

Michael K Denk

List of Publications by Year in descending order

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1682
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Structure of a Stable Silylene. <i>Journal of the American Chemical Society</i> , 1994, 116, 2691-2692.	13.7	707
2	Photoelectron Spectroscopy of a Carbene/Silylene/Germylene Series. <i>Journal of the American Chemical Society</i> , 1994, 116, 6641-6649.	13.7	330
3	Stable Cyclic Germanediyls (Cyclogermylenes): Synthesis, Structure, Metal Complexes, and Thermolyses. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1485-1488.	4.4	297
4	Stable silylenes: synthesis, structure, reactions. <i>Pure and Applied Chemistry</i> , 1996, 68, 785-788.	1.9	217
5	Synthesis and Reactivity of a Stable Silylene. <i>Journal of the American Chemical Society</i> , 1998, 120, 12714-12719.	13.7	189
6	Steric Stabilization of Nucleophilic Carbenes. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2607-2609.	4.4	163
7	Stabile, cyclische Germandiyle (Cyclogermylene): Herstellung, Molekülstruktur, Metallkomplexe und Thermolysen. <i>Angewandte Chemie</i> , 1992, 104, 1489-1492.	2.0	143
8	Synthesis and reactivity of subvalent compounds. <i>Journal of Organometallic Chemistry</i> , 2001, 617-618, 242-253.	1.8	142
9	Silylene complexes from a stable silylene and metal carbonyls: synthesis and structure of [Ni{(ButN)CHCHNBu}Si ₂ (CO) ₂], a donor-free bis-silylene complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 33-34.	2.0	124
10	Reaction of a Stable Silylene with Covalent Azides: A New Synthesis for Silaimines. <i>Journal of the American Chemical Society</i> , 1994, 116, 10813-10814.	13.7	107
11	Electronic structure of a stable silylene: photoelectron spectra and theoretical calculations of Si(NRCHCHNR), Si(NRCH ₂ CH ₂ NR) and SiH ₂ (NRCHCHNR). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2405.	1.1	106
12	Aromatic Phosphenium Cations. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 41-49.	2.0	83
13	Synthesis of a silylene-borane adduct and its slow conversion to a silylborane. <i>Chemical Communications</i> , 1996, , 2657-2658.	4.1	81
14	Aromatic phosphenium cations. <i>Tetrahedron Letters</i> , 1996, 37, 9025-9028.	1.4	79
15	Nucleophilic carbenes and the wanzlick equilibrium: A reinvestigation. <i>Tetrahedron Letters</i> , 1999, 40, 2057-2060.	1.4	78
16	Core Excitation Spectroscopy of Stable Cyclic Diaminocarbenes, -silylenes, and -germylenes. <i>Organometallics</i> , 1999, 18, 1862-1872.	2.3	66
17	Sterisch gehinderte stabile nucleophile Carbene. <i>Angewandte Chemie</i> , 1997, 109, 2719-2721.	2.0	58
18	C-H Activation with Elemental Sulfur: Synthesis of Cyclic Thioureas from Formaldehyde Aminals and S8. <i>Chemistry - A European Journal</i> , 2001, 7, 4477-4486.	3.3	53

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19	Cyclische Metall(IV)-amide. <i>Chemische Berichte</i> , 1991, 124, 683-689.	0.2	49
20	Lanthanoiden-Komplexe, III. Fünfstufige Neodym- und Yttrium-Alkoxide mit neuen sperrigen Chelatliganden. <i>Chemische Berichte</i> , 1992, 125, 2399-2405.	0.2	46
21	Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen. <i>Journal of Organometallic Chemistry</i> , 1992, 430, C33-C38.	1.8	34
22	Probing Delocalization in Stable Silylenes: Core Excitation Spectra of Si(NRCHCHNR), Si(NRCH ₂ CH ₂ NR), H ₂ Si(NRCHCHNR), