

Priv-Doz Dr Uwe Bhme

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

1,374
citations

22
h-index

30
g-index

119
ext. papers

1,515
ext. citations

2.7
avg, IF

4.44
L-index

#	Paper	IF	Citations
114	Synthesis, crystal structure, and spectroscopic properties of {1-[(N,N-dimethylammonio)methyl]ferrocen-2-yl}-6-(p-bromophenyl)dodecamethyl-n-hexasilane picrate. <i>Journal of Molecular Structure</i> , 2022 , 1251, 132085	3.4	
113	Formation of a macrocycle from di-chloro-dimethyl-silane and a pyridoxalimine Schiff base ligand. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 1099-1102	0.7	
112	Unexpected Formation of the Highly Symmetric Borate Ion [B(SiCl ₃) ₄] ⁻ <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2583-2594	2.3	1
111	Syntheses and molecular structures of some di(amidino)monosilanes. <i>Main Group Metal Chemistry</i> , 2021 , 44, 228-238	1.6	0
110	New cyclic and spirocyclic aminosilanes. <i>Main Group Metal Chemistry</i> , 2021 , 44, 51-72	1.6	1
109	From Cyclopentasilane to Thin-Film Transistors. <i>Advanced Electronic Materials</i> , 2021 , 7, 2000422	6.4	2
108	Inertgastechnik 2020 ,		4
107	Syntheses and Molecular Structures of Liquid Pyrophoric Hydridosilanes. <i>ChemistryOpen</i> , 2020 , 9, 762-773	2.3	3
106	Dithiocyanurates and thiocyamelurates: Thermal thiyl radical generators as flame retardants in polypropylene. <i>Polymer Degradation and Stability</i> , 2019 , 166, 17-30	4.7	7
105	Lactamomethylsilanes [Synthesis, Structures, and Reactivity towards CO ₂ and Phenylisocyanate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 377-387	1.3	4
104	The heteroscorpionate ligand 2,2-bis(3,5-dimethylpyrazol-1-yl)-1,1-diphenylethanol and an easy preparation of its tungsten complex. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 996-1001	0.8	
103	Synthesis of Thiocyameluric Acid C ₆ N ₃ S ₂ H ₄ , Its Reaction to Alkali Metal Thiocyamelurates and Organic Tris(dithio)cyamelurates. <i>Chemistry - A European Journal</i> , 2019 , 25, 15555-15564	4.8	3
102	Königliches im Labor. <i>Nachrichten Aus Der Chemie</i> , 2019 , 67, 31-34	0.1	0
101	Insertion of CO ₂ and related heteroallenes into the Si-N-bond of methyl(N-morpholino)silanes. <i>Inorganica Chimica Acta</i> , 2018 , 473, 20-28	2.7	10
100	(S)-N-[(2-hydroxynaphthalen-1-yl)methylidene]valine [A valuable ligand for the preparation of chiral complexes. <i>Inorganica Chimica Acta</i> , 2018 , 483, 136-147	2.7	7
99	The Reactivity of Cyameluric Chloride C ₆ N ₇ Cl ₃ towards Phosphines and Phosphine Oxides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 121-126	1.3	8
98	Formation of 1-aza-2-silacyclopentanes and unexpected products from the insertion of phenylisocyanate into 2,2-dimethyl-1-(trimethylsilyl)-1-aza-2-silacyclopentane. <i>Main Group Metal Chemistry</i> , 2018 ,	1.6	2

97	Sulfides and Disulfides of s-Triazine: Potential Thermal Thiyl Radical Generators. <i>Chemistry - A European Journal</i> , 2018 , 24, 13596-13606	4.8	6
96	Intermolecular interactions in the solid state structures of neutral and N-protonated 5-alkoxymethyl-8-hydroxyquinolines. <i>Journal of Molecular Structure</i> , 2017 , 1133, 307-319	3.4	3
95	Arylthio- and Arylseleno-Substituted s-Heptazines. <i>Chemistry - A European Journal</i> , 2017 , 23, 12510-12518	4.8	10
94	Insertion of phenyl isocyanate into mono- and diaminosilanes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 909-921	1	6
93	Tautomerism in N-(2-hydroxy-1-naphthylidene)amino acids and the search for an answer to the difficult question about where the proton belongs. <i>Journal of Molecular Structure</i> , 2016 , 1117, 37-48	3.4	5
92	3,5-Dimethylpyrazolyl-Substituted Di- and Trisiloxanes. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4207-4215	2.3	4
91	Unexpected Formation and Crystal Structure of the Highly Symmetric Carbanion $[C(SiCl_3)_3]^-$. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5028-5035	2.3	10
90	Force field parameters for aminoorganosilanes. <i>Journal of Molecular Structure</i> , 2015 , 1079, 363-369	3.4	4
89	Two reversible enantiotropic phase transitions in a pentacoordinate silicon complex with an O,N,O'-tridentate valinate ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 511-6	0.8	3
88	Addendum to Salicylaldehyde-(2-hydroxyethyl)imine [A flexible ligand for group 13 and 14 elements][Inorg. Chim. Acta 423 (2014) 268-280]. <i>Inorganica Chimica Acta</i> , 2015 , 438, 189-190	2.7	1
87	Viele Quellen anzapfen. <i>Nachrichten Aus Der Chemie</i> , 2015 , 63, 1086-1088	0.1	
86	Silicophosphates containing SiO ₆ octahedra [anhydrous synthesis under ambient conditions. <i>New Journal of Chemistry</i> , 2014 , 38, 744-751	3.6	14
85	Salicylaldehyde-(2-hydroxyethyl)imine [A flexible ligand for group 13 and 14 elements. <i>Inorganica Chimica Acta</i> , 2014 , 423, 268-280	2.7	17
84	Über die Inflation wissenschaftlicher Zeitschriften. <i>Nachrichten Aus Der Chemie</i> , 2014 , 62, 134-136	0.1	
83	Crystalline Aminoorganosilanes [Syntheses, Structures, Spectroscopic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 1607-1613	1.3	7
82	Die Suche im Aleph. <i>Nachrichten Aus Der Chemie</i> , 2014 , 62, 43-47	0.1	1
81	A new type of chiral pentacoordinated silicon compounds with azomethine ligands made from acetylacetone and amino acids. <i>Inorganica Chimica Acta</i> , 2013 , 406, 251-255	2.7	14
80	Die Vermessung der Fachliteratur. <i>Nachrichten Aus Der Chemie</i> , 2013 , 61, 905-908	0.1	2

79	Chlorosilanes and 3,5-Dimethylpyrazole: Multinuclear Complexes, Acetonitrile Insertion and ²⁹ Si NMR Chemical-Shift Anisotropy Studies. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2954-2962 ^{2,3}	19
78	Cyclopentasilane Si ₅ H ₁₀ : First single crystal X-ray structure of an oligosilane SixHy and thermal analysis with TG/MS. <i>Inorganic Chemistry Communication</i> , 2013 , 35, 92-95	3.1 7
77	Enantiomerically pure and racemic dimethyl{N-[(2-oxidonaphthalen-1-yl- α)methylidene]valinato- β N,O}tin(IV). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013 , 69, 44-6	7
76	Pfade durch den Informationsdschungel. <i>Nachrichten Aus Der Chemie</i> , 2013 , 61, 540-543	0.1 2
75	Die unendliche Bibliothek. <i>Nachrichten Aus Der Chemie</i> , 2013 , 61, 1230-1233	0.1 1
74	Higher-Coordinated Molecular Silicon Compounds. <i>Structure and Bonding</i> , 2013 , 29-105	0.9 27
73	Enantiotropic phase transition in a binuclear tin complex with an O,N,O'-tridentate ligand. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013 , 69, 1336-9	1
72	Silver Melonates and Coordination Modes of the Multidentate [C ₆ N ₇ (NCN) ₃] ³⁻ Anion. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 978-986	2.3 4
71	Etching Silicon with HF/HNO ₃ /H ₂ SO ₄ /H ₂ O Mixtures – Unprecedented Formation of Trifluorosilane, Hexafluorodisiloxane, and Si ⁺ Surface Groups. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5714-5721	2.3 20
70	Synthesis of silicophosphates containing SiO ₆ -octahedra under ambient conditions--reactions of anhydrous H ₃ PO ₄ with alkoxy silanes. <i>Chemical Communications</i> , 2012 , 48, 7675-7	5.8 23
69	Transition metal compounds containing alkynylsilyl groups – complexes with a metal-silicon bond. <i>Journal of Organometallic Chemistry</i> , 2012 , 705, 59-69	2.3 10
68	Use of melem as a nucleophilic reagent to form the triphthalimide C ₆ N ₇ (phthal) ₃ --new targets and prospects. <i>Chemistry - A European Journal</i> , 2012 , 18, 12052-8	4.8 26
67	Racemization versus retention of chiral information during the formation of silicon and tin complexes with chiral Schiff base ligands. <i>Polyhedron</i> , 2012 , 47, 46-52	2.7 28
66	From CO ₂ to Polysiloxanes: Di(carbamoyloxy)silanes Me ₂ Si[(OCO)NRR'] ₂ as Precursors for PDMS. <i>Organometallics</i> , 2012 , 31, 4779-4785	3.8 17
65	Melem- and melamine-derived iminophosphanes. <i>New Journal of Chemistry</i> , 2010 , 34, 1893	3.6 21
64	Pentacoordination versus tetracoordination in silicon derivatives of an O,N,O'-tridentate ligand. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, o202-5	6
63	Surprising formation of a silicon containing macrocycle. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 35-37	3.1 6
62	Octahedral HSiCl ₃ and HSiCl ₂ Me adducts with pyridines. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6855-64	16.4 51

