Dietmar Stalke

List of Publications by Year
in descending order

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711 papers	33,263 citations	7069 78 h-index	10708 138 g-index
889 all docs	889 docs citations	889 times ranked	15572 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.	1.9	3,121
2	Crystal handling at low temperatures. Journal of Applied Crystallography, 1993, 26, 615-619.	1.9	1,132
3	Lightâ€Triggered Guest Uptake and Release by a Photochromic Coordination Cage. Angewandte Chemie - International Edition, 2013, 52, 1319-1323.	7.2	461
4	Cryo crystal structure determination and application to intermediates. Chemical Society Reviews, 1998, 27, 171.	18.7	452
5	Lewis Base Stabilized Dichlorosilylene. Angewandte Chemie - International Edition, 2009, 48, 5683-5686.	7.2	433
6	Interface-engineered templates for molecular spin memory devices. Nature, 2013, 493, 509-513.	13.7	401
7	Preparation and Characterization of Regioisomerically Pure 1,7-Disubstituted Perylene Bisimide Dyes. Journal of Organic Chemistry, 2004, 69, 7933-7939.	1.7	327
8	High Yield Access to Silylene RSiCl (R = PhC(NtBu)₂) and Its Reactivity toward Alkyne: Synthesis of Stable Disilacyclobutene. Journal of the American Chemical Society, 2010, 132, 1123-1126.	6.6	271
9	A Stable Singlet Biradicaloid Siladicarbene: (L:)₂Si. Angewandte Chemie - International Edition, 2013, 52, 2963-2967.	7.2	246
10	Synthesis and Crystal Structures of the Ligandâ€Stabilized Silver Chalcogenide Clusters [Ag₁₅₄Se₇₇(dppxy)₁₈], [Ag₃₂₀(StBu)₆₀S₁₃₀(dppp)₁₂], [Ag₃₅₂S₁₂₈(StC₅H₁₁)₉₆], and [Ag₄₉₀S₁₈₈(StC₅H₁₁)₁₁₄]. Angewandte Chemie - International Edition, 2008, 47, 1326-1331.	7.2	241
11	Ruthenium(II)â€Catalyzed Cï£¿H Activation/Alkyne Annulation by Weak Coordination with O₂ as the Sole Oxidant. Angewandte Chemie - International Edition, 2015, 54, 5513-5517.	7.2	241
12	Structures of Classical Reagents in Chemical Synthesis:(nBuLi)6,(tBuLi)4, and the Metastable(tBuLiÂ·) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.4	236
13	Allosteric Binding of Halide Anions by a New Dimeric Interpenetrated Coordination Cage. Angewandte Chemie - International Edition, 2012, 51, 2191-2194.	7.2	222
14	Accurate molecular weight determination of small molecules via DOSY-NMR by using external calibration curves with normalized diffusion coefficients. Chemical Science, 2015, 6, 3354-3364.	3.7	193
15	A Simple Synthesis of[(Cp*Al)4] and Its Conversion to the Heterocubanes[(Cp*AlSe)4] and[(Cp*AlTe)4](Cp*=Î·5-C5(CH3)5). Angewandte Chemie International Edition in English, 1993, 32, 1729-1731.	4.4	191
16	A comparison of a microfocus X-ray source and a conventional sealed tube for crystal structure determination. Journal of Applied Crystallography, 2009, 42, 885-891.	1.9	185
17	Ruthenium(II)â€Catalyzed meta Câ”H Monoâ€and Difluoromethylations by Phosphine/Carboxylate Cooperation. Angewandte Chemie - International Edition, 2017, 56, 2045-2049.	7.2	183
18	Acyclic Germylones: Congeners of Allenes with a Central Germanium Atom. Journal of the American Chemical Society, 2013, 135, 12422-12428.	6.6	172

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19	Template Control over Dimerization and Guest Selectivity of Interpenetrated Coordination Cages. Journal of the American Chemical Society, 2013, 135, 8476-8479.	6.6	169
