

# Norbert W Mitzel

## List of Publications by Year in descending order

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314  
papers

5,522  
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117625

34  
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197818

49  
g-index

332  
all docs

332  
docs citations

332  
times ranked

3114  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARACEN ? molecular structures from theory and experiment: the best of both worlds. Dalton Transactions, 2003, , 3650.	3.3	118
2	$\hat{\nu}^2$ -Donor Bonds in SiON Units: An Inherent Structure- Determining Property Leading to (4 +) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Society, 1997, 119, 4143-4148.	13.7	93
3	(N,N-Dimethylaminoxy)trifluorosilane: A 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
4	Three-Membered Ring or Open Chain Molecule $\hat{\nu}^2$ (F3C)F2SiONMe2a Model for the $\hat{\nu}^2$ -Effect in Silicon Chemistry. Journal of the American Chemical Society, 2005, 127, 13705-13713.	13.7	78
5	A Neutral Silicon/Phosphorus Frustrated Lewis Pair. Angewandte Chemie - International Edition, 2015, 54, 13416-13419.	13.8	75
6	Oxygenation of Simple Zinc Alkyls: A Surprising Dependence of Product Distributions on the Alkyl Substituents and the Presence of Water. Inorganic Chemistry, 2007, 46, 4293-4297.	4.0	74
7	The Rational Design of Anion Host Compounds: An Exercise in Subtle Energetics. Angewandte Chemie - International Edition, 2002, 41, 104-107.	13.8	72
8	Metallophilicity: A The Dimerization of Bis[(triphenylphosphine)gold(I)]chloronium Cations. Journal of the American Chemical Society, 2001, 123, 5106-5107.	13.7	70
9	$\hat{\nu}^2$ -Donor Interactions of Exceptional Strength in N,N-Dimethylhydroxylaminochlorosilane, ClH2SiONMe2. Journal of the American Chemical Society, 1998, 120, 7320-7327.	13.7	66
10	Tris(perfluorotolyl)borane "A Boron Lewis Superacid. Angewandte Chemie - International Edition, 2017, 56, 8578-8582.	13.8	66
11	$\hat{\nu}^2$ -Donor Bonds in Compounds Containing SiON Fragments. Angewandte Chemie International Edition in English, 1997, 36, 2807-2809.	4.4	65
12	On the Molecular and Electronic Structures of AsP<sub>3</sub> and P<sub>4</sub>. Journal of the American Chemical Society, 2010, 132, 8459-8465.	13.7	65
13	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
14	Neutral ligand induced methane elimination from rare-earth metal tetramethylaluminates up to the six-coordinate carbide state. Dalton Transactions, 2009, , 5755.	3.3	61
15	Structural diversity in gold(I) complexes of 4-sulfanylbenzoic acid. Dalton Transactions RSC, 2001, , 1058-1062.	2.3	57
16	An Improved Gas Electron Diffractometer " 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
17	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
18	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

