 51, 7164-7173.	3.3	3
7	para-Chlorotetrafluorophenyl-boranes â€“ syntheses and structures of a series of mono- and bidentate Lewis acids. Dalton Transactions, 2022, 51, 6565-6575.	3.3	1
8	Noncovalent Synergy: Aurophilicity and Aryl Stacking in Bis(gold(I)aryl)-dmpm Complexes. Inorganic Chemistry, 2022, 61, 11325-11334.	4.0	3
9	Chaliceâ€Type Tridentate Silicon Lewis Acids of C 3 Symmetry in a Single Step Starting from Hexadehydrotribenzo[12]annulene. Chemistry - A European Journal, 2021, 27, 1821-1828.	3.3	6
10	The Nature of Chalcogenâ€Bondingâ€Type Telluriumâ€“Nitrogen Interactions: A First Experimental Structure from the Gas Phase. Angewandte Chemie - International Edition, 2021, 60, 1519-1523.	13.8	23
11	Exploring the Reactivity of a Frustrated Sn/P Lewis Pair: The Highly Selective Complexation of the cisâ€Azobenzene Photoisomer. Chemistry - A European Journal, 2021, 27, 3793-3798.	3.3	14
12	Die Natur der Tellurâ€Stickstoffâ€Wechselwirkungen vom Chalkogenâ€Bindungsâ€Typ: eine erste experimentelle Gasphasenâ€Struktur. Angewandte Chemie, 2021, 133, 1542-1546.	2.0	8
13	Gasâ€Phase Structures of Potassium Tetrakis(hexafluoroâ€acetylacetonato) Lanthanide(III) Complexes [KLn(C₅HF₆O₂)₄] (Ln=La, Gd, Lu). Chemistry - A European Journal, 2021, 27, 1103-1112.	3.3	3
14	Reply to a Comment on â€œThe Nature of Chalcogenâ€Bondingâ€Type Telluriumâ€“Nitrogen Interactionsâ€• Angewandte Chemie - International Edition, 2021, 60, 13150-13157.	13.8	8
15	Reply to a Comment on â€œThe Nature of Chalcogenâ€Bondingâ€Type Telluriumâ€“Nitrogen Interactionsâ€• Angewandte Chemie, 2021, 133, 13258-13265.	2.0	1
16	Siliconâ€Bridged Biâ€and Tridentate Lewis Acidic Host Systems. European Journal of Inorganic Chemistry, 2021, 2021, 3265-3271.	2.0	4
17	Hexadentate Polyâ€Lewis Acids Based on 1,3,5â€Trisilacyclohexane. European Journal of Inorganic Chemistry, 2021, 2021, 3083-3090.	2.0	6
18	Synthesis of Directed, Tridentate Lewis Acids Based on a Trisilacyclohexaneâ€Backbone via Hydrosilylation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1967-1972.	1.2	3

#	Article	IF	Citations
19	Hydrogen-bond-induced selectivity of a head-to-head photo-dimerisation of dialkynylanthracene â€“ access to tetradentate Lewis acids. Chemical Science, 2021, 12, 7943-7952.	7.4	8
20	Bidentate Lewis Acids Derived from oâ€Diethynylbenzene with Group 13â€‰and 14 Functions. ChemistryOpen, 2021, 10, 1020-1027.	1.9	3
21	Coâ€Crystal Formation of Partially Fluorinated 1,3,5â€Tris(phenylethynyl)benzenes. ChemistryOpen, 2021, 10, 1059-1066.	1.9	2
22	The Structure of Bis(catecholato)silanes: Phase Adaptation by Dynamic Covalent Chemistry of the Siâ€“O Bond. Journal of the American Chemical Society, 2021, 143, 18784-18793.	13.7	31
23	Very close Iâ‹¯As and Iâ‹¯Sb interactions in trimethylpnictogen-pentafluoroiodobenzene cocrystals. CrystEngComm, 2021, 24, 70-76.	2.6	4
24	Arylâ€“Aryl Interactions in (Arylâ€Perhalogenated) 1,2â€Diaryldisilanes. Chemistry - A European Journal, 2020, 26, 2169-2173.	3.3	17
25	A Zwitterionic Phosphonium Stannate(II) via Hydrogen Splitting by a Sn/P Frustrated Lewisâ€Pair and Reductive Elimination. Chemistry - A European Journal, 2020, 26, 17381-17385.	3.3	12
26	Structure, conformational properties and matrix photochemistry of S-(tert-butyl)trifluorothioacetate CF₃C(O)SC(CH₃)₃. New Journal of Chemistry, 2020, 44, 14568-14577.	2.8	3
27	Structures and Properties of transâ€1,3,3,3â€Tetrafluoroâ€propene (HFOâ€1234ze) and 2,3,3,3â€Tetrafluoropropene (HFOâ€1234yf) Refrigerants. ChemistryOpen, 2020, 9, 921-928.	1.9	5
28	Bromination Mechanism of closoâ€1,2â€C₂B₁₀H₁₂ and the Structure of the Resulting 9â€Brâ€closoâ€1,2â€C₂B₁₀H₁₁ Determined by Gas Electron Diffraction. ChemPlusChem, 2020, 85, 2606-2610.	2.8	6
29	Interâ€and Intramolecular Arylâ€“Aryl Interactions in Partially Fluorinated Ethylenedioxyâ€bridged Bisarenes**. Chemistry - A European Journal, 2020, 26, 16111-16121.	3.3	9
30	Spectroscopic Properties, Conformation and Structure of Difluorothiophosphoryl Isocyanate in the Gaseous and Solid Phase. ChemistryOpen, 2020, 9, 913-920.	1.9	2
31	Ein Schwefelmonoxidâ€Addukt eines frustrierten Sn/Pâ€Lewisâ€Paares. Angewandte Chemie, 2020, 132, 17541-17545.	2.0	3
32	An Adduct of Sulfur Monoxide to a Frustrated Sn/P Lewis Pair. Angewandte Chemie - International Edition, 2020, 59, 17388-17392.	13.8	15
33	Molecules Forced to Interact: Benzene and Pentafluoroiodobenzene. Crystal Growth and Design, 2020, 20, 3217-3223.	3.0	6
34	London dispersion-driven hetero-arylâ€“aryl interactions in 1,2-diaryldisilanes. Chemical Communications, 2020, 56, 2252-2255.	4.1	10
35	Small Neutral Geminal Silicon/Phosphorus Frustrated Lewis Pairs. European Journal of Inorganic Chemistry, 2019, 2019, 3933-3939.	2.0	13
36	FestkÃ¶rperâ€und Gasphasenstrukturen sowie energetische Eigenschaften des gefÃ¤hrlichen Methylâ€und Fluormethylnitrats. Angewandte Chemie, 2019, 131, 18730-18734.	2.0	5