20	Conversion of a Singlet Silylene to a stable Biradical. Angewandte Chemie - International Edition, 2013, 52, 1801-1805.	7.2	167
21	Triggered Exchange of Anionic for Neutral Guests inside a Cationic Coordination Cage. Journal of the American Chemical Society, 2015, 137, 1060-1063.	6.6	166
22	Low-cost conversion of a coaxial nozzle arrangement into a stationary low-temperature attachment. Journal of Applied Crystallography, 1996, 29, 465-468.	1.9	159
23	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
24	How Delocalized Is N,N,Nâ€˜,Nâ€˜-Tetraphenylphenylenediamine Radical Cation? An Experimental and Theoretical Study on the Electronic and Molecular Structure. Journal of the American Chemical Society, 2004, 126, 7834-7845.	6.6	156
25	Single Crystals of the Disubstituted Anthracene 9,10-(Ph2Pï£¾S)2C14H8 Selectively and Reversibly Detect Toluene by Solid-State Fluorescence Emission. Angewandte Chemie - International Edition, 2003, 42, 783-787.	7.2	151
26	Electronic Structure and Slow Magnetic Relaxation of Low-Coordinate Cyclic Alkyl(amino) Carbene Stabilized Iron(I) Complexes. Journal of the American Chemical Society, 2014, 136, 11964-11971.	6.6	145
27	A Germanium(II) Hydride as an Effective Reagent for Hydrogermylation Reactions. Journal of the American Chemical Society, 2009, 131, 1288-1293.	6.6	144
28	Meaningful Structural Descriptors from Charge Density. Chemistry - A European Journal, 2011, 17, 9264-9278.	1.7	136
29	Methylenecyclopropane Annulation by Manganese(I)â€Catalyzed Stereoselective Cå^'H/Cå^'C Activation. Angewandte Chemie - International Edition, 2017, 56, 9415-9419.	7.2	131
30	Asymmetric Ironâ€Catalyzed Cå^'H Alkylation Enabled by Remote Ligand metaâ€Substitution. Angewandte Chemie - International Edition, 2017, 56, 14197-14201.	7.2	129
31	Chemie, 1993, 105, 619-621.	1.6	127
32	Cation-induced structural alterations in the organo alkali metal derivatives of triphenylmethane: a combined x-ray and NMR study of the potassium-cesium salts. Organometallics, 1993, 12, 1193-1200.	1.1	123
33	.eta.3 and .eta.6 Bridging cations in the N,N,N',N'',N''-pentamethyldiethylenetriamine-solvated complexes of benzylpotassium and benzylrubidium: an x-ray, NMR, and MO study. Journal of the American Chemical Society, 1994, 116, 528-536.	6.6	121
34	Zwitterionic Siâ€Câ€Siâ€P and Siâ€Pâ€Siâ€P Fourâ€Membered Rings with Twoâ€Coordinate Phosphorus Atoms. Angewandte Chemie - International Edition, 2011, 50, 2322-2325.	7.2	121
35	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.	1.9	120
36	Synthesis and Reactivity of a Transient, Terminal Nitrido Complex of Rhodium. Journal of the American Chemical Society, 2013, 135, 17719-17722.	6.6	120

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37	Siâ˜E (E = N, O, F) Bonding in a Hexacoordinated Silicon Complex:Â New Facts from Experimental and Theoretical Charge Density Studies. Journal of the American Chemical Society, 2004, 126, 5563-5568.	6.6	119
38	Cleavage of a Nâ˜H Bond of Ammonia at Room Temperature by a Germylene. Inorganic Chemistry, 2009, 48, 798-800.	1.9	119
39	Experimental Charge Density Study of a Silylone. Angewandte Chemie - International Edition, 2014, 53, 2766-2770.	7.2	115
