Regine Herbst-Irmer

List of Publications by Year
in descending order

301	12,896	38742	36028
papers	citations	50 h-index	97 g-index

330	330	330	9095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of silver and molybdenum microfocus X-ray sources for single-crystal structure determination. Journal of Applied Crystallography, 2015, 48, 3-10.	4.5	3,121
2	A Stable Singlet Biradicaloid Siladicarbene: (L:)₂Si. Angewandte Chemie - International Edition, 2013, 52, 2963-2967.	13.8	246
3	Allosteric Binding of Halide Anions by a New Dimeric Interpenetrated Coordination Cage. Angewandte Chemie - International Edition, 2012, 51, 2191-2194.	13.8	222
4	High-resolution x-ray crystal structures of the villin headpiece subdomain, an ultrafast folding protein. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7517-7522.	7.1	208
5	RGe(I)Ge(I)R Compound (R = PhC(NtBu)₂) with a Geâ”Ge Single Bond and a Comparison with the Gauche Conformation of Hydrazine. Organometallics, 2008, 27, 5459-5463.	2.3	175
6	Acyclic Germylones: Congeners of Allenes with a Central Germanium Atom. Journal of the American Chemical Society, 2013, 135, 12422-12428.	13.7	172
7	Conversion of a Singlet Silylene to a stable Biradical. Angewandte Chemie - International Edition, 2013, 52, 1801-1805.	13.8	167
8	Mixed-Valence, Tetranuclear Iron Chelate Complexes as Endoreceptors: Charge Compensation Through Inclusion of Cations. Angewandte Chemie International Edition in English, 1994, 33, 1621-1623.	4.4	156
9	Facile Synthesis of Cyclopropene Analogues of Aluminum and an Aluminum Pinacolate, and the Reactivity of LAl[Î·2-C2(SiMe3)2] toward Unsaturated Molecules (L = HC[(CMe)(NAr)]2, Ar =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	13.8	115
10	Structural characterization of two modifications of tris(tetrahydrofuran)(tris(trimethylsilyl)silyl)lithium: a compound with a silicon-29-lithium-7 NMR coupling. Inorganic Chemistry, 1993, 32, 2694-2698.	4.0	120
11	Experimental Charge Density Study of a Silylone. Angewandte Chemie - International Edition, 2014, 53, 2766-2770.	13.8	115
12	A Ligand-Induced Switch in the Periplasmic Domain of Sensor Histidine Kinase CitA. Journal of Molecular Biology, 2008, 377, 512-523.	4.2	110
13	The Structure of the Carbene Stabilized Si₂H₂ May Be Equally Well Described with Coordinate Bonds as with Classical Double Bonds. Journal of the American Chemical Society, 2016, 138, 10429-10432.	13.7	105
14	Striking Stability of a Substituted Silicon(II) Bis(trimethylsilyl)amide and the Facile Siâ€“Me Bond Cleavage without a Transition Metal Catalyst. Journal of the American Chemical Society, 2011, 133, 12311-12316.	13.7	102
15	Correlation of Structure and Function in Oligonuclear Zinc(II) Model Phosphatases. Inorganic Chemistry, 2004, 43, 4189-4202.	4.0	99
16	A Trefoil Knot Made of Amino Acids and Steroids. Angewandte Chemie - International Edition, 2006, 45, 5698-5702.	13.8	98
17	An empirical correction for the influence of low-energy contamination. Journal of Applied Crystallography, 2015, 48, 1907-1913.	4.5	96
18	Michael Adducts of (Alkynylcarbene)pentacarbonylchromium Complexes: Formation, Stereochemistry, and Thermal Rearrangement. Chemische Berichte, 1992, 125, 2051-2065.	0.2	91