#	Article	IF	Citations
37	Solidâ€State and Gasâ€Phase Structures and Energetic Properties of the Dangerous Methyl and Fluoromethyl Nitrates. Angewandte Chemie - International Edition, 2019, 58, 18557-18561.	13.8	16
38	The nature of interactions of benzene with CF₃I and CF₃CH₂I. Chemical Communications, 2019, 55, 175-178.	4.1	9
39	Halogen Bonds of Halotetrafluoropyridines in Crystals and Coâ€crystals with Benzene and Pyridine. Chemistry - A European Journal, 2019, 25, 7339-7350.	3.3	14
40	A Neutral Germanium/Phosphorus Frustrated Lewis Pair and Its Contrasting Reactivity Compared to Its Silicon Analogue. Chemistry - A European Journal, 2019, 25, 5899-5903.	3.3	39
41	A Rational Approach to Tetraâ€Functional Photoâ€Switches. ChemistryOpen, 2019, 8, 304-315.	1.9	3
42	Trifunctional organometallic frameworks and cages based on all-cis-1,3,5-triethynyl-1,3,5-trisilacyclohexanes. Chemical Communications, 2019, 55, 4985-4988.	4.1	4
43	Ein neutrales geminales frustriertes Zinn/Phosphorâ€Lewisâ€Paar. Angewandte Chemie, 2019, 131, 5168-5172.	2.0	18
44	Aurophilicity in action: stepwise formation of dinuclear Au(<scp>i</scp>) macrocycles with rigid 1,8-dialkynylanthracenes. Dalton Transactions, 2019, 48, 4109-4113.	3.3	7
45	A Neutral Geminal Tin/Phosphorus Frustrated Lewis Pair. Angewandte Chemie - International Edition, 2019, 58, 5114-5118.	13.8	52
46	ZweizÃhnige Borâ€Lewisâ€SÄuren und ihre SelektivitÄt in der Wirtâ€Gastâ€Komplexbildung. Angewandte Chemie, 2019, 131, 1985-1990.	2.0	7
47	Bidentate Boron Lewis Acids: Selectivity in Hostâ€“Guest Complex Formation. Angewandte Chemie - International Edition, 2019, 58, 1965-1969.	13.8	24
48	1,8,10-Substituted Anthracenes â€“ Hexafunctional Frameworks via Head-to-Tail Photodimerisation. Synthesis, 2019, 51, 1623-1632.	2.3	3
49	Icosahedral Carbaboranes with Peripheral Hydrogenâ€“Chalcogenide Groups: Structures from Gas Electron Diffraction and Chemical Shielding in Solution. Chemistry - A European Journal, 2019, 25, 2313-2321.	3.3	16
50	Diversity of aggregation motifs in gold(i) dithiocarboxylate complexes. Dalton Transactions, 2018, 47, 4701-4706.	3.3	5
51	Tridentate Lewis Acids: Siliconâ€Functionalised 1,3,5â€Triethynylbenzene and 1,3,5â€Trivinylbenzene. European Journal of Inorganic Chemistry, 2018, 2018, 2533-2540.	2.0	12
52	Improved Access to 1,8-Dichloro-10-(ethynyl)anthracene: A Useful Building Block for (Semi-)rigid Organic Frameworks. Synthesis, 2018, 50, 2009-2018.	2.3	1
53	Dithiocarboxylic Acids: An Old Theme Revisited and Augmented by New Preparative, Spectroscopic and Structural Facts. Chemistry - A European Journal, 2018, 24, 2626-2633.	3.3	19
54	Disulfuryl Dichloride ClSO₂OSO₂Cl: A Conformation and Polymorphism Chameleon. Chemistry - A European Journal, 2018, 24, 10409-10421.	3.3	4

#	Article	IF	Citations
55	Regiochemical Control in Triptycene Formationâ€"An Exercise in Subtle Balancing Multiple Factors. ChemistryOpen, 2018, 7, 111-114.	1.9	6
56	Silver(i) dithiocarboxylate complexes â€“ clustering and aggregation. Dalton Transactions, 2018, 47, 6036-6040.	3.3	1
57	Preparation and Properties of Chlorosulfuryl Chloroformate, ClC(O)OSO₂Cl. Inorganic Chemistry, 2018, 57, 14834-14842.	4.0	1
58	1,4,5,8â€Tetraethynylanthracene â€“ Synthesis, UV/Vis Absorption Spectroscopy and its Application as Building Block for Tetradentate Acceptor Molecules. European Journal of Organic Chemistry, 2018, 2018, 6780-6786.	2.4	4
59	Syntheses and Structures of 1,8,13,16â€Substituted Triptycenes. European Journal of Organic Chemistry, 2018, 2018, 5323-5333.	2.4	7
60	Fluorescent Heteroleptic Zirconium and Hafnium Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1091-1095.	1.2	1
61	Fluorescent phenoxy benzoxazole complexes of zirconium and hafnium: synthesis, structure and photo-physical behaviour. Dalton Transactions, 2018, 47, 11245-11252.	3.3	9
62	The perfluorinated alcohols c-C₆F₁₁OH, c-C₆F₁₀-1,1-(OH)₂ and c-C₆F₁₀-1-(CF₃)OH. Chemical Communications, 2018, 54, 9294-9297.	4.1	4
63	Syntheses, Solid State Structures and Photochemistry of Î±,Ï‰-Bis-[(1,8-dichloroanthracen-10-yl)dimethylsilyl]alkanes. Synthesis, 2018, 50, 3041-3047.	2.3	1
64	Conformation and Structure of Dichlorophosphoryl Isocyanate in the Gaseous and Solid Phases. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1415-1422.	1.2	2
65	Gas and crystal structures of CCl2FSCN. Journal of Molecular Structure, 2017, 1132, 175-180.	3.6	11
66	Fluoride complexation by bidentate silicon Lewis acids. Dalton Transactions, 2017, 46, 1898-1913.	3.3	28
67	Tridentate Lewis-acids based on triphenylsilane. Dalton Transactions, 2017, 46, 1645-1659.	3.3	22
68	Dynamic Exchange in Intramolecular Lewis Pairs with Multiple Lewis-Acidic Functions. Organometallics, 2017, 36, 742-749.	2.3	9
69	Von zweizÃhnigen Galliumâ€Lewisâ€SÃuren zu supramolekularen Komplexen. Angewandte Chemie, 2017, 129, 6203-6207.	2.0	16
70	From Bidentate Gallium Lewis Acids to Supramolecular Complexes. Angewandte Chemie - International Edition, 2017, 56, 6107-6111.	13.8	26
71	Gas-phase structure of 1,8-bis[(trimethylsilyl)ethynyl]anthracene: cog-wheel-type vs. independent internal rotation and influence of dispersion interactions. Physical Chemistry Chemical Physics, 2017, 19, 13093-13100.	2.8	10
72	Tris(perfluorotolyl)boraneâ€"A Boron Lewis Superacid. Angewandte Chemie - International Edition, 2017, 56, 8578-8582.	13.8	66

#	Article	IF	Citations
73	Tetranitromethan â€“ ein Albtraum molekularer FlexibilitÃt in Gasphase und FestkÃ¶rper. Angewandte Chemie, 2017, 129, 9748-9752.	2.0	7
74	Tetranitromethane: A Nightmare of Molecular Flexibility in the Gaseous and Solid States. Angewandte Chemie - International Edition, 2017, 56, 9619-9623.	13.8	18
75	One-pot desilylation-Sonogashira coupling. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 489-495.	0.7	2
76	RÃ¼cktitelbild: Von zweizÃhnigen Galliumâ€Lewisâ€SÃuren zu supramolekularen Komplexen (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlo	2.0	0
77	Methylene-bridged, intramolecular donorâ€“acceptor systems based on rare-earth metals and phosphinomethanides. Dalton Transactions, 2017, 46, 5326-5336.	3.3	14
78	Poly-Lewis-acids based on bowl-shaped tribenzotriquinacene. Dalton Transactions, 2017, 46, 1112-1123.	3.3	19
79	Intramolecular London Dispersion Interaction Effects on Gas-Phase and Solid-State Structures of Diamondoid Dimers. Journal of the American Chemical Society, 2017, 139, 16696-16707.	13.7	62
80	Titelbild: Tetranitromethan â€“ ein Albtraum molekularer FlexibilitÃt in Gasphase und FestkÃ¶rper (Angew. Chem. 32/2017). Angewandte Chemie, 2017, 129, 9371-9371.	2.0	1
81	Cationic, Methylene-Bridged, Intramolecular Donor-Acceptor Systems Based on Zirconium and Hafnium and Phosphino-methanides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 909-915.	1.2	7
82	Tris(perfluortolyl)boran â€“ eine Borâ€Lewisâ€SupersÃure. Angewandte Chemie, 2017, 129, 8701-8705.	2.0	27
83	Intramolecular Ï€â€“Ï€ Interactions in Flexibly Linked Partially Fluorinated Bisarenes in the Gas Phase. Angewandte Chemie - International Edition, 2017, 56, 13259-13263.	13.8	23
84	Bi- and tridentate silicon-based acceptor molecules. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 383-391.	0.7	8
85	Intramolekulare Ï€â€Ï€â€Wechselwirkungen in flexibel verbrÃ¼ckten, teilweise fluorierten Bisarenen in der Gasphase. Angewandte Chemie, 2017, 129, 13443-13447.	2.0	7
86	Structural Analysis of Perfluoropropanoyl Fluoride in the Gas, Liquid, and Solid Phases. Journal of Physical Chemistry A, 2016, 120, 2420-2430.	2.5	4
87	Intramolecular Lewis pairs with two acid sites â€“ reactivity differences between P- and N-based systems. Dalton Transactions, 2016, 45, 17319-17328.	3.3	16
88	Structure and bonding of 2,2,2-trichloroethylacetate: An experimental gas phase and computational study. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 1253-1260.	0.7	1
89	Dichlorophosphanyl isocyanate â€“ spectroscopy, conformation and molecular structure in the gas phase and the solid state. Physical Chemistry Chemical Physics, 2016, 18, 26245-26253.	2.8	12
90	Intramolecular cooperativity in frustrated Lewis pairs. Chemical Communications, 2016, 52, 9949-9952.	4.1	22

#	Article	IF	Citations
91	Carbonyl Diisocyanate CO(NCO)₂: Synthesis and Structures in Solid State and Gas Phase. Journal of Physical Chemistry A, 2016, 120, 4534-4541.	2.5	17
92	Structures of Trichloromethyl Thiocyanate, CCl₃SCN, in Gaseous and Crystalline State. ChemPhysChem, 2016, 17, 1463-1467.	2.1	11
93	Tridentate Lewis Acids: Boron-, Silicon- and Gallium-Functionalised Tris(dimethylsilyl)methanes. European Journal of Inorganic Chemistry, 2016, 2016, 1257-1266.	2.0	13
94	Dendrimers with 1, 3, 5â€Trisilacyclohexane as Core Unit. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 329-334.	1.2	8
95	Improved synthesis and crystal structure of the parent 1,3,5-trisilacyclohexane. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 77-79.	0.7	4
96	1,3,5-Tris[(trimethylstannyl)ethynyl]- 1,3,5-trimethyl-1,3,5-trisilacyclohexane. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 81-84.	0.7	5
97	Tridentate Lewis acids with phenyl substituted 1,3,5-trisilacyclohexane backbones. Dalton Transactions, 2016, 45, 198-207.	3.3	18
98	Gas electron diffraction of increased performance through optimization of nozzle, system design and digital control. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 1-13.	0.7	25
99	Gas-phase structure of 2,2,2-trichloroethyl chloroformate studied by electron diffraction and quantum-chemical calculations. Physical Chemistry Chemical Physics, 2016, 18, 393-402.	2.8	5
100	Tridentate Lewis Acids Based on 1,3,5â€Trisilacyclohexane Backbones and an Example of Their Hostâ€“Guest Chemistry. Chemistry - A European Journal, 2015, 21, 12436-12448.	3.3	32
101	A Neutral Silicon/Phosphorus Frustrated Lewis Pair. Angewandte Chemie - International Edition, 2015, 54, 13416-13419.	13.8	75
102	The Structure and Conformation of (CH₃)₃CSNO. Chemistry - A European Journal, 2015, 21, 10436-10442.	3.3	11
103	Trimethylaluminum: Bonding by Charge and Current Topology. Angewandte Chemie - International Edition, 2015, 54, 13816-13820.	13.8	23
104	Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 203-206.	0.7	2
105	A diethylhydroxylaminate based mixed lithium/beryllium aggregate. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 279-282.	0.7	4
106	Hemi- and holo-directed lead(<scp>ii</scp>) complexes in a soft ligand environment. Dalton Transactions, 2015, 44, 924-937.	3.3	29
107	Conformational composition, molecular structure and decomposition of difluorophosphoryl azide in the gas phase. Physical Chemistry Chemical Physics, 2015, 17, 8784-8791.	2.8	15
108	Pentafluoroethyl-substituted Î±-silanes: model compounds for new insights. Dalton Transactions, 2015, 44, 13347-13358.	3.3	23

#	Article	IF	Citations
109	Gas-phase structure and conformations of copper(II) 2,9,16,23-tetra-tert-butyl phthalocyanine. Structural Chemistry, 2015, 26, 1531-1541.	2.0	3
110	1,8-Bis(phenylethynyl)anthracene â€“ gas and solid phase structures. Organic and Biomolecular Chemistry, 2015, 13, 8893-8905.	2.8	12
111	Intramolecular pyridine-based frustrated Lewis-pairs. Dalton Transactions, 2015, 44, 9992-10002.	3.3	17
112	Influence of Antipodally Coupled Iodine and Carbon Atoms on the Cage Structure of 9,12-I₂-closo-1,2-C₂B₁₀H₁₀: An Electron Diffraction and Computational Study. Inorganic Chemistry, 2015, 54, 11868-11874.	4.0	13
113	Synthesis and Characterization of 1,2,3,4,5-Pentafluoroferrocene. Journal of the American Chemical Society, 2015, 137, 126-129.	13.7	42
114	Conformational Properties of Ethyl- and 2,2,2-Trifluoroethyl Thionitrites, (CX3CH2SNO, X = H and F). Journal of Physical Chemistry A, 2015, 119, 1524-1533.	2.5	7
115	Syntheses and Structures of 10â€Trimethylelementâ€Substituted 1,8â€Dichloroanthracenes. European Journal of Inorganic Chemistry, 2014, 2014, 941-947.	2.0	9
116	Reactivity Consequences of Substituentâ€Dependent Preaggregation Motifs of nâ€•and tertâ€Butyllithium towards 1,3,5â€Triazacyclohexanes. European Journal of Inorganic Chemistry, 2014, 2014, 46-50.	2.0	8
117	Polyâ€Boron, â€Silicon, and â€Gallium Lewis Acids by Hydrometallation of 1,5â€•and 1,8â€Dialkynylanthracenes. European Journal of Inorganic Chemistry, 2014, 2014, 4294-4301.	2.0	31
118	Dicationic Methyl Complexes of the Rare-Earth Elements. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 327-331.	0.7	5
119	Carbene complexes of phosphorus(<scp>v</scp>) fluorides substituted with perfluoroalkyl-groups synthesized by oxidative addition. Cleavage of the complexes reveals a new synthetic protocol for ionic liquids. Dalton Transactions, 2014, 43, 2979-2987.	3.3	15
120	Lanthanoid Tetramethylaluminates and Their Paramagnetic NMR Parameters. European Journal of Inorganic Chemistry, 2014, 2014, 51-57.	2.0	10
121	Synthesis, structural and photo-physical studies of bismuth(<scp>iii</scp>) complexes with Janus scorpionate and co-ligands. Dalton Transactions, 2014, 43, 10956-10968.	3.3	10
122	Borate-based ligands with two soft heterocycle/thione groups and their sodium and bismuth complexes. Dalton Transactions, 2014, 43, 1267-1278.	3.3	36
123	Polyalkynylanthracenes â€“ syntheses, structures and their behaviour towards UV irradiation. Organic and Biomolecular Chemistry, 2014, 12, 7355-7365.	2.8	29
124	Boron-centered soft ligands based on tetrazole units and their complexes with sodium, potassium and bismuth ions. Dalton Transactions, 2014, 43, 14737-14748.	3.3	13
125	Mechanism of Hostâ€“Guest Complex Formation and Identification of Intermediates through NMR Titration and Diffusion NMR Spectroscopy. Angewandte Chemie - International Edition, 2014, 53, 7938-7942.	13.8	47
126	Halogenotrinitromethanes: A Combined Study in the Crystalline and Gaseous Phase and Using Quantum Chemical Methods. Chemistry - A European Journal, 2014, 20, 12962-12973.	3.3	15

#	Article	IF	Citations
127	Solidâ€State Structure of a Li/F Carbenoid: Pentafluoroethyllithium. Angewandte Chemie - International Edition, 2014, 53, 11640-11644.	13.8	40
128	Alkynyl Compounds of the Rareâ€earth Metals. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2484-2491.	1.2	13
129	B=N Bonds and BCN Rings â€“ Reactivity and Charge Density Studies. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2086-2095.	1.2	14
130	The versatile behaviour of a novel Janus scorpionate ligand towards sodium, potassium and bismuth(iii) ions. Dalton Transactions, 2013, 42, 15785.	3.3	24
131	Charge density studies on 2,3,5,6-tetrafluoro- and pentafluoropyridine. CrystEngComm, 2013, 15, 3536.	2.6	13
132	Spectroscopic Characterization and Constitutional and Rotational Isomerism of ClC(O)SCN and ClC(O)NCS. Journal of Physical Chemistry A, 2013, 117, 2383-2399.	2.5	6
133	Rareâ€Earthâ€Metal Dialkynyl Dimethyl Aluminates. Chemistry - A European Journal, 2013, 19, 8268-8275.	3.3	10
134	Chlorodifluoroacetyl Isothiocyanate, ClF₂CC(O)NCS: Preparation and Structural and Spectroscopic Studies. Journal of Physical Chemistry A, 2013, 117, 5597-5606.	2.5	8
135	Structures of Energetic Acetylene Derivatives HCâ‰¡CCH2ONO2, (NO2)3CCH2Câ‰¡CCH2C(NO2)3 and Trinitroethane, (NO2)3CCH3. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 719-731.	0.7	9
136	Functionalized Bis(pentafluoroethyl)phosphanes: Improved Syntheses and Molecular Structures in the Gas Phase. European Journal of Inorganic Chemistry, 2013, 2013, 3392-3404.	2.0	24
137	An Intramolecular Boron Nitrogen Lewis Acid Base Pair on a Rigid Naphthyl Backbone. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 589-593.	0.7	5
138	Bis(Î¼-diisopropylhydoxylaminato)-Îº2O:N;Îº2O:O-bis[(diisopropylhydoxylaminato-ÎºO)beryllium]. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1463-m1463.	0.2	2
139	Reactions of substituted pyridines with electrophilic boranes. Dalton Transactions, 2012, 41, 2131-2139.	3.3	14
140	Chlorodifluoroacetyl Isocyanate, ClF₂CC(O)NCO: Preparation and Structural and Spectroscopic Studies. Journal of Physical Chemistry A, 2012, 116, 11586-11595.	2.5	13
141	Silanetriols in the gas phase: single molecules vs. hydrogen-bonded dimers. Dalton Transactions, 2012, 41, 3630-3632.	3.3	10
142	Bis(tetrafluorophenyl)borane. Dalton Transactions, 2012, 41, 8609.	3.3	17
143	Relativistic effects in triphenylbismuth and their influence on molecular structure and spectroscopic properties. Physical Chemistry Chemical Physics, 2012, 14, 15520.	2.8	35
144	Intramolecular Lewis acidâ€“base pairs based on 4-ethynyl-2,6-lutidine. Dalton Transactions, 2012, 41, 9143.	3.3	18

#	Article	IF	Citations
145	Silylation products of cyclic tri-aminal carbanions and their lithiation. Dalton Transactions, 2012, 41, 104-111.	3.3	9
146	Complex Formation of Calcium Bis(tetraethylaluminate) with N-Donor Ligands. European Journal of Inorganic Chemistry, 2012, 2012, 4200-4209.	2.0	8
147	Structure and Bonding Nature of the Strained Lewis Acid 3â€Methylâ€1â€boraadamantane: A Case Study Employing a New Dataâ€Analysis Procedure in Gas Electron Diffraction. Chemistry - A European Journal, 2012, 18, 10585-10594.	3.3	32
148	Inherent Stability Limits of Intramolecular Boron Nitrogen Lewis Acidâ€“Base Pairs. Chemistry - A European Journal, 2012, 18, 9312-9320.	3.3	12
149	Molecular structure and conformational preferences of gaseous 1-iodo-1-silacyclohexane. Journal of Molecular Structure, 2012, 1012, 126-130.	3.6	27
150	The perfluorinated alcohols (F5C6)(F3C)2COH and (F5C6)(F10C5)COH: synthesis, theoretical and acidity studies, spectroscopy and structures in the solid state and the gas phase. Physical Chemistry Chemical Physics, 2011, 13, 6184.	2.8	6
151	Organozinc hydroxylamides: on the bulk-dependent interplay of nuclearity, structure and dynamics. Dalton Transactions, 2011, 40, 1144-1157.	3.3	4
152	Chlorodifluoroacetyl Cyanide, ClF2CC(O)CN: Synthesis, Structure, and Spectroscopic Characterization. Inorganic Chemistry, 2011, 50, 9650-9659.	4.0	6
153	Structure and Conformational Properties of Azido(difluoro)phosphane, F₂PN₃. European Journal of Inorganic Chemistry, 2011, 2011, 895-905.	2.0	7
154	Subtle Size Effects in Câ€“H Activation Reactions of Lanthanum and Praseodymium Tetramethylaluminates by Neutral Trinitrogen Bases. European Journal of Inorganic Chemistry, 2011, 2011, 3791-3796.	2.0	20
155	Substituent Size Effects in Lewis Base Induced Reductions in Organolanthanide Chemistry. Chemistry - A European Journal, 2011, 17, 6239-6247.	3.3	33
156	Chlorobis(pentafluoroethyl)phosphane: Improved Synthesis and Molecular Structure in the Gas Phase. Chemistry - A European Journal, 2011, 17, 3968-3976.	3.3	9
157	Cï£¿H Activation versus Yttriumâ€“Methyl Cation Formation from [Y(AlMe₄)₃] Induced by Cyclic Polynitrogen Bases: Solvent and Substituentâ€Size Effects. Chemistry - A European Journal, 2011, 17, 6248-6255.	3.3	33
158	First Solidâ€State Structures of Real Diorganyl Phosphinous Acids R₂POH (R=CF₃, C₂F₅). Chemistry - A European Journal, 2011, 17, 13420-13423.	3.3	15
159	Molecular Neodymium and Yttrium Cations with the N,N-Bis[2-(pyrid-2-yl)ethyl]hydroxylaminato Ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 1279-1283.	0.7	1
160	AlMe₃, GaMe₃ and InMe₃ Adducts of N,Nâ€Bis(2â€{pyridâ€2â€yl}ethyl)hydroxylaminato Rareâ€Earth Metal Complexes and Their Molecular Dynamics. European Journal of Inorganic Chemistry, 2010, 2010, 2774-2786.	2.0	7
161	fac-Ir(ppy)3: Structures in the Gas-Phase and of a New Solid Modification. European Journal of Inorganic Chemistry, 2010, 2010, 1613-1617.	2.0	32
162	The Effect of Bulky Substituents on the Formation of Symmetrically Trisubstituted Triptycenes. European Journal of Organic Chemistry, 2010, 2010, 3897-3907.	2.4	22