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19	A Neutral Geminal Tin/Phosphorus Frustrated Lewis Pair. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5114-5118.	13.8	52
20	(Dimethylaminomethyl)trifluorosilane, Me <sub>2</sub> NCH <sub>2</sub> SiF <sub>3</sub> A Model for the $\sigma$ -Effect in Aminomethylsilanes. <i>Chemistry - A European Journal</i> , 2005, 11, 5114-5125.	3.3	50
21	Mechanism of Host-Guest Complex Formation and Identification of Intermediates through NMR Titration and Diffusion NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7938-7942.	13.8	47
22	Dialkylaluminium, Gallium, and Indium-Based Poly-Lewis Acids with a 1,8-Diethynylanthracene Backbone. <i>Chemistry - A European Journal</i> , 2010, 16, 11906-11914.	3.3	46
23	Dimethylaminopropylsilane: A Case Study on the Nature of Weak Intramolecular Si...N Interactions. <i>Chemistry - A European Journal</i> , 2008, 14, 11027-11038.	3.3	44
24	Luminescence Phenomena and Solid-State Structures of Trimethyl- and Triethylgallium. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2519-2522.	13.8	42
25	Synthesis and Characterization of 1,2,3,4,5-Pentafluoroferrocene. <i>Journal of the American Chemical Society</i> , 2015, 137, 126-129.	13.7	42
26	The Highly Flexible Bis(hydroxylamine) Ligand [ON(Me)] <sub>2</sub> CH <sub>2</sub> 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 Schmidbauer (Technische Universität München) for generous support.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4390.	13.8	41
27	Solid-State Structure of a Li/F Carbenoid: Pentafluoroethylolithium. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11640-11644.	13.8	40
28	A Neutral Germanium/Phosphorus Frustrated Lewis Pair and Its Contrasting Reactivity Compared to Its Silicon Analogue. <i>Chemistry - A European Journal</i> , 2019, 25, 5899-5903.	3.3	39
29	Carbanions with Two N Substituents: Nucleophilic Acyl-Group-Transfer Reagents. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4176-4179.	13.8	38
30	Low Symmetry in P(NR <sub>2</sub> ) <sub>3</sub> Skeletons and Related Fragments: An Inherent Phenomenon. <i>Journal of the American Chemical Society</i> , 1996, 118, 12673-12682.	13.7	37
31	Diversity in the Structural Chemistry of (Phosphine)gold(I) 1,3,4-Thiadiazole-2,5-dithiolates (Bismuthiolates I). <i>Inorganic Chemistry</i> , 2001, 40, 6266-6271.	4.0	37
32	Hydroxylaminosilanes: Compounds with $\sigma$ -Donor-Acceptor Bonds. <i>Inorganic Chemistry</i> , 1998, 37, 3175-3182.	4.0	36
33	Different modes of aggregation in organoaluminium and -gallium hydroxylamides. <i>Dalton Transactions</i> , 2004, , 397.	3.3	36
34	Borate-based ligands with two soft heterocycle/thione groups and their sodium and bismuth complexes. <i>Dalton Transactions</i> , 2014, 43, 1267-1278.	3.3	36
35	Tris(dimethylamino)phosphane as a New Ligand in Gold(I) Chemistry: Synthesis and Crystal Structures of [(Me <sub>2</sub> N) <sub>3</sub> P]AuCl, {[(Me <sub>2</sub> N) <sub>3</sub> PAu] <sub>3</sub> O}+BF <sub>4</sub> <sup>-</sup> , {BF <sub>4</sub> <sup>-</sup> } <sub>2</sub> and the Precursor Molecule (Me <sub>2</sub> N) <sub>3</sub> PNiMe <sub>3</sub> . <i>Chemische Berichte</i> , 1997, 130, 323-328.	0.2	35
36	Strong Intramolecular Secondary Si...N Bonds in Trifluorosilylhydrazines. <i>Chemistry - A European Journal</i> , 2004, 10, 3033-3042.	3.3	35