61	Crystalline packings of diketoarylhydrazones controlled by a methyl for trifluoromethyl structural change. <i>CrystEngComm</i> , 2008 , 10, 541	3.3	22
60	Dynamic disorder in a pentacoordinate silicon complex with 2,2'-diazenediylidiphenol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008 , 64, o364-6		5
59	Formation of a silicon-containing macrocycle with a pyridoxalimine Schiff base ligand. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008 , 64, o630-2		2
58	Octahedral adducts of dichlorosilane with substituted pyridines: synthesis, reactivity and a comparison of their structures and (29)Si NMR chemical shifts. <i>Chemistry - A European Journal</i> , 2008 , 14, 3164-76	4.8	35
57	Five and six-coordinate silicon complexes with an O,N,O'-chelating ligand derived from o-hydroxyacetophenoneN-(2-hydroxyethyl)imine. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 482-484 ³⁻¹		35
56	Two modifications of a five-coordinate silicon complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, o613-6		6
55	2,2-Dichloro-1,3-bis(trimethylsilyl)-1,3-diaza-2-silacyclopentane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, o631-2		1
54	4-[(2-Hydroxyethyl)iminomethyl]-5-hydroxymethyl-2-methylpyridin-3-ol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, o641-2		2
53	Bis(p-bromophenyl)dimethylsilane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3486-o3486		
52	Synthesis and structural study of 2?- and 2?,6?-positioned methyl- and nitro-substituted 3-(arylhydrazono)pentane-2,4-diones. <i>Journal of Physical Organic Chemistry</i> , 2007 , 20, 716-731	2.1	26
51	6-(2-Hydroxy-anilinomethyl-ene)-4-nitro-cyclo-hexa-2,4-dien-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, o178		2
50	6-[(5-tert-Butyl-2-hydroxy-anilino)methyl-ene]cyclo-hexa-2,4-dienone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, o14		0
49	Intramolecular Interligand Charge Transfer in Hexacoordinate Silicon Complexes. <i>Organometallics</i> , 2006 , 25, 2929-2933	3.8	25
48	[(N,N-Dimethylamino)methylferrocenyl]methyl(N-methylanilino)phenylsilane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1340-m1341		
47	(OC-6-22)-Bis{2-[1-(2-oxidoethylimino)ethyl]phenolato- β O,N,O'}titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1711-m1712		3
46	Easy access to chiral penta- and hexacoordinate silicon compounds. <i>Inorganic Chemistry Communication</i> , 2006 , 9, 806-809	3.1	42
45	Hydrosilylation vs. [2+2]-cycloaddition: A theoretical study with iron and ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 4400-4410	2.3	31
44	Trimethylsilyl-Substituted Indenyl-TiCl ₃ Half-Sandwich Complexes: Synthesis, Solid-State Structure, and Analysis of Substituent Effects. <i>Organometallics</i> , 2005 , 24, 2577-2581	3.8	7