#	Article	IF	Citations
163	Dialkylaluminiumâ€, â€Galliumâ€, and â€Indiumâ€Based Polyâ€Lewis Acids with a 1,8â€Diethynylanthracene Backbone. Chemistry - A European Journal, 2010, 16, 11906-11914.	3.3	46
164	Lewis Base Induced Reductions in Organolanthanide Chemistry. Angewandte Chemie - International Edition, 2010, 49, 2611-2614.	13.8	35
165	Reinvestigation of the gas-phase structure of tris(trifluoromethyl)arsine. Journal of Molecular Structure, 2010, 978, 205-208.	3.6	2
166	On the Molecular and Electronic Structures of AsP₃and P₄. Journal of the American Chemical Society, 2010, 132, 8459-8465.	13.7	65
167	A Chain Aggregate of Methyllithium Tetramers. Organometallics, 2010, 29, 4746-4748.	2.3	13
168	Cationic rare-earth-metal methyl complexes: a new preparative access exemplified for Y and Pr. Dalton Transactions, 2010, 39, 6753.	3.3	24
169	The keto/enol tautomerism in acetoacetyl fluoride: properties, spectroscopy, and gas-phase and crystal structures of the enol form. Physical Chemistry Chemical Physics, 2010, 12, 11445.	2.8	12
170	Trinuclear pyridyl functionalised hydroxylaminato complexes of aluminium, gallium and indium. Dalton Transactions, 2010, 39, 7073.	3.3	5
171	Three different product types from reactions of lithiated cyclic aminals with trivalent organometal chlorides. Chemical Communications, 2010, 46, 6536.	4.1	10
172	Stepwise assembly of a bis-hydroxylaminato galliumâ€“indium complex. Dalton Transactions, 2010, 39, 66-69.	3.3	5
173	Sila-Substitution of Alkyl Nitrates: Synthesis, Structural Characterization, and Sensitivity Studies of Highly Explosive (Nitratomethyl)-, Bis(nitratomethyl)-, and Tris(nitratomethyl)silanes and Their Corresponding Carbon Analogues. Inorganic Chemistry, 2010, 49, 4865-4880.	4.0	21
174	Molecular structure of tris(pentafluoroethyl)phosphane P(C2F5)3. Dalton Transactions, 2010, 39, 5630.	3.3	13
175	Trifluoromethylated Compounds with SiNN and SiON Backbone, and the Crystal Structures of Trimethyl- and Trichloro(trifluoromethyl)silane. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 83-92.	0.7	1
176	A Coordination Polymer of Bis-[2-(dimethylamino)ethanolato]dimethylsilane with a Lithium Chloride Dimer. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 343-346.	0.7	0
177	An Organozinc Hydrazide-Thiolate Aggregate with a Zn3N4S2 Core. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 339-342.	0.7	2
178	Structural Variations and Molecular Dynamics of Rareâ€Earth Metal Complexes with the N,Nâ€Bis(2â€{pyridâ€2â€yl}ethyl)hydroxylaminato Ligand. Chemistry - A European Journal, 2009, 15, 11701-11709.	3.3	13
179	Variations in the Mechanisms of Direct Metallation of Cyclic and Acyclic Aminals. Chemistry - A European Journal, 2009, 15, 11123-11127.	3.3	17
180	Silylated Tetrazoles and Triazoles. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1313-1320.	1.2	6

#	Article	IF	Citations
181	Bis-hydroxylaminato group 4 half-sandwich complexesâ€"syntheses, structures and polymerisation activity studies. Dalton Transactions, 2009, , 4473.	3.3	12
182	Transmetallation and silylation products of aminal carbanions. Dalton Transactions, 2009, , 8363.	3.3	14
183	Transformation of hydroxylamide into hydrazide units in the coordination spheres of group 4 metals. Dalton Transactions, 2009, , 6280.	3.3	3
184	Bis(hydroxylaminato)-mono(pentamethylcyclopentadienyl) rare-earth metal complexes. Dalton Transactions, 2009, , 5715.	3.3	6
185	Syntheses and structures of (Nâ€²,Nâ€²-dimethylhydrazido)silanes. Dalton Transactions, 2009, , 5300.	3.3	0
186	Two diamino-substituted lithiocarbanions in one molecule. Chemical Communications, 2009, , 5558.	4.1	13
187	Neutral ligand induced methane elimination from rare-earth metal tetramethylaluminates up to the six-coordinate carbide state. Dalton Transactions, 2009, , 5755.	3.3	61
188	An Improved Gas Electron Diffractometer â€“ The Instrument, Data Collection, Reduction and Structure Refinement Procedures. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 1259-1268.	0.7	57
189	Zinc Hydrazides and Hydrazide-Alkoxides with Cyclic and Acyclic Hydrazide Substituents. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 1477-1484.	1.2	8
190	N,Nâ€Dimethylaminopropylsilane: A Case Study on the Nature of Weak Intramolecular Siâ‹…â‹…â‹…N Interactions. Chemistry - A European Journal, 2008, 14, 11027-11038.	5.3	44
191	Strong Intramolecular Siâ‹¯N Interactions in the Chlorosilanes Cl_{3â‹¯n}H_nSiOCH₂CH₂NMe₂(n=) Tj ET Q q 1 1 0.78	2.0	
192	On the presence or absence of geminal Siâ‹¯N interactions (Î±-effect) in pentafluorophenylsilyl compounds with SiCN, SiNN and SiON backbones. Dalton Transactions, 2008, , 5652.	3.3	11
193	Organo-aluminium and -gallium complexes with Ï‰-NH-functional alkoxide ligands. Dalton Transactions, 2008, , 6832.	3.3	20
194	Structural diversity in bishydroxylamine complexes of gallium. Dalton Transactions, 2008, , 2549.	3.3	21
195	Rare-earth metal hydroxylamide complexes. Dalton Transactions, 2008, , 6628.	3.3	12
196	An Organocadmium Hydroxylamide. Organometallics, 2008, 27, 1348-1350.	2.3	13
197	Potassium Hydroxylamine Complexes. Inorganic Chemistry, 2008, 47, 4506-4512.	4.0	17
198	Highly asymmetric coordination of trimethylsilyl groups to tetrazole and triazole rings: an experimental and computational study in gaseous and crystalline phases. Dalton Transactions, 2008, , 3817.	3.3	3

#	Article	IF	Citations
199	Nâ€“O Bond Cleavage During the Deprotonation of N,O-Bis(trimethylsilyl)hydroxylamine. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 339-341.	0.7	8
200	Hydroxylaminato yttrate and samarate complexes. Dalton Transactions, 2007, , 3124.	3.3	14
201	Oxygenation of Simple Zinc Alkyls:Â Surprising Dependence of Product Distributions on the Alkyl Substituents and the Presence of Water. Inorganic Chemistry, 2007, 46, 4293-4297.	4.0	74
202	Simple Methylcadmium Alkoxides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1339-1342.	0.7	9
203	Magnetic Face-to-Face Interaction and Electrocommunication in Chromium Sandwich Compounds. Chemistry - A European Journal, 2007, 13, 1191-1200.	3.3	10
204	Carbanions with Two N Substituents: Nucleophilic Acyl-Group-Transfer Reagents. Angewandte Chemie - International Edition, 2007, 46, 4176-4179.	13.8	38
205	Dianionic amidinates at silicon and germanium centers: Four-, six- and eight-membered rings. Journal of Organometallic Chemistry, 2007, 692, 2789-2799.	1.8	12
206	First mixed hydrazide/hydroxylamide metal aggregates. Chemical Communications, 2006, , 3993-3995.	4.1	20
207	Organoaluminium complexes with sterically demanding oximato ligands: does a bulky and rigid ligand backbone change the aggregation motif?. Dalton Transactions, 2006, , 714-721.	3.3	14
208	Expectation and surprise in group 13 organometallics: molecular vs. polymeric aggregation of Me2Ga and Me2In norcamphor oximates. Dalton Transactions, 2006, , 5334.	3.3	4
209	Preparation of Geminal Donor-Acceptor Units by Reactions of Low Valent Metal Halides with Iminium Chlorides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 170-178.	0.7	5
210	Organozinc Siloxide-Hydrazide Aggregates [(RZn)4(NHNMe2)x(OSiMe3)(4 â€“ x)]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 838-845.	0.7	13
211	Terminally DimetallatedN,Nâ€²-Dimethylpiperazines with Doubly Spirocyclic Structures. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 307-312.	1.2	11
212	Zinc Hydrazides and Alkoxyhydrazides: Organometallic Compounds with Novel Zn4N8, Zn4N6O and Zn4N4O2 Cage Structures. Chemistry - A European Journal, 2006, 12, 592-599.	3.3	26
213	Zinc Hydrazide and Zinc Alkoxide Hydrazide Cages with Zn4N8 and Zn4N6O Cores â€“ Cluster Isomerism as a Result of Subtle Changes in Ligand Size. European Journal of Inorganic Chemistry, 2006, 2006, 3936-3942.	2.0	15
214	â€œIsomerismâ€•of Coordination Modes and Numbers in Pentanuclear Organozinc Hydroxylamides: An Exercise in Subtle Substituent Size Effects. European Journal of Inorganic Chemistry, 2006, 2006, 4219-4224.	2.0	22
215	Steric and electronic effects on the conformations of n-butane derivatives with trichlorosilyl, silyl and trichloromethyl groups. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 1411-1417.	3.9	1
216	Formation and crystal structure of bis-(2,2,6,6-tetramethylpiperidino)diselane. Inorganica Chimica Acta, 2005, 358, 4403-4406.	2.4	0

#	Article	IF	Citations
217	Crystal structure of germanium(II) dichloride solvated by tetrahydrofuran. Heteroatom Chemistry, 2005, 16, 361-363.	0.7	12
218	(Dimethylaminomethyl)trifluorosilane, Me2NCH2SiF3â€"A Model for the Î±-Effect in Aminomethylsilanes. Chemistry - A European Journal, 2005, 11, 5114-5125.	3.3	50
219	Organometallic Diaza-dimetalla-Norbornanes and -Cyclohexanes of Aluminium, Gallium and Indium. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1442-1448.	1.2	12
220	The Crystal Structures Of Dimeric Di(tert-butyl)Aluminium And -Gallium Iodides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 247-250.	0.7	5
221	The experimental gas-phase structures of 1,3,5-trisilylbenzene and hexasilylbenzene and the theoretical structures of all benzenes with three or more silyl substituents. Dalton Transactions, 2005, , 2292.	3.3	6
222	Organoaluminium and -gallium compounds with N,N-diisopropylaminomethyl groups. Dalton Transactions, 2005, , 380-384.	3.3	11
223	Terminally Dimetalated Tetramethylethylenediamine (TMEDA) Compounds. Organometallics, 2005, 24, 5294-5298.	2.3	21
224	N,N-Diisopropylaminomethyllithium:â€‰ Synthesis, Oxidative Degradation, and Organoaluminum and -gallium Derivatives. Organometallics, 2005, 24, 82-88.	2.3	26
225	Three-Membered Ring or Open Chain Molecule â^' (F3C)F2SiONMe2a Model for the Î±-Effect in Silicon Chemistry. Journal of the American Chemical Society, 2005, 127, 13705-13713.	13.7	78
226	Synthesis and Characterization of Cl2HSi-O-NMe2. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1505-1511.	0.7	8
227	Organoaluminium and -gallium Lewis-Acid Adducts of Tetramethylmethylenediamine. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1532-1539.	0.7	12
228	Crystal Structures of the Supramolecular Aggregates of the Methyl and Chloro Substituted Gallanes MexGaCl3-x. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 140-147.	0.7	18
229	Synthesis and Structure of an Aluminium-Nitrogen Heteronorbornane with Bulky tButyl Substituents and the Crystal Structure of Tri(tbutyl)aluminium. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 269-273.	0.7	18
230	Formamidinium Salts of Low Valent Metal Halide Anions MX3 â€" (M = Ge, Sn) and M2X62â€" (M = Ga, In). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1524-1531.	0.7	14
231	Strong Intramolecular Secondary Siâ‹…â‹…â‹…N Bonds in Trifluorosilylhydrazines. Chemistry - A European Journal, 2004, 10, 3033-3042.	3.3	35
232	Dichlorosilaneâ€"dimethyl ether aggregation: a new motif in halosilane adduct formation. Dalton Transactions, 2004, , 2578-2581.	3.3	16
233	Experimental investigations and ab initio studies of selenium(ii) dialkanethiolates, Se(SR)2. Dalton Transactions, 2004, , 3765-3771.	3.3	9
234	Different modes of aggregation in organoaluminium and -gallium hydroxylamides. Dalton Transactions, 2004, , 397.	3.3	36

#	Article	IF	Citations
235	Dimethyl-, Disilyl- and Digermylsulfide: Different Intermolecular Contacts in the Solid State. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 635-638.	0.7	7
236	Molecular Dialane and Other Binary Hydrides. ChemInform, 2003, 34, no.	0.0	0
237	Molecular Dialane and Other Binary Hydrides. Angewandte Chemie - International Edition, 2003, 42, 3856-3858.	13.8	29
238	Molecularly Simple Dimethylaminomethyl Compounds of Aluminum, Gallium, and Indium. Organometallics, 2003, 22, 242-249.	2.3	20
239	Highly Asymmetric Coordination in Alkenes:Â Gas-Phase Structures oftrans-1,2-Dichloro-1,2-disilylethene and 1-Bromo-1-silylethene. Inorganic Chemistry, 2003, 42, 6539-6544.	4.0	3
240	SARACEN ? molecular structures from theory and experiment: the best of both worlds. Dalton Transactions, 2003, , 3650.	3.3	118
241	Synthesis and Structures of Simple (Silylmethyl)(methyl)ethers. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 759-763.	0.7	9
242	Three-Membered Ring Formation by SiÂ·Â·Â·N Interactions in Aminosulfenylsilanes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 369-374.	0.7	10
243	Organoaluminium and -Gallium Compounds with O-Oximato Substituents. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 363-368.	0.7	15
244	A Hydrogen Bonded Aluminium Alkoxide Hydroxide Aggregate Resulting from the Exposure of Methylaluminium Dichloride to Air. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 489-492.	0.7	4
245	The Crystal Structures of Chlorodimethyl(dimethylamino)silane and Dimethyl-bis-(dimethylamino)silane. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 708-710.	0.7	3
246	Cluster self-assembly of di[gold(I)]halonium cations. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4916-4921.	7.1	52
247	Methylthiomethyl Compounds of Aluminum, Gallium, and Indium. Organometallics, 2002, 21, 3471-3476.	2.3	17
248	Synthetic Pathways to Hydrogen-Rich Polysilylated Arenes from Trialkoxysilanes and Other Precursors. Organometallics, 2002, 21, 680-684.	2.3	18
249	(4+4)-Coordinate germanium atoms in tetrakis(dialkylaminoxy)germanes. Dalton Transactions RSC, 2002, , 2341-2343.	2.3	12
250	5-Organyl-5-phosphaspiro[4.4]nonanes:Â A Contribution to the Structural Chemistry of Spirocyclic Tetraalkylphosphonium Salts and Pentaalkylphosphoranes. Journal of the American Chemical Society, 2002, 124, 6126-6132.	13.7	19
251	The Molecular Structures of the Three Disilylbenzenes Determined in the Gas Phase, the Solid State and by ab initio Calculations. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 202-214.	0.7	14
252	LumineszenzphÃnomene und FestkÃ¶rperstrukturen von Trimethyl- und Triethylgallium. Angewandte Chemie, 2002, 114, 2629-2632.	2.0	16

#	Article	IF	Citations
253	The Rational Design of Anion Host Compounds: An Exercise in Subtle Energetics. Angewandte Chemie - International Edition, 2002, 41, 104-107.	13.8	72
254	Luminescence Phenomena and Solid-State Structures of Trimethyl- and Triethylgallium. Angewandte Chemie - International Edition, 2002, 41, 2519-2522.	13.8	42
255	Hydrogen-bonded networks: (phosphine)gold(I) 4-amino-2-pyrimidine-thiolates. Journal of Organometallic Chemistry, 2002, 643-644, 313-323.	1.8	30
256	Diversity in the Structural Chemistry of (Phosphine)gold(I) 1,3,4-Thiadiazole-2,5-dithiolates (Bismuthiolates I). Inorganic Chemistry, 2001, 40, 6266-6271.	4.0	37
257	Structural diversity in gold(I) complexes of 4-sulfanylbenzoic acid. Dalton Transactions RSC, 2001, , 1058-1062.	2.3	57
258	Experimental and theoretical studies of the molecular and crystal structures of trialkoxy- and chlorodialkoxy-stibanesâ€Šâ€. Dalton Transactions RSC, 2001, , 373-377.	2.3	11
259	A Crystalline Diethyl Ether Adduct of Tetrafluorogermane. Inorganic Chemistry, 2001, 40, 5302-5303.	4.0	13
260	Metallophilicity:Â The Dimerization of Bis[(triphenylphosphine)gold(I)]chloronium Cations. Journal of the American Chemical Society, 2001, 123, 5106-5107.	13.7	70
261	Synthesis, Decomposition, and Structural Studies in the Gas Phase and Solid State of N,N-Dimethylaminoxygermane. Inorganic Chemistry, 2001, 40, 661-666.	4.0	15
262	A Simple High-Yield Synthesis of Gallium(I) Tetrachlorogallate(III) and the Reaction of Digallium Tetrachloride Tetrahydrofuran Solvate with 1,2-Diols. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 337-341.	0.7	15
263	Notizen: Crystal Structure of a Lithium Chloride Cubane Cluster Solvated by Diethyl Ether. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 443-445.	0.7	12
264	Small and Large Rings: Compounds with Geminal Donor and Acceptor Centres. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 168, 239-242.	1.6	0
265	The Highly Flexible Bis(hydroxylamine) Ligand [ON(Me)]2CH22a− and Its Different Behavior in the Chemistry of Aluminum and Gallium This work was supported by the Deutsche Forschungsgemeinschaft, the Fonds der Chemischen Industrie, and the Leonhard-Lorenz-Stiftung. We are grateful to Professor Hubert Schmidbaur (Technische UniversitÂt MÃ¼nchen) for generous support. Angewandte Chemie - International Edition, 2001, 40, 4390.	13.8	41
266	Synthesis and X-ray crystal structure determination of the first structurally authenticated terphenyl gold complex. Inorganica Chimica Acta, 2001, 316, 132-134.	2.4	12
267	Formation of Gallium-Nitrogen Rings and Cages by Inter- and Intramolecular Donor Acceptor Interactions. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 169, 209-210.	1.6	0
268	Preparation and Structure of Cyclic Gallium(III) and Gallium(II) 2-Amino-ethyl-amides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 458-462.	0.7	10
269	Hexakis(dimethylaminoxy)disiloxane: Insertion of an Oxygen Atom into the Si-Si Bond of a Disilane by Dimethylaminoxy Lithium. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 630-633.	0.7	13
270	Thiolate Complexes of Gold(I) Based on a Tris(phosphine) Support. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 1257-1263.	0.7	4

#	Article	IF	Citations
271	Siloles and germoles modified by partial hypercoordination through aminoxy substituents. Dalton Transactions RSC, 2000, , 1049-1052.	2.3	14
272	Novel aluminiumâ€“ and galliumâ€“nitrogen heteronorbornanes. Chemical Communications, 2000, , 1393-1394.	4.1	13
273	Molecular structure of N-trimethylsilylaziridine in the gas phase. Dalton Transactions RSC, 2000, , 1491-1497.	2.3	2
274	SiONB Unit as Reference for Blocked SiÂ·Â·Â·N Interactions in SiON Compounds. Inorganic Chemistry, 2000, 39, 1998-2000.	4.0	10
275	(N,N-Dimethylaminoxy)trifluorosilane:Â Strong, Dipole Moment Driven Changes in the Molecular Geometry Studied by Experiment and Theory in Solid, Gas, and Solution Phases. Journal of the American Chemical Society, 2000, 122, 4471-4482.	13.7	83
276	Parent Substances of Inorganic Chemistry: Homoleptic Pnictogenyl Compounds of Group 14, E(ZR2)4. Angewandte Chemie - International Edition, 1999, 38, 86-88.	13.8	3
277	Synthesis and molecular structures of N,N-dimethylhydroxylamino-trichlorosilane and -germaneâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1999, , 4291-4297.	1.1	27
278	The molecular and crystal structures of the tris(dimethylamino)phosphoranes (Me2N)3Pâ€“X (Xâ€…=â€…BH3,) Tj ETQq0 0 0 rgBT /Over	1.1	8
279	Are There Structurally Relevant Attractive Interactions between Nitrogen Atoms and Group 14 Elements in Their Aminomethyl Compounds?. Organometallics, 1999, 18, 3437-3444.	2.3	24
280	Two Successive Steps of Hypercoordination at Tin: The Gas-Phase and Solid-State Structures of (N,N-Dimethylaminoxy)trimethylstannane. Organometallics, 1999, 18, 2610-2614.	2.3	30
281	Synthesis and Molecular Structures in the Gas Phase ofN,N-Dimethylaminoxy-trimethylsilane and -trimethylgermane. Inorganic Chemistry, 1999, 38, 5323-5328.	4.0	21
282	Î²-Donor Interactions as Secondary Bonds in Dichlorobis(dimethylaminoxy)silane and -germane. European Journal of Inorganic Chemistry, 1998, 1998, 2023-2026.	2.0	16
283	Simple Silylhydrazines as Models for Si-NÎ²-Donor Interactions in SiNN Units. Chemistry - A European Journal, 1998, 4, 692-698.	3.3	27
284	Differences Between Gas-Phase and Solid-State Molecular Structures of the Simplest Phosphonium Ylide, Me3P=CH2. Angewandte Chemie - International Edition, 1998, 37, 1670-1672.	13.8	23
285	The molecular structure of dichloro(dimethylamino)phosphine. Journal of the Chemical Society Dalton Transactions, 1998, , 3239-3242.	1.1	8
286	O-Oximatosilanes: weak Î²-donor interactions as secondary bonds. Journal of the Chemical Society Dalton Transactions, 1998, , 2537-2540.	1.1	9
287	A Steeply Pyramidal Silylamine:â€‰ N,O-Dimethyl-N-silylhydroxylamine. Inorganic Chemistry, 1998, 37, 3593-3598.	4.0	9
288	Î²-Donor Interactions of Exceptional Strength inN,N-Dimethylhydroxylaminochlorosilane, ClH2SiONMe2. Journal of the American Chemical Society, 1998, 120, 7320-7327.	13.7	66

#	Article	IF	Citations
289	Hydroxylaminosilanes:Â Compounds with Î²-Donorâ^'Acceptor Bonds. Inorganic Chemistry, 1998, 37, 3175-3182.	4.0	36
290	Molecular structure of tin(II) acetate as determined in the gas phase by electron diffraction and ab initio calculations. Journal of the Chemical Society Dalton Transactions, 1997, , 1565-1570.	1.1	10
291	1,2-Di-tert-butyltetrafluorodisilane, ButSiF2SiF2But: vibrational spectra and molecular structure in the gas phase by electron diffraction and ab initio calculations. Journal of the Chemical Society Dalton Transactions, 1997, , 2475-2482.	1.1	6
292	Synthesis of Volatile Cyclic Silylamines and the Molecular Structures of Two 1-Aza-2,5-disilacyclopentane Derivatives. Inorganic Chemistry, 1997, 36, 4360-4368.	4.0	23
293	Î²-Donor Bonds in SiON Units:Â An Inherent Structure- Determining Property Leading to (4 +) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Society, 1997, 119, 4143-4148.	13.7	93
294	The Crystal Structure of Aziridine. Angewandte Chemie International Edition in English, 1997, 36, 2215-2216.	4.4	23
295	Î²-Donor Bonds in Compounds Containing SiON Fragments. Angewandte Chemie International Edition in English, 1997, 36, 2807-2809.	4.4	65
296	Tris(dimethylamino)phosphane as a New Ligand in Gold(I) Chemistry: Synthesis and Crystal Structures of [(Me₂N)₃P]AuCl, {[(Me₂N)₃PAu]₃O}+BF₄^{â^'}, {BF^{â^'}₄}₂ and the Precursor Molecule (Me₂N)₃PNSiMe₃. Chemische Berichte, 1997, 130, 323-328.	0.2	35
297	The Molecular Structures of Triaminosilanes. Chemische Berichte, 1997, 130, 1159-1166.	0.2	11
298	The Pyramidal Si2Nâ^'O Skeleton ofO-Methyl-N,N-disilylhydroxylamine:Â An Inherent Phenomenon As Confirmed by Structural Studies in Different Phases. Journal of the American Chemical Society, 1996, 118, 2664-2668.	13.7	21
299	Low Symmetry in P(NR2)3Skeletons and Related Fragments:Â An Inherent Phenomenon. Journal of the American Chemical Society, 1996, 118, 12673-12682.	13.7	37
300	Two different co-ordination modes of hydrazide ligands in silicon and germanium compounds. Journal of the Chemical Society Dalton Transactions, 1996, , 2095.	1.1	13
301	Homoleptic hydroxylamides of titanium, zirconium and hafnium. Journal of the Chemical Society Dalton Transactions, 1996, , 2089.	1.1	30
302	N,N-dimethylhydroxylamine: structural studies of the free molecule and of hydrogen-bonding in the solid state. Journal of the Chemical Society Perkin Transactions II, 1996, , 2727.	0.9	16
303	Conformational Analysis of 1,4-Disilabutane and 1,5-Disilapentane by Combined Application of Gas-Phase Electron Diffraction and ab Initio Calculations and the Crystal Structure of 1,5-Disilapentane at Low Temperatures. The Journal of Physical Chemistry, 1996, 100, 9339-9347.	2.9	56
304	Cyclic Silylhydrazines and Their Borane Adducts. Inorganic Chemistry, 1995, 34, 4840-4845.	4.0	10
305	Preparative and Spectroscopic Studies on Volatile Silyl- and Alkylhydroxylamines. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1994, 620, 1087-1092.	1.2	19
306	Synthesis and Structure of Nâ€Silylated Anilines. Chemische Berichte, 1994, 127, 841-844.	0.2	12

#	Article	IF	Citations
307	Silylhydroxylamines: Compounds with Unusual Nitrogen Coordination. Organometallics, 1994, 13, 1762-1766.	2.3	27
308	Methylsilylhydroxylamines: preparative, spectroscopic and ab initio studies. Journal of the Chemical Society Dalton Transactions, 1994, , 2503-2508.	1.1	10
309	Synthesis and Structure of (Hydridosilyl)hydrazines. Chemische Berichte, 1993, 126, 345-350.	0.2	21
310	Two different cyclization modes in the formation of silylhydrazines. Organometallics, 1993, 12, 413-416.	2.3	29
311	Phenylsilyl Chalcogenides, (Phenylsilyl)amines and Related Phosphonium (Phenylsilyl)methylides. Chemische Berichte, 1992, 125, 1053-1059.	0.2	33
312	Synthesis and Structural Diversity of Triaryl(phenylethyl)silanes. Synthesis, 0, 52, .	2.3	3
313	Aggregation of Copper(I) and Silver(I) Chloride Phosphane Complexes Determined by Arylâ€Stacking and Weak Hydrogen Bonds in the Ligand Periphery. European Journal of Inorganic Chemistry, 0, , .	2.0	0
314	Diphenylâ€and Dimesitylâ€Phosphanylâ€Substituted 3,3,4,4,5,5â€Hexafluorocyclopentenylâ€Gold(I) Dimers â€“ Syntheses and Solidâ€State Structures. European Journal of Inorganic Chemistry, 0, , .	2.0	0