#	ARTICLE	IF	CITATIONS
37	Lewis Base Induced Reductions in Organolanthanide Chemistry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2611-2614.	13.8	35
38	Relativistic effects in triphenylbismuth and their influence on molecular structure and spectroscopic properties. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 15520.	2.8	35
39	Phenylsilyl Chalcogenides, (Phenylsilyl)amines and Related Phosponium (Phenylsilyl)methylides. <i>Chemische Berichte</i> , 1992, 125, 1053-1059.	0.2	33
40	Substituent Size Effects in Lewis Base Induced Reductions in Organolanthanide Chemistry. <i>Chemistry - A European Journal</i> , 2011, 17, 6239-6247.	3.3	33
41	Ci&H Activation versus Yttrium Methyl Cation Formation from [Y(AlMe <sub>4</sub> ) <sub>3</sub> ] Induced by Cyclic Polynitrogen Bases: Solvent and Substituent Size Effects. <i>Chemistry - A European Journal</i> , 2011, 17, 6248-6255.	3.3	33
42	fac-Ir(ppy) <sub>3</sub> : Structures in the Gas-Phase and of a New Solid Modification. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1613-1617.	2.0	32
43	Structure and Bonding Nature of the Strained Lewis Acid 3-Methyl-1-boraadamantane: A Case Study Employing a New Data Analysis Procedure in Gas Electron Diffraction. <i>Chemistry - A European Journal</i> , 2012, 18, 10585-10594.	3.3	32
44	Tridentate Lewis Acids Based on 1,3,5-Trisilacyclohexane Backbones and an Example of Their Host-Guest Chemistry. <i>Chemistry - A European Journal</i> , 2015, 21, 12436-12448.	3.3	32
45	Poly-Boron, Silicon, and Gallium Lewis Acids by Hydrometallation of 1,5- and 1,8-Dialkynylanthracenes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4294-4301.	2.0	31
46	The Structure of Bis(catecholato)silanes: Phase Adaptation by Dynamic Covalent Chemistry of the Si-O Bond. <i>Journal of the American Chemical Society</i> , 2021, 143, 18784-18793.	13.7	31
47	Homoleptic hydroxylamides of titanium, zirconium and hafnium. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2089.	1.1	30
48	Two Successive Steps of Hypercoordination at Tin: The Gas-Phase and Solid-State Structures of (N,N-Dimethylaminoxyl)trimethylstannane. <i>Organometallics</i> , 1999, 18, 2610-2614.	2.3	30
49	Hydrogen-bonded networks: (phosphine)gold(I) 4-amino-2-pyrimidine-thiolates. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 313-323.	1.8	30
50	Two different cyclization modes in the formation of silylhydrazines. <i>Organometallics</i> , 1993, 12, 413-416.	2.3	29
51	Molecular Dialane and Other Binary Hydrides. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3856-3858.	13.8	29
52	Polyalkynylanthracenes syntheses, structures and their behaviour towards UV irradiation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7355-7365.	2.8	29
53	Hemi- and holo-directed lead(II) complexes in a soft ligand environment. <i>Dalton Transactions</i> , 2015, 44, 924-937.	3.3	29
54	Fluoride complexation by bidentate silicon Lewis acids. <i>Dalton Transactions</i> , 2017, 46, 1898-1913.	3.3	28

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55	Silylhydroxylamines: Compounds with Unusual Nitrogen Coordination. <i>Organometallics</i> , 1994, 13, 1762-1766.	2.3	27
56	Simple Silylhydrazines as Models for Si-N <sup>2</sup> -Donor Interactions in SiNN Units. <i>Chemistry - A European Journal</i> , 1998, 4, 692-698.	3.3	27
57	Synthesis and molecular structures of N,N-dimethylhydroxylamino-trichlorosilane and -germane. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 4291-4297.	1.1	27
58	Molecular structure and conformational preferences of gaseous 1-iodo-1-silacyclohexane. <i>Journal of Molecular Structure</i> , 2012, 1012, 126-130.	3.6	27
59	Tris(perfluorotolyl)boran – eine Bor-Lewis-Supersäure. <i>Angewandte Chemie</i> , 2017, 129, 8701-8705.	2.0	27
60	N,N-Diisopropylaminomethylolithium: Synthesis, Oxidative Degradation, and Organoaluminum and -gallium Derivatives. <i>Organometallics</i> , 2005, 24, 82-88.	2.3	26
61	Zinc Hydrazides and Alkoxyhydrazides: Organometallic Compounds with Novel Zn <sub>4</sub> N <sub>8</sub> , Zn <sub>4</sub> N <sub>6</sub> O and Zn <sub>4</sub> N <sub>4</sub> O <sub>2</sub> Cage Structures. <i>Chemistry - A European Journal</i> , 2006, 12, 592-599.	3.3	26
62	From Bidentate Gallium Lewis Acids to Supramolecular Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6107-6111.	13.8	26
63	Gas electron diffraction of increased performance through optimization of nozzle, system design and digital control. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 1-13.	0.7	25
64	Are There Structurally Relevant Attractive Interactions between Nitrogen Atoms and Group 14 Elements in Their Aminomethyl Compounds?. <i>Organometallics</i> , 1999, 18, 3437-3444.	2.3	24
65	Strong Intramolecular Si-N Interactions in the Chlorosilanes Cl <sub>3</sub> SiH <sub>2</sub> SiOCH <sub>2</sub> CH <sub>2</sub> NMe <sub>2</sub> ( <i>Inorg. Chim. Acta</i> , 2011, 354, 107-110).	4.0	24
66	Cationic rare-earth-metal methyl complexes: a new preparative access exemplified for Y and Pr. <i>Dalton Transactions</i> , 2010, 39, 6753.	3.3	24
67	The versatile behaviour of a novel Janus scorpionate ligand towards sodium, potassium and bismuth(III) ions. <i>Dalton Transactions</i> , 2013, 42, 15785.	3.3	24
68	Functionalized Bis(pentafluoroethyl)phosphanes: Improved Syntheses and Molecular Structures in the Gas Phase. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3392-3404.	2.0	24
69	Bidentate Boron Lewis Acids: Selectivity in Host-Guest Complex Formation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1965-1969.	13.8	24
70	Synthesis of Volatile Cyclic Silylamines and the Molecular Structures of Two 1-Aza-2,5-disilacyclopentane Derivatives. <i>Inorganic Chemistry</i> , 1997, 36, 4360-4368.	4.0	23
71	The Crystal Structure of Aziridine. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2215-2216.	4.4	23
72	Differences Between Gas-Phase and Solid-State Molecular Structures of the Simplest Phosphonium Ylide, Me <sub>3</sub> P=CH <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1670-1672.	13.8	23