40	Eine einfache Synthese von [(Cp*Al)₄] und dessen Umsetzung zu den Heterocubanen [(Cp*AlSe)₄] und [(Cp*AlTe)₄] (Cp* =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td (Î·⁵pâ€C<sub	1.9	115
41	SN versus S+N-:Â An Experimental and Theoretical Charge Density Study. Journal of the American Chemical Society, 2004, 126, 1781-1793.	6.6	109
42	Lewis Base Mediated Autoionization of GeCl₂ and SnCl₂. Journal of the American Chemical Society, 2012, 134, 4998-5003.	6.6	108
43	Assembly and Stepwise Oxidation of Interpenetrated Coordination Cages Based on Phenothiazine. Angewandte Chemie - International Edition, 2013, 52, 10102-10106.	7.2	108
44	Preparation of RSn(I)â€“Sn(I)R with Two Unsymmetrically Coordinated Sn(I) Atoms and Subsequent Gentle Activation of P₄. Journal of the American Chemical Society, 2011, 133, 17889-17894.	6.6	105
45	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.	6.6	105
46	Asymmetric Ironâ€Catalyzed Câ˜H Alkylation Enabled by Remote Ligand metaâ€Substitution. Angewandte Chemie, 2017, 129, 14385-14389.	1.6	104
47	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.	6.6	102
48	The Lithocene Anion andâ€œOpenâ€•Calcoceneâ€“New Impulses in the Chemistry of Alkali and Alkaline Earth Metallocenes. Angewandte Chemie International Edition in English, 1994, 33, 2168-2171.	4.4	101
49	The First Neutral Adamantanoid Iron(III)-chelate Complex: Spontaneous Formation, Structure, and Electrochemistry. Angewandte Chemie International Edition in English, 1993, 32, 1179-1182.	4.4	100
50	(Schiff-base)vanadium(V) Complex-Catalyzed Oxidations of Substituted Bis(homoallylic) Alcohols â˜ Stereoselective Synthesis of Functionalized Tetrahydrofurans. European Journal of Organic Chemistry, 2003, 2003, 2388-2408.	1.2	100
51	Structure and crystal packing of 4-aminobenzonitriles and 4-amino-3,5-dimethylbenzonitriles at various temperatures. Acta Crystallographica Section B: Structural Science, 1994, 50, 363-373.	1.8	99
52	Metal Coordination to the Formal Pï£¾N Bond of an Iminophosphorane and Charge-Density Evidence against Hypervalent Phosphorus(V). Chemistry - A European Journal, 2004, 10, 3622-3631.	1.7	99
53	Chiral-at-Metal Phosphorescent Square-Planar Pt(II)-Complexes from an Achiral Organometallic Ligand. Journal of the American Chemical Society, 2017, 139, 6863-6866.	6.6	99
54	An empirical correction for the influence of low-energy contamination. Journal of Applied Crystallography, 2015, 48, 1907-1913.	1.9	96

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55	Topologic Equivalents of Coronands, Cryptands and Their Inclusion Complexes: Synthesis, Structure and Properties of {2}â€Metallacryptands and {2}â€Metallacryptates. Chemistry - A European Journal, 1997, 3, 2058-2062.	1.7	94
56	Testing the Concept of Hypervalency: Charge Density Analysis of K₂SO₄. Inorganic Chemistry, 2012, 51, 8607-8616.	1.9	93
57	Unexpected coordination of aminoiminophosphoranate ligands with alkali metals. Inorganic Chemistry, 1993, 32, 1977-1981.	1.9	92
58	A stable silicon(ii) monohydride. Dalton Transactions, 2011, 40, 5458.	1.6	90
59	Domino Reactions of Donorâ€“Acceptorâ€Substituted Cyclopropanes for the Synthesis of 3,3â€²â€Linked Oligopyrroles and Pyrrolo[3,2â€e]indoles. Angewandte Chemie - International Edition, 2012, 51, 11153-11156.	7.2	90
60	The preparation and crystal structures of sodium and potassium pentamethylcyclopentadienyl pyridine solvates. Journal of Organometallic Chemistry, 1991, 403, 11-19.	0.8	89
61	Formation and Characterization of the First Monoalumoxane, LAlOâ‹…B(C6F5)3. Angewandte Chemie - International Edition, 2002, 41, 4294-4296.	7.2	88
62	Hydrolysis of Trimesitylgallium and Trimesitylaluminum:â€‰ Structures Along a Reaction Pathway. Journal of the American Chemical Society, 1996, 118, 1380-1386.	6.6	87
63	Ytterbium(II) Benzamidinates, a New Class of Highly Reactive Lanthanoid(II) Complexes. Angewandte Chemie International Edition in English, 1990, 29, 894-896.	4.4	86
64	Lead Structures in Lithium Organic Chemistry. , 0, , 47-120.		86
65	The Nature of Î²â€Agostic Bonding in Lateâ€Transitionâ€Metal Alkyl Complexes. Angewandte Chemie - International Edition, 2011, 50, 2845-2849.	7.2	86
66	Stable Silanetriols as Building Blocks for the Synthesis of Titanasilasesquioxanes?Model Compounds for Titanium-Doped Zeolites. Angewandte Chemie International Edition in English, 1994, 33, 1352-1354.	4.4	84
67	On the Accuracy of Theoretically and Experimentally Determined Electron Densities of Polar Bonds. Journal of Physical Chemistry A, 2004, 108, 9442-9452.	1.1	84
68	Poly(pyrazolyl)germanium(II) and -Tin(II) Derivatives-Tuneable Monoanionic Ligands and Dinuclear Cationic Cages. Inorganic Chemistry, 1995, 34, 4846-4853.	1.9	82
69	Preparation and structural characterization of the bis[bis(trimethylsilyl)amido]chalcogenides of selenium and tellurium. Inorganic Chemistry, 1990, 29, 5140-5143.	1.9	81
70	Metal-Directed Formation of Tetra-, Hexa-, Octa-, and Nonanuclear Complexes of Magnesium, Calcium, Manganese, Copper, and Cadmium. Chemistry - A European Journal, 1998, 4, 1305-1311.	1.7	81
71	Donor-Stabilized Silyl Cations. 3. Ionic Dissociation of Hexacoordinate Silicon Complexes to Pentacoordinate Siliconium Salts Driven by Ion Solvation1. Organometallics, 2002, 21, 2293-2305.	1.1	81
72	Structure/Reactivity Studies on an Î±-Lithiated Benzylsilane: Chemical Interpretation of Experimental Charge Density. Journal of the American Chemical Society, 2008, 130, 11901-11911.	6.6	81

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73	Anagostic Interactions under Pressure: Attractive or Repulsive?. Angewandte Chemie - International Edition, 2015, 54, 2505-2509.	7.2	81
74	Sterische Cyclopentadienylâ€Ã„quivalente in der Chemie der fâ€Elemente: Monomere, homoleptische Lanthanid(III)â€tris[N,Nâ€²â€bis(trimethylsilyl)â€benzamidinate]. Chemische Berichte, 1992, 125, 2171-2181.	0.2	80
75	A new route to sulfur polyimido anions S(NR)nmâ^': reactivity and coordination behavior. Coordination Chemistry Reviews, 1998, 176, 431-450.	9.5	80
76	Ambiphilicity of Dichlorosilylene in a Single Molecule. Chemistry - A European Journal, 2010, 16, 85-88.	1.7	80
77	A P₄ Chain and Cage from Silyleneâ€Activated White Phosphorus. Angewandte Chemie - International Edition, 2011, 50, 11786-11789.	7.2	80
78	Formal antiâ€Carbopalladation Reactions of Nonâ€Activated Alkynes: Requirements, Mechanistic Insights, and Applications. Angewandte Chemie - International Edition, 2015, 54, 4119-4123.	7.2	80
79	Lanthanide alkoxidesâ€"III. Four-coordinate anionic neodymium(III) alkoxides and amides. Polyhedron, 1994, 13, 539-546.	1.0	79
80	Substituent-Controlled Reactions of Iminophosphoranes with Methyllithium. Angewandte Chemie International Edition in English, 1995, 34, 1752-1755.	4.4	79
81	Triimidosulfonates as Acute Biteâ€Angle Chelates: Slow Relaxation of the Magnetization in Zero Field and Hysteresis Loop of a Co^{II} Complex. Chemistry - A European Journal, 2015, 21, 10109-10115.	1.7	79
82	Crown Ethers, Double-Decker, and Sandwich Complexes: Cation-Mediated Formation of Metallatopomer Coronates. Angewandte Chemie - International Edition, 1998, 37, 172-175.	7.2	78
83	Perylene Bisimide Based Macrocycles: Effective Probes for the Assessment of Conformational Effects on Optical Properties. Angewandte Chemie - International Edition, 2005, 44, 250-253.	7.2	77
84	Facile Access to the Functionalized N-Donor Stabilized Silylenes PhC(NtBu)₂SiX (X) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	77
85	Donorâ€"acceptor cyclopropanes with Lawesson's and Woollins' reagents: formation of bisthiophenes and unprecedented cage-like molecules. Chemical Communications, 2013, 49, 4403-4405.	2.2	77
86	Structures of Two Highly Reactive Intermediates upon LiAlH4Reduction in the Solid State and in Solution: [(Me3Si)2NAlH3Li Â· 2Et2O]2and [(Me3Si)2N]2AlH2Li Â· 2Et2O. Angewandte Chemie International Edition in English, 1992, 31, 854-855.	4.4	76
87	Highly soluble acenes as semiconductors for thin film transistors. Journal of Materials Chemistry, 2006, 16, 3708-3714.	6.7	76
88	Stabilization of Low Valent Silicon Fluorides in the Coordination Sphere of Transition Metals. Journal of the American Chemical Society, 2012, 134, 2423-2428.	6.6	76
89	Coordination of the Bis(pyridyl)methyl Substituent to Group 1 and 13 Metals. Organometallics, 1994, 13, 4398-4405.	1.1	75
90	Lewis-Base-Stabilized Dichlorosilylene: A Two-Electron Ïƒ-Donor Ligand. Inorganic Chemistry, 2010, 49, 775-777.	1.9	75

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91	Synthesis of Stable Silicon Heterocycles by Reaction of Organic Substrates with a Chlorosilylene [PhC(NtBu)₂SiCl]. Chemistry - A European Journal, 2011, 17, 4283-4290.	1.7	75
92	Self-Assembly of {2}-Metallacryptands and {2}-Metallacryptates. , 1998, 1998, 1313-1317.		74
93	Rhodium-Mediated Formation of Peroxides from Dioxygen: Isolation of Hydroperoxo, Silylperoxo, and Methylperoxo Intermediates. Angewandte Chemie - International Edition, 2005, 44, 6947-6951.	7.2	73
94	Synthesis of a Stable Four-Membered Si₂O₂ Ring and a Dimer with Two Four-Membered Si₂O₂ Rings Bridged by Two Oxygen Atoms, with Five-Coordinate Silicon Atoms in Both Ring Systems. Organometallics, 2010, 29, 2343-2347.	1.1	73
95	Syntheses of Group 7 Metal Carbonyl Complexes with a Stable N-Heterocyclic Chlorosilylene. Inorganic Chemistry, 2011, 50, 5039-5043.	1.9	73
96	Donor-Substituted Nitrocyclopropanes: Immediate Ring-Enlargement to Cyclic Nitronates. Organic Letters, 2013, 15, 6098-6101.	2.4	73
97	Observation of a Direct Snï£¿Li Bond; The Crystal and Molecular Structure of Monomeric[Ph3SnLiÂ·PMDETA] and the Detection of119, 117Snï£¿7Li NMR Coupling in Solution. Angewandte Chemie International Edition in English, 1991, 30, 1459-1460.	4.4	72
98	Synthesis, structure, and theoretical investigation of amidinato supported 1,4-disilabenzene. Chemical Communications, 2010, 46, 5873.	2.2	72
99	A Novel Approach for the Stabilization and Structural Characterization of Group 13 Organometallic Hydroxides:Â The Way to Well Defined Crystalline Methylalumoxanes. Journal of the American Chemical Society, 1997, 119, 7505-7513.	6.6	71
100	Gemischtvalente, tetranucleare Eisenchelatkomplexe als Endorezeptoren: Ladungskompensation durch Kationenâ€ŁinschluÃŸ. Angewandte Chemie, 1994, 106, 1697-1699.	1.6	69
101	Ruthenium(II)â€Catalyzed meta Câˆ’H Monoâ€•and Difluoromethylations by Phosphine/Carboxylate Cooperation. Angewandte Chemie, 2017, 129, 2077-2081.	1.6	69
102	Preparation and Structure of Two Highly Reactive Intermediates: [Li(thf)4][Cu5Cl4R2] and [Li(thf)4][AlCl3R], R ? Si(SiMe3)3. Angewandte Chemie International Edition in English, 1993, 32, 121-122.	4.4	68
103	Syntheses and x-ray structures of (diphenylpyridylmethyl)lithium, -sodium, and -potassium in comparison with the triphenylmethyl derivatives. Organometallics, 1993, 12, 1201-1206.	1.1	68
104	Carbenoid or Lithium Complex of a Carbanion? Synthesis and Structure of(Me3Si)2Cï£¾P(aryl)ï£¾C(Cl)Li(thf)3 and LiCl Elimination To Give the Phosphirene. Angewandte Chemie International Edition in English, 1995, 34, 1849-1852.	4.4	68
105	Stable Silaimines with Three- and Four-Coordinate Silicon Atoms. Inorganic Chemistry, 2012, 51, 11049-11054.	1.9	68
106	Alkali metal derivatives of sulfinimidamides. Preparation and crystal structures. Journal of Organometallic Chemistry, 1991, 418, 127-145.	0.8	67
107	Phosphane- and phosphorane Janus Head ligands in metal coordination. Journal of Organometallic Chemistry, 2002, 661, 111-127.	0.8	67
108	Easy Access to Silicon(0) and Silicon(II) Compounds. Inorganic Chemistry, 2013, 52, 4736-4743.	1.9	67

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109	Das Lithocenâ€Anion und â€žoffenesâ€¡Calcocen â€" neue AnstÃ¶ÃŸe in der Chemie der Alkaliâ€und Erdalkalimetallocene. Angewandte Chemie, 1994, 106, 2256-2259.	1.6	66
110	Octanuclear Bis(triple-helical) Metal(II) Complexes. , 1998, 1998, 559-563.		66
111	Convenient Access to Monosilicon Epoxides with Pentacoordinate Silicon. Angewandte Chemie - International Edition, 2010, 49, 3952-3955.	7.2	65
112	Intermolecular Twofold Carbopalladation/Cyclization Sequence to Access Chromans and Isochromans from Carbohydrates. Chemistry - A European Journal, 2011, 17, 9888-9892.	1.7	65
113	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.	6.6	65
114	ansa-Metallocenes of Calcium and Strontium One-Pot Synthesis of Organometallic Complexes of the Heavier Alkaline Earth Metals. Angewandte Chemie International Edition in English, 1993, 32, 1079-1081.	4.4	64
115	Bis(2-pyridyl)phosphides and -arsenides of Group 13 Metals: Substituent-Separated Contact Ion Pairs. Organometallics, 1995, 14, 2422-2429.	1.1	64
116	Electronâ€Density Investigation of Metalâ€"Metal Bonding in the Dinuclear â€œBoryleneâ€•Complex [{Cp(CO)₂Mn}₂(Î¼â€BtBu)]. Angewandte Chemie - International Edition, 2008, 47, 4321-4325.	7.2	64
117	Facile Synthesis of a Rare Chlorosilyleneâ€"BH₃ Adduct. European Journal of Inorganic Chemistry, 2011, 2011, 475-477.	1.0	64
118	Influence of Donorâ€"Acceptor Distance Variation on Photoinduced Electron and Proton Transfer in Rhenium(I)â€"Phenol Dyads. Journal of the American Chemical Society, 2012, 134, 12844-12854.	6.6	64
119	Main-group chemistry of the 2,4,6-tris(trifluoromethyl)phenyl substituent: x-ray crystal structures of [2,4,6-(CF3)3C6H2]2Zn, [2,4,6-(CF3)3C6H2]2Cd(MeCN) and [2,4,6-(CF3)3C6H3]2Hg. Organometallics, 1992, 11, 192-195.	1.1	63
120	A dÃ©but for base stabilized monoalkylsilylenes. Chemical Communications, 2012, 48, 4561.	2.2	63
121	New External Calibration Curves (ECCs) for the Estimation of Molecular Weights in Various Common NMR Solvents. Chemistry - A European Journal, 2016, 22, 8462-8465.	1.7	63
122	[S(NtBu)3]2â^'â€"A Cap-Shaped Dianion, Isoelectronic with the Sulfite Ion and Oxidizable to a Stable Radical Anion. Angewandte Chemie International Edition in English, 1996, 35, 204-206.	4.4	61
123	A Facile Route to Functionalized N-Heterocyclic Carbenes (NHCs) with NHC Base-Stabilized Dichlorosilylene. Journal of the American Chemical Society, 2010, 132, 10018-10020.	6.6	61
124	Facile Access to Transitionâ€Metalâ€"Carbonyl Complexes with an Amidinateâ€Stabilized Chlorosilylene Ligand. Chemistry - an Asian Journal, 2012, 7, 528-533.	1.7	61
125	Anharmonic Motion in Experimental Charge Density Investigations. Journal of Physical Chemistry A, 2013, 117, 633-641.	1.1	61
126	Synthesis and Structure of a 1H-Diphosphirene. Angewandte Chemie International Edition in English, 1989, 28, 1673-1674.	4.4	60

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127	Tribenzacepentalene Dianion and 4,7-Disubstituted Tribenzodihydroacepentalene Derivatives: Formation, Reactions, and Structural Properties of Potential Tribenzacepentalene Precursors. Journal of the American Chemical Society, 1995, 117, 10474-10485.	6.6	59
128	Neutral Penta- and Hexacoordinate N-Heterocyclic Carbene Complexes Derived from SiX4 (X = F, Br). Organometallics, 2009, 28, 6374-6377.	1.1	59
129	Efficient Formal Total Synthesis of the Erythrina Alkaloid (+)-Erysotramidine, Using a Domino Process. Organic Letters, 2009, 11, 5230-5233.	2.4	58
130	Reactions of a Bis-silylene (LSiâ^'SiL, L = PhC(NtBu)₂) and a Heteroleptic Chloro Silylene (LSiCl) with Benzil: Formation of Bis(siladioxolene) and Monosiladioxolene Analogue with Five-Coordinate Silicon Atoms in Both Ring Systems. Organometallics, 2010, 29, 3930-3935.	1.1	58
131	Solution structures of alkali metal cyclopentadienides in THF estimated by ECC-DOSY NMR-spectroscopy (incl. software). Chemical Communications, 2016, 52, 12861-12864.	2.2	58
132	Synthesis and Structure of the Disilagermirane R2Ge(SiR2)2 and the Solvent-Separated Ion Pair [Li([12]crown-4)2][GeR3]; (R = SiMe3). Angewandte Chemie International Edition in English, 1994, 33, 113-115.	4.4	57
133	Rearrangement and Selective Transmetalation of Bis(pyridyl)methyllithium. Angewandte Chemie International Edition in English, 1994, 33, 693-695.	4.4	57
134	An Inclusion Complex of Hexamolybdate inside a Supramolecular Cage and Its Structural Conversion. Inorganic Chemistry, 2012, 51, 9574-9576.	1.9	57
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