43	Equilibrium between Tetra-, Penta-, and Hexacoordinate Imine and Enamine Chelates of Silicon: Crystal Structure and Variable-Temperature NMR. <i>Organometallics</i> , 2005 , 24, 1348-1350	3.8	39
42	Structure-molecular orbital energy correlations in Me ₃ Si-substituted bis(indenyl)iron complexes evidenced with UV-vis spectroscopy and cyclic voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 585, 167-171	4.1	10
41	Switching between penta- and hexacoordination with salen-silicon-complexes. <i>Inorganica Chimica Acta</i> , 2005 , 358, 4270-4286	2.7	45
40	NMR Studies of the Phosphazene/Phosphazane Rearrangement. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 85-89	1.3	3
39	Novel Hexacoordinate Diorganosilanes with Salen-Type Ligands: Molecular Structure versus ²⁹ Si NMR Chemical Shifts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 2907-2913	1.3	20
38	Activation of a Si-Bi Bond by Hypercoordination: Cleavage of a Disilane and Formation of a Si-Bi Bond. <i>Organometallics</i> , 2004 , 23, 6066-6069	3.8	39
37	Five-, six- and eight-membered ring organosilicon chalcogenides of the types Z ₂ (SiMe ₂) ₂ E (Z = Me ₂ Si, H ₂ C; E = S, Se, Te), Z(SiMe ₂ E) ₂ MR ₂ (Z = Me ₂ Si, H ₂ C, O; E = S, Se, Te; M = Si, Ge, Sn, R = Me, Ph) and (SiMe ₂ ZSiMe ₂ E) ₂ (Z = Me ₂ Si, H ₂ C; E = S, Se). <i>Silicon Chemistry</i> , 2003 , 2, 77-92		39
36	Selective Synthesis of N-Methylanilino oligosilanes. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 751-758	2.3	12
35	Mechanism of metal-catalyzed CC-coupling reactions with titanocene vinylidene. A theoretical study. <i>Journal of Organometallic Chemistry</i> , 2003 , 671, 75-90	2.3	8
34	Silicium-Enamin-Komplexe mit fñffach koordiniertem Siliciumatom. <i>Angewandte Chemie</i> , 2002 , 114, 1825-1827	3.6	8
33	Silicon-enamine complexes: pentacoordinate silicon compounds. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1732-4	16.4	34
32	Preparation, characterization and properties of dipolar 1,2-N,N-dimethylaminomethylferrocenylsilanes. <i>Journal of Organometallic Chemistry</i> , 2002 , 654, 187-201	2.3	39
31	Molecular structures of trimeric diphenyltin chalcogenides, (Ph ₂ SnE) ₃ , E=S, Se, Te. <i>Journal of Organometallic Chemistry</i> , 2002 , 660, 43-49	2.3	15
30	Crystal structure of tetraphenyldiboroxane a monomer diboroxane. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 377-379	3.1	10
29	Synthesis and characterization of 2,5,7-trichalcogena-1,3,4,6-tetrasilanorbornanes (RMeSiSiMe) ₂ E ₃ (R=Me, Ph/E=S, Se, Te). <i>Journal of Organometallic Chemistry</i> , 2001 , 627, 144-152	2.3	25
28	Group 14 chalcogenides featuring a bicyclo[3.3.0]octane skeleton. <i>Journal of Organometallic Chemistry</i> , 2001 , 630, 139-148	2.3	27
27	Synthesis and structure determination of bis(1,3-di-tert-butylcyclopentadienyl)(divinyl)hafnium. <i>Inorganic Chemistry Communication</i> , 2000 , 3, 136-139	3.1	1
26	Synthesis and structure determination of a novel diastereomeric diaminodichlorodisilane. <i>Inorganic Chemistry Communication</i> , 2000 , 3, 428-432	3.1	10