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73	Trimethylaluminum: Bonding by Charge and Current Topology. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13816-13820.	13.8	23
74	Pentafluoroethyl-substituted $\hat{\pm}$ -silanes: model compounds for new insights. <i>Dalton Transactions</i> , 2015, 44, 13347-13358.	3.3	23
75	Intramolecular $\hat{\text{I}}\hat{\text{I}}$ Interactions in Flexibly Linked Partially Fluorinated Bisarenes in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13259-13263.	13.8	23
76	The Nature of Chalcogen $\hat{\text{C}}$ Bonding $\hat{\text{C}}$ Type Tellurium $\hat{\text{N}}$ Nitrogen Interactions: A First Experimental Structure from the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1519-1523.	13.8	23
77	$\hat{\text{C}}$ isomerism $\hat{\text{C}}$ of Coordination Modes and Numbers in Pentanuclear Organozinc Hydroxylamides: An Exercise in Subtle Substituent Size Effects. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4219-4224.	2.0	22
78	The Effect of Bulky Substituents on the Formation of Symmetrically Trisubstituted Triptycenes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3897-3907.	2.4	22
79	Intramolecular cooperativity in frustrated Lewis pairs. <i>Chemical Communications</i> , 2016, 52, 9949-9952.	4.1	22
80	Tridentate Lewis-acids based on triphenylsilane. <i>Dalton Transactions</i> , 2017, 46, 1645-1659.	3.3	22
81	Synthesis and Structure of (Hyridosilyl)hydrazines. <i>Chemische Berichte</i> , 1993, 126, 345-350.	0.2	21
82	The Pyramidal $\text{Si}_2\text{N}\hat{\text{O}}$ Skeleton of O-Methyl-N,N-disilylhydroxylamine: $\hat{\text{A}}$ An Inherent Phenomenon As Confirmed by Structural Studies in Different Phases. <i>Journal of the American Chemical Society</i> , 1996, 118, 2664-2668.	13.7	21
83	Synthesis and Molecular Structures in the Gas Phase of N,N-Dimethylaminoxy-trimethylsilane and -trimethylgermane. <i>Inorganic Chemistry</i> , 1999, 38, 5323-5328.	4.0	21
84	Terminally Dimetalated Tetramethylethylenediamine (TMEDA) Compounds. <i>Organometallics</i> , 2005, 24, 5294-5298.	2.3	21
85	Structural diversity in bishydroxylamine complexes of gallium. <i>Dalton Transactions</i> , 2008, , 2549.	3.3	21
86	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. <i>Inorganic Chemistry</i> , 2010, 49, 4865-4880.	4.0	21
87	Molecularly Simple Dimethylaminomethyl Compounds of Aluminum, Gallium, and Indium. <i>Organometallics</i> , 2003, 22, 242-249.	2.3	20
88	First mixed hydrazide/hydroxylamide metal aggregates. <i>Chemical Communications</i> , 2006, , 3993-3995.	4.1	20
89	Organo-aluminium and -gallium complexes with $\hat{\text{N}}$ -NH-functional alkoxide ligands. <i>Dalton Transactions</i> , 2008, , 6832.	3.3	20
90	Subtle Size Effects in $\hat{\text{C}}$ H Activation Reactions of Lanthanum and Praseodymium Tetramethylaluminates by Neutral Trinitrogen Bases. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3791-3796.	2.0	20