#	Article	IF	Citations
19	Bis[(2-pyridyl)bis(trimethylsilyl)methyl-C,N]germanium(II):Â A Base-Stabilized Germylene and the Corresponding Germanethione, Germaneselenone, and Germanetellurone. Organometallics, 1997, 16, 2116-2120.	2.3	89
20	Synthesis and Structure of the First Dimeric Iminoalane Containing an Al2N2 Heterocycle. Angewandte Chemie International Edition in English, 1994, 33, 969-970.	4.4	88
21	Investigations of the Structure and Reactivity of a Stannaketenimine. Angewandte Chemie International Edition in English, 1992, 31, 437-438.	4.4	86
22	Synthesis and X-ray Structure of Intramolecularly Coordinated Silyl Cations. Organometallics, 1995, 14, 1840-1843.	2.3	82
23	A new, simple access to pentacarbonyl(3-aminoallenylidene)chromium complexes. Organometallics, 1993, 12, 2556-2564.	2.3	79
24	Synthesis, Structures, and Reactivity of Alkylgermanium(II) Compounds Containing a Diketiminato Ligandâ€. Organometallics, 2002, 21, 5216-5220.	2.3	75
25	The Behavior of [RAlX2â‹…THF] Compounds under Reductive Conditions: Tetrakis[tris(trimethylsilyl)methylaluminum(I)]â€"A Neutral Aluminum(I) Compound with Ïƒ-Bound Alkyl Groups and a Tetrahedral Structure. Angewandte Chemie - International Edition, 1998, 37, 1952-1955.	13.8	73
26	The First Structurally Characterized Aluminum Compound with Two SH Groups:â€‰ [LAl(SH)2] (L =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf System. Journal of the American Chemical Society, 2003, 125, 1452-1453.	13.7	71
27	Syntheses, Characterization, and X-ray Crystal Structures of Î²-Diketiminate Group 13 Hydrides, Chlorides, and Fluorides. Inorganic Chemistry, 2006, 45, 1853-1860.	4.0	68
28	Stable Silaimines with Three- and Four-Coordinate Silicon Atoms. Inorganic Chemistry, 2012, 51, 11049-11054.	4.0	68
29	Synthesis and Characterization of the Metalloplumbylenes (Î·5-C5H5)(CO)3M-PÌˆb-C6H3-2,6-Trip2 (M = Cr,) Tj ETQq1 1 0.784314 rgBT	2.3	67
30	Sodiumâ€"Potassium Alloy for the Reduction of Monoalkyl Aluminum(III) Compounds. Journal of Solid State Chemistry, 2001, 162, 225-236.	2.9	67
31	Easy Access to Silicon(0) and Silicon(II) Compounds. Inorganic Chemistry, 2013, 52, 4736-4743.	4.0	67
32	Solution Structures of Hauser Base ⁱPr₂NMgCl and Turbo-Hauser Base ⁱPr₂NMgClÂ·LiCl in THF and the Influence of LiCl on the Schlenk-Equilibrium. Journal of the American Chemical Society, 2016, 138, 4796-4806.	13.7	65
33	Synthesis and Structures of Cyclic and Acyclic Metallasiloxanes of Groups 5-7. Organometallics, 1994, 13, 3420-3426.	2.3	62
34	Synthesis of Monomeric Divalent Tin(II) Compounds with Terminal Chloride, Amide, and Triflate Substituents. European Journal of Inorganic Chemistry, 2010, 2010, 5304-5311.	2.0	62
35	Facile Syntheses of Selenium- and Tellurium-Containing Metal Cubanes, [Cp*M(.mu.3-E)]4 (Cp* = C5Me5;) Tj ETQq1 1 0.784314 rgBT and (Cp*GaTe)4. Organometallics, 1994, 13, 4004-4007.	2.3	61
36	Anharmonic Motion in Experimental Charge Density Investigations. Journal of Physical Chemistry A, 2013, 117, 633-641.	2.5	61

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37	[LAl(?-S3)2AlL]: A Homobimetallic Derivative of the Sulfur Crown S8. Angewandte Chemie - International Edition, 2004, 43, 6190-6192.	13.8	59
38	Palladiumâ€Catalyzed Direct C2â€Arylation of an Nâ€Heterocyclic Carbene: An Atomâ€Economic Route to Mesoionic Carbene Ligands. Chemistry - A European Journal, 2015, 21, 4247-4251.	3.3	57
39	A Nanoscopic Molecular Cadmium Phosphonate Wrapped in a Hydrocarbon Sheath. Angewandte Chemie - International Edition, 2003, 42, 4482-4485.	13.8	56
40	A Stable Neutral Radical in the Coordination Sphere of Aluminum. Angewandte Chemie - International Edition, 2017, 56, 397-400.	13.8	56
41	An Efficient Access to Organocerium(IV) Complexes: Synthesis and Structure of Bis[1,3,6-tris(trimethylsilyl)cyclooctatetraene]cerium(IV). Angewandte Chemie International Edition in English, 1994, 33, 1618-1621.	4.4	55
42	Stabilization of a Cobaltâ€“Cobalt Bond by Two Cyclic Alkyl Amino Carbenes. Journal of the American Chemical Society, 2014, 136, 1770-1773.	13.7	55
43	Structure, Biosynthesis, and Biological Activity of the Cyclic Lipopeptide Anikasin. ACS Chemical Biology, 2017, 12, 2498-2502.	3.4	55
44	An Electrophilic Carbeneâ€Anchored Silyleneâ€“Phosphinidene. Angewandte Chemie - International Edition, 2017, 56, 4219-4223.	13.8	54
45	Rhenium(V) Oxo Complexes with Acetylacetone Derived Schiff Bases:â€‰ Structure and Catalytic Epoxidation. Inorganic Chemistry, 2007, 46, 7129-7135.	4.0	52
46	Oxo-molybdenum and oxo-tungsten complexes of Schiff bases relevant to molybdoenzymes. Dalton Transactions, 2009, , 5655.	3.3	52
47	Synthesis and X-ray crystal structure of a stannaimine. Journal of the Chemical Society Chemical Communications, 1993, , 497.	2.0	51
48	The Role of the 2,4,6â€Tris(trifluoromethyl)phenylamino Group in Stabilizing New Phosphorusâ€, Arsenicâ€, and Germaniumâ€Containing Mainâ€Group Compounds and Transitionâ€Metal Derivatives. Chemische Berichte, 1997, 130, 1113-1121.	0.2	51
49	Germacarboxylic Acid: An Organic-Acid Analogue Based on a Heavier Group 14 Element. Angewandte Chemie - International Edition, 2004, 43, 5534-5536.	13.8	51
50	[{(MeLi)4(dem)1.5}â^ž] and [(thf)3Li3Me{(NtBu)3S}]â€”How to Reduce Aggregation of Parent Methyllithium. Chemistry - A European Journal, 2001, 7, 1417-1423.	3.3	50
51	Carbene-Dichlorosilylene Stabilized Phosphinidenes Exhibiting Strong Intramolecular Charge Transfer Transition. Journal of the American Chemical Society, 2015, 137, 150-153.	13.7	50
52	Reactions of a Cyclotrisilane with Olefins and Dienes: Evidence for an Equilibrium between Silylenes and a Cyclotrisilane. Organometallics, 1995, 14, 305-311.	2.3	49
53	Metal and ligand control in di- and octa-nuclear cluster formationâ€Šâ€. Dalton Transactions RSC, 2001, , 599-603.	2.3	49
54	The First Î²-Diketiminato Complex of Terbium Containing Two Alkyl Groups:â€‰ A Model Compound for LLnR2 (Ln = Lanthanide, R = Alkyl) Systems. Organometallics, 2003, 22, 2279-2283.	2.3	49

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55	Structure and Biosynthesis of Chaetocyclinones, New Polyketides Produced by an Endosymbiotic Fungus. European Journal of Organic Chemistry, 2007, 2007, 2191-2196.	2.4	48
56	Synthesis of Dimeric Iminoalanes by Oxidative Addition of Azides to (Cp*Al)4:Â Structural Characterization of (Cp*AlNSitBu3)2(Cp* = C5Me5). Organometallics, 1996, 15, 5252-5253.	2.3	47
57	Preparation of Monomeric[LAl(NH2)2]â€"A Main-Group Metal Diamide Containing Two Terminal NH2 Groups. Angewandte Chemie - International Edition, 2004, 43, 2142-2145.	13.8	47
58	Synthesis, Characterization, and X-ray Crystal Structure of a Gallium Monohydroxide and a Hetero-bimetallic Gallium Zirconium Oxide. Inorganic Chemistry, 2006, 45, 949-951.	4.0	47
59	Narcissistic self-sorting vs. statistic ligand shuffling within a series of phenothiazine-based coordination cages. Dalton Transactions, 2014, 43, 4587-4592.	3.3	47
60	Synthese und Struktur von CpAlCl₂â€Verbindungen mit sterisch anspruchsvollen Substituenten (Cp = Me₅C₅, EtMe₄C₅). Chemische Berichte, 1992, 125, 1107-1109.	0.2	46
61	Oxygen Effect in Heterobimetallic Catalysis:Â The Zrâ^'Oâ^'Ti System as an Excellent Example for Olefin Polymerizationâ€¡. Organometallics, 2007, 26, 3346-3351.	2.3	46
62	Synthesis and X-ray crystal structure of germaimines. Journal of the Chemical Society Chemical Communications, 1991, , 1123.	2.0	45
63	Refinement of obverse/reverse twins. Acta Crystallographica Section B: Structural Science, 2002, 58, 477-481.	1.8	45
64	Synthesis and Structure of Organometallic Compounds with(Al2Si)2 and Al3Sb2 Frameworks. Angewandte Chemie International Edition in English, 1995, 34, 919-920.	4.4	44
65	Phosphane-Catalyzed Reactions of LAlH2 with Elemental Chalcogens; Preparation of [LAl(Î¼-E)2AlL] [E = S, Se, Te, L = HC{C(Me)N(Ar)}2, Ar = 2,6-iPr2C6H3]. European Journal of Inorganic Chemistry, 2004, 2004, 3508-3512.	2.0	44
66	Facile Access of Stable Divalent Tin Compounds with Terminal Methyl, Amide, Fluoride, and Iodide Substituents. Inorganic Chemistry, 2009, 48, 193-197.	4.0	44
67	Two Structurally Characterized Conformational Isomers with Different Câ^'P Bonds. Chemistry - A European Journal, 2017, 23, 12153-12157.	3.3	43
68	Molecular oxygen activation by a molybdenum(iv) monooxo bis(Î²-ketiminato) complex. Chemical Communications, 2007, , 701-703.	4.1	42
69	Revealing Coordination Patterns in C₅-Cyclic Lithium Organics. Organometallics, 2011, 30, 4379-4386.	2.3	41
70	Synthesis, characterization, and molecular structures of supermesitylgallium- and supermesitylindium dihalides. Inorganic Chemistry, 1993, 32, 3343-3346.	4.0	40
71	Donor-Stabilized Antimony(I) and Bismuth(I) Ions: Heavier Valence Isoelectronic Analogues of Carbones. Journal of the American Chemical Society, 2021, 143, 1301-1306.	13.7	40
72	Insights into Excimer Formation Factors from Detailed Structural and Photophysical Studies in the Solidâ€State. Advanced Optical Materials, 2021, 9, 2001814.	7.3	40

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73	The Bis(cyclopentadienyl)thallate(I) Anion Isoelectronic with Stannocene. Angewandte Chemie International Edition in English, 1993, 32, 1774-1776.	4.4	39
74	Stable Osmium Hydridoâ"Carbene Complexes with CH2and Secondary Carbenes CHR as Ligands. Organometallics, 1997, 16, 2236-2238.	2.3	39
75	Structural studies of lanthanide ion complexes of pure gold, pure silver and mixed metal (goldâ€"silver) dicyanides. Dalton Transactions, 2005, , 675-679.	3.3	39
76	Preparation of Monomeric LGa(NH2)2 and of LGa(OH)2 in the Presence of a N-Heterocyclic Carbene as HCl Acceptor. Organometallics, 2005, 24, 1511-1515.	2.3	39
77	Cr(<scp>i</scp>)Cl as well as Cr⁺are stabilised between two cyclic alkyl amino carbenes. Chemical Science, 2015, 6, 3148-3153.	7.4	39
78	Erste Kristallstruktur eines Selenans; Metall(II)-Komplexe mit dem 2,4,6-Tris(trifluormethyl)selenophenolat-Liganden. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1994, 620, 41-47.	1.2	38
79	A Reactivity Change of a Strontium Monohydroxide by Umpolung to an Acid. Inorganic Chemistry, 2008, 47, 5971-5977.	4.0	38
80	Synthesis of the First 2H-1-Aza-2-phosphirene Complexes. Angewandte Chemie International Edition in English, 1994, 33, 80-82.	4.4	37
81	Observation of a Geâ"Li Bond:Â Donor-Base-Stabilized (Tris(trimethylsilyl)germyl)lithiumâ€. Organometallics, 1996, 15, 2839-2841.	2.3	37
82	Aggregation of Donor Base Stabilized 2-Thienyllithium in a Single Crystal and in Solution: Distances from X-ray Diffraction and the Nuclear Overhauser Effect. Journal of the American Chemical Society, 2012, 134, 1344-1351.	13.7	37
83	Anharmonic motion in experimental charge-density investigations. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, s188-s188.	0.3	36
84	Soluble Molecular Compounds with the Mgâ"Oâ"Al Structural Motif:Â A Model Approach for the Fixation of Organometallics on a MgO Surface. Journal of the American Chemical Society, 2006, 128, 13056-13057.	13.7	35
85	A Stable Cation of a CSi₃P Fiveâ€Membered Ring with a Weakly Coordinating Chloride Anion. Angewandte Chemie - International Edition, 2011, 50, 12510-12513.	13.8	35
86	An open route to asymmetric substituted Alâ€"Al bonds using Al(<scp>i</scp>)- and Al(<scp>iii</scp>)-precursors. Chemical Communications, 2017, 53, 2543-2546.	4.1	35
87	Metallorganische Verbindungen der Lanthanoide, 89. Cyclooctatetraenylâ€Komplexe der frÃ¼hen Ãœbergangsmetalle und Lanthanoide, 6. (Cyclooctatetraenyl)[N,Nâ€²â€²bis(trimethylsilyl)benzamidinato]â€und â€[diphenylbis(trimethylsilylimido)phosphinato]â€Komplexe der Seltenen Erden; RÃ¶ntgenstrukturanalyse von (C₈H₈)Tm[PhC(NSiMe₃)₂](THF).	0.2	34
88	Preparation of [LAl(?-S)2MCp2] (M=Ti, Zr) from the Structurally Characterized Lithium Complexes [{LAl(SH)[SLi(thf)2]}2] and [{LAl[(SLi)2(thf)3]}2]?2 THF. Angewandte Chemie - International Edition, 2004, 43, 6192-6196.	13.8	34
89	Efficient synthesis of the core structure of muraymycin and caprazamycin nucleoside antibiotics based on a stereochemically revised sulfur ylide reaction. Tetrahedron: Asymmetry, 2010, 21, 763-766.	1.8	34
90	Coordinated 1â€Azaâ€1,3â€butadienes: Stable Intermediates in the Formation of Pyridines from [(Î²â€Aminoethenyl)carbene]chromium Complexes. Chemische Berichte, 1993, 126, 2535-2541.	0.2	33

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91	Ein effizienter Zugang zu Organocer(<scp>IV</scp>)â€Komplexen: Synthese und Struktur von Bis[1,3,6â€tris(trimethylsilyl)â€cyclooctatetraen]cer(IV). Angewandte Chemie, 1994, 106, 1684-1687.	2.0	33
92	Synthesis, Characterization, and Theoretical Investigation of Twoâ€Coordinate Palladium(0) and Platinum(0) Complexes Utilizing Ï€â€Accepting Carbenes. Chemistry - A European Journal, 2015, 21, 9312-9318.	3.3	33
93	Non-merohedral twinning: from minerals to proteins. Acta Crystallographica Section D: Structural Biology, 2019, 75, 1040-1050.	2.3	33
94	Structural analysis of products from the C60-piperazine reaction. Consistent geometric distortions of the fullerene core upon adduct formation. Tetrahedron, 1996, 52, 5021-5032.	1.9	32
95	Hydrido(carbene), Hydrido(diazoalkane), Aqua(carbene), and Vinyl(carbene) Complexes of Osmium(II). European Journal of Inorganic Chemistry, 1999, 1999, 1889-1897.	2.0	32
96	Validation of experimental charge-density refinement strategies: when do we overfit?. IUCrJ, 2017, 4, 420-430.	2.2	32
97	[Cu2R2BrLi(thf)3], R = Si(SiMe3)3â€“a complex containing five-coordinate silicon in a three-centre two-electron bond (thf = tetrahydrofuran). Journal of the Chemical Society Chemical Communications, 1993, , 1729-1731.	2.0	31
98	Structural diversity in nonafluoromesityl chemistry. New Journal of Chemistry, 1999, 23, 905-909.	2.8	31
99	A Seven-Membered Aluminum Sulfur Allenyl Heterocycle Arising from the Conversion of an Aluminacyclopropene with CS2. Journal of the American Chemical Society, 2004, 126, 10194-10195.	13.7	31
100	Cyclooctatetraenyl-komplexe der frÃ¼hen Ã¼bergangsmetalle und lanthanoide. Journal of Organometallic Chemistry, 1994, 469, C15-C18.	1.8	30
101	On the effect of neglecting anharmonic nuclear motion in charge density studies. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, 362-371.	0.3	30
102	Introducing a Hydrogenâ€Bond Donor into a Weakly Nucleophilic BrÃ¸nsted Base: Alkali Metal Hexamethyldisilazides (MHMDS, M=Li, Na, K, Rb and Cs) with Ammonia. Chemistry - A European Journal, 2016, 22, 12340-12346.	3.3	30
103	From Unstable to Stable: Half-Metallocene Catalysts for Olefin Polymerization. Inorganic Chemistry, 2008, 47, 5324-5331.	4.0	29
104	Nâ€Heterocyclic Carbene Adducts of Aluminium Triiodide. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 431-433.	1.2	29
105	Reaktionen eines freien Stannaimins und von Basenâ€stabilisierten Stannylenen. Chemische Berichte, 1993, 126, 2247-2253.	0.2	28
106	New Synthetic and Structural Aspects in the Chemistry of Alkylaluminum Fluorides. The Mutual Influence of Hard and Soft Ligands and the Hybridization as Rigorous Structural Criterion#. Inorganic Chemistry, 2001, 40, 4947-4955.	4.0	28
107	Molybdenum Oxo and Imido Complexes of Î²-Diketiminate Ligands:â€‰ Synthesis and Structural Aspects. Inorganic Chemistry, 2008, 47, 113-120.	4.0	28
108	Lithium Di-tert-butylmethylsilylhydrazide, a Hexamer with Li+ Ions Bound Side-on and End-on. Angewandte Chemie International Edition in English, 1993, 32, 1625-1626.	4.4	27

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109	Reactions of Dimethyl[tris(trimethylsilyl)methyl]metalanes of Aluminum and Gallium with H2S and Elemental Chalcogens â€“ Crystal Structures of [RAl(Î¼-S)]2Â·2 THF, [RGa(Î¼3-S)]4, [{RAl(Î¼3-S)}3MeAl(Î¼3-S)], [RAlMe(Î¼-SeMe)]2, and [RGaMe(Î¼-TeMe)]2 [R = C(SiMe3)3]. European Journal of Inorganic Chemistry, 1998, 1998, 2033-2039.	2.0	27
110	Efficient Synthesis of Î³-Alkylidenetetronic Esters by Sequential Lewis Acid Catalyzed [3 + 2] Cyclizations and Palladium-Catalyzed Cross-Coupling Reactions. Journal of Organic Chemistry, 2001, 66, 2222-2226.	3.2	27
111	OH Functionality of Germanium(II) Compounds for the Formation of Heterobimetallic Oxides. Inorganic Chemistry, 2005, 44, 3537-3540.	4.0	27
112	Phase Transition of [2,2]â€Paracyclophane â€“ An End to an Apparently Endless Story. Chemistry - A European Journal, 2014, 20, 7048-7053.	3.3	27
113	An Electrophilic Carbeneâ€Anchored Silyleneâ€“Phosphinidene. Angewandte Chemie, 2017, 129, 4283-4287.	2.0	27
114	Isolation of Transient Acyclic Germanium(I) Radicals Stabilized by Cyclic Alkyl(amino) Carbenes. Journal of the American Chemical Society, 2019, 141, 1908-1912.	13.7	27
115	Synthese und Struktur des ersten Tellurâ€haltigen Borazinâ€Derivats und einer Tellurâ€haltigen Bor â€“ Stickstoffâ€Spiroâ€Verbindung. Chemische Berichte, 1993, 126, 571-574.	0.2	26
116	Sm(iii) Complexation with amino acids. Crystal structures of [Sm2(Pro)6(H2O)6](ClO4)6and [Sm(Asp)(H2O)4]Cl2. Dalton Transactions RSC, 2002, , 4035-4041.	2.3	26
117	Aminosilanolates as precursors of four- and eight-membered (SiNSiO)-rings. Journal of Organometallic Chemistry, 2003, 667, 24-34.	1.8	26
118	Electron-Induced Conversion of Silylones to Six-Membered Cyclic Silylenes. Journal of the American Chemical Society, 2014, 136, 16776-16779.	13.7	26
119	Unusual formation of a N-heterocyclic germylene via homolytic cleavage of a Câ€“C bond. Chemical Communications, 2014, 50, 3356-3358.	4.1	26
120	Empirical correction for resolution- and temperature-dependent errors caused by factors such as thermal diffuse scattering. Journal of Applied Crystallography, 2015, 48, 1485-1497.	4.5	26
121	Insertion of Cyclic Alkyl(amino) Carbene into the Siâ€“H Bonds of Hydrochlorosilanes. Inorganic Chemistry, 2016, 55, 1953-1955.	4.0	26
122	Benchmarking lithium amideversusamine bonding by charge density and energy decomposition analysis arguments. Chemical Science, 2018, 9, 3111-3121.	7.4	26
123	Bright luminescent lithium and magnesium carbene complexes. Chemical Science, 2021, 12, 7401-7410.	7.4	26
124	Molecular Solids as Ligands in Organometallic Chemistry:[Cp6*Ti6Na7F19Â·2.5thf](Cp*ï£¾ C5Me5) and[Cp4*Ti4Mg2F12Â·7thf], Links Between Ionic Solids and Organometallic Compounds. Angewandte Chemie International Edition in English, 1994, 33, 555-556.	4.4	24
125	A Route to Base Coordinate Silicon Difluoride and the Silicon Trifluoride Radical. Chemistry - A European Journal, 2018, 24, 1264-1268.	3.3	24
126	Silanylidene and Germanylidene Anions: Valenceâ€Isoelectronic Species to the Wellâ€Studied Phosphinidene. Angewandte Chemie - International Edition, 2018, 57, 11776-11780.	13.8	24

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127	Side-Arm Functionalized Silylene Copper(I) Complexes in Catalysis. Inorganic Chemistry, 2019, 58, 7000-7009.	4.0	24
128	Reactions of a cyclotrisilane with alkynes: synthesis and first crystal structure of 1,2-disilacyclobut-3-enes. Journal of the Chemical Society Chemical Communications, 1994, , 1989.	2.0	23
129	Observation of a Mixed-Metal Transition in Heterobimetallic Au/Ag Dicyanide Systems. Inorganic Chemistry, 2007, 46, 6997-7004.	4.0	23
130	Synthesis, Molecular, and Electronic Structure of (Î·⁸-C₈H₈)Ln(scorpionate) Half-Sandwich Complexes: An Experimental Key to a Better Understanding of f-Element-Cyclooctatetraenyl Bonding. Inorganic Chemistry, 2009, 48, 760-772.	4.0	23
131	Effects of Metal Coordination on the Ï€-System of the 2,5-Bis-{(pyrrolidino)-methyl}-pyrrole Pincer Ligand. Inorganic Chemistry, 2013, 52, 9539-9548.	4.0	23
132	A Stable Dimer of SiS₂ Arranged between Two Carbene Molecules. Chemistry - A European Journal, 2015, 21, 12572-12576.	3.3	23
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