25	Structure and reactivity of four-membered titanacycles. Theoretical studies. <i>Journal of Organometallic Chemistry</i> , 1999 , 585, 179-188	2.3	11
24	Hexacoordinate Silicon-Azomethine Complexes: Synthesis, Characterization, and Properties. <i>Monatshefte für Chemie</i> , 1999 , 130, 117-132	1.4	11
23	Preparation, Characterization, and Properties of Various Novel Ionic Derivatives of Pentacarbonyltungsten. <i>European Journal of Inorganic Chemistry</i> , 1999 , 1999, 1813-1820	2.3	20
22	Hexakoordinierte Silicium-Azomethin-Komplexe: Synthese, Charakterisierung und Eigenschaften. <i>Monatshefte für Chemie</i> , 1999 , 130, 117	1.4	31
21	Synthesis and characterization of new disilane derivatives of tungsten. <i>Journal of Organometallic Chemistry</i> , 1998 , 552, 213-219	2.3	11
20	³¹ P SOLID STATE NUCLEAR MAGNETIC RESONANCE INVESTIGATIONS ON SUBSTITUTED ETHYLMERCAPTOCYCLOTETRAPHAZENES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1998 , 141, 9-26	1	1
19	Synthesis of Semibridging η -Vinylidene Titanium-Copper and -Gold Complexes. Crystal and Molecular Structure of $Cp^*2Ti(Cl)(\eta CCH_2)AuPPh_3$. <i>Organometallics</i> , 1998 , 17, 2215-2221	3.8	14
18	First Crystal Structure of a Cyclohexasilyl Transition-Metal Derivative, $[(DIME)2Li][Mo(CO)5Si_6Me_{11}]$ (DIME = Diethylene Glycol Dimethyl Ether). <i>Organometallics</i> , 1998 , 17, 2965-2969	3.8	18
17	Regioselective reactions of isothiocyanates with the titanocenevinylidene fragment $[Ti(CCH_2)(\eta C_5Me_5)_2]$. Crystal and molecular structure of $[Ti\{SC(NC_6H_{11})CCH_2\}(\eta C_5Me_5)_2]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 2249-2256		12
16	Synthesis and characterization of new oligosilane derivatives of iron and molybdenum. <i>Journal of Organometallic Chemistry</i> , 1997 , 540, 83-88	2.3	9
15	Organosilicon Polymers—Synthesis, Architecture, Reactivity and Applications. <i>Applied Organometallic Chemistry</i> , 1997 , 11, 71-106	3.1	78
14	Regioselective Reactions of 1,3-Diynes with the Titanocene Vinylidene Fragment $[Cp^*2TiCCH_2]$. Crystal and Molecular Structure of $Cp^*2TiC(C\equiv CSiMe_3)C(SiMe_3)CCH_2$. <i>Organometallics</i> , 1996 , 15, 4731-4736	3.8	20
13	Vinylierung und ⁹¹ Zr-NMR-Spektren von Substituierten Zirconocendichloriden. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 1994 , 620, 1455-1462	1.3	18
12	Bis[(tert-butylamido-dimethylsilyl)cyclopentadienyl]zirconium, ($t-C_4H_9$, ein spiranoide Zirconacyclus. <i>Journal of Organometallic Chemistry</i> , 1994 , 472, 39-41	2.3	32
11	Bis(tert-butylcyclopentadienyl)-(divinyl) hafnium from bis(tert-butylcyclopentadienyl)hafnium dichloride and vinylolithium. <i>Journal of Organometallic Chemistry</i> , 1994 , 474, C19-C20	2.3	4
10	Iminoacetylacetonat-Komplexe der Lanthanoide: Synthese, Eigenschaften und Struktur / Iminoacetylacetonate Complexes of Lanthanides: Synthesis, Properties and Structure. <i>Zeitschrift Für Naturforschung - Section B Journal of Chemical Sciences</i> , 1993 , 48, 1753-1759	1	7
9	Synthese und eigenschaften eines Zirconacyclobutan-derivates. <i>Journal of Organometallic Chemistry</i> , 1993 , 452, 75-78	2.3	3
8	Intramolekulare C-H-Aktivierung bei der Reaktion von Bis(benzylcyclopentadienyl)zirconiumdichlorid mit Vinylolithium [Bildung eines Crotyl-zirconacyclus. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 1488-1490	1.3	8

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