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91	Preparative and Spectroscopic Studies on Volatile Silyl- and Alkylhydroxylamines. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1994, 620, 1087-1092.	1.2	19
92	5-Organyl-5-phosphaspiro[4.4]nonanes: A Contribution to the Structural Chemistry of Spirocyclic Tetraalkylphosphonium Salts and Pentaalkylphosphoranes. <i>Journal of the American Chemical Society</i> , 2002, 124, 6126-6132.	13.7	19
93	Poly-Lewis-acids based on bowl-shaped tribenzotriquinacene. <i>Dalton Transactions</i> , 2017, 46, 1112-1123.	3.3	19
94	Dithiocarboxylic Acids: An Old Theme Revisited and Augmented by New Preparative, Spectroscopic and Structural Facts. <i>Chemistry - A European Journal</i> , 2018, 24, 2626-2633.	3.3	19
95	Synthetic Pathways to Hydrogen-Rich Polysilylated Arenes from Trialkoxysilanes and Other Precursors. <i>Organometallics</i> , 2002, 21, 680-684.	2.3	18
96	Crystal Structures of the Supramolecular Aggregates of the Methyl and Chloro Substituted Gallanes $MxGaCl_{3-x}$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004, 59, 140-147.	0.7	18
97	Synthesis and Structure of an Aluminium-Nitrogen Heteronorborene with Bulky tButyl Substituents and the Crystal Structure of Tri(tbutyl)aluminium. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004, 59, 269-273.	0.7	18
98	Intramolecular Lewis acid-base pairs based on 4-ethynyl-2,6-lutidine. <i>Dalton Transactions</i> , 2012, 41, 9143.	3.3	18
99	Tridentate Lewis acids with phenyl substituted 1,3,5-trisilacyclohexane backbones. <i>Dalton Transactions</i> , 2016, 45, 198-207.	3.3	18
100	Tetranitromethane: A Nightmare of Molecular Flexibility in the Gaseous and Solid States. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9619-9623.	13.8	18
101	Ein neutrales geminales frustriertes Zinn/Phosphor-Lewis-Paar. <i>Angewandte Chemie</i> , 2019, 131, 5168-5172.	2.0	18
102	Methylthiomethyl Compounds of Aluminum, Gallium, and Indium. <i>Organometallics</i> , 2002, 21, 3471-3476.	2.3	17
103	Potassium Hydroxylamine Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 4506-4512.	4.0	17
104	Variations in the Mechanisms of Direct Metallation of Cyclic and Acyclic Amines. <i>Chemistry - A European Journal</i> , 2009, 15, 11123-11127.	3.3	17
105	Bis(tetrafluorophenyl)borane. <i>Dalton Transactions</i> , 2012, 41, 8609.	3.3	17
106	Intramolecular pyridine-based frustrated Lewis-pairs. <i>Dalton Transactions</i> , 2015, 44, 9992-10002.	3.3	17
107	Carbonyl Diisocyanate $CO(NCO)_2$ : Synthesis and Structures in Solid State and Gas Phase. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4534-4541.	2.5	17
108	Aryl-Aryl Interactions in (Aryl)Perhalogenated 1,2-Diaryldisilanes. <i>Chemistry - A European Journal</i> , 2020, 26, 2169-2173.	3.3	17

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109	N,N-dimethylhydroxylamine: structural studies of the free molecule and of hydrogen-bonding in the solid state. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 2727.	0.9	16
110	$\hat{\pi}$ -Donor Interactions as Secondary Bonds in Dichlorobis(dimethylaminoxy)silane and -germane. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 2023-2026.	2.0	16
111	Lumineszenzphänomene und Festkörperstrukturen von Trimethyl- und Triethylgallium. <i>Angewandte Chemie</i> , 2002, 114, 2629-2632.	2.0	16
112	Dichlorosilane-dimethyl ether aggregation: a new motif in halosilane adduct formation. <i>Dalton Transactions</i> , 2004, , 2578-2581.	3.3	16
113	Intramolecular Lewis pairs with two acid sites - reactivity differences between P- and N-based systems. <i>Dalton Transactions</i> , 2016, 45, 17319-17328.	3.3	16
114	Von zweifelhigen Gallium-Lewis-Säuren zu supramolekularen Komplexen. <i>Angewandte Chemie</i> , 2017, 129, 6203-6207.	2.0	16
115	Solid-State and Gas-Phase Structures and Energetic Properties of the Dangerous Methyl and Fluoromethyl Nitrates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18557-18561.	13.8	16
116	Icosahedral Carboranes with Peripheral Hydrogen-Chalcogenide Groups: Structures from Gas Electron Diffraction and Chemical Shielding in Solution. <i>Chemistry - A European Journal</i> , 2019, 25, 2313-2321.	3.3	16
117	Synthesis, Decomposition, and Structural Studies in the Gas Phase and Solid State of N,N-Dimethylaminoxygermane. <i>Inorganic Chemistry</i> , 2001, 40, 661-666.	4.0	15
118	A Simple High-Yield Synthesis of Gallium(I) Tetrachlorogallate(III) and the Reaction of Digallium Tetrachloride Tetrahydrofuran Solvate with 1,2-Diols. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001, 56, 337-341.	0.7	15
119	Organoaluminium and -Gallium Compounds with O-Oximato Substituents. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003, 58, 363-368.	0.7	15
120	Zinc Hydrazide and Zinc Alkoxide Hydrazide Cages with Zn <sub>4</sub> N <sub>8</sub> and Zn <sub>4</sub> N <sub>6</sub> O Cores - Cluster Isomerism as a Result of Subtle Changes in Ligand Size. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3936-3942.	2.0	15
121	First Solid-State Structures of Real Diorganyl Phosphinous Acids R <sub>2</sub> POH (R=CF <sub>3</sub> , C <sub>2</sub> F <sub>5</sub> ). <i>Chemistry - A European Journal</i> , 2011, 17, 13420-13423.	3.3	15
122	Carbene complexes of phosphorus fluorides substituted with perfluoroalkyl-groups synthesized by oxidative addition. Cleavage of the complexes reveals a new synthetic protocol for ionic liquids. <i>Dalton Transactions</i> , 2014, 43, 2979-2987.	3.3	15
123	Halogenotrinitromethanes: A Combined Study in the Crystalline and Gaseous Phase and Using Quantum Chemical Methods. <i>Chemistry - A European Journal</i> , 2014, 20, 12962-12973.	3.3	15
124	Conformational composition, molecular structure and decomposition of difluorophosphoryl azide in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8784-8791.	2.8	15
125	An Adduct of Sulfur Monoxide to a Frustrated Sn/P Lewis Pair. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17388-17392.	13.8	15
126	Siloles and germales modified by partial hypercoordination through aminoxy substituents. <i>Dalton Transactions RSC</i> , 2000, , 1049-1052.	2.3	14



#	ARTICLE	IF	CITATIONS
127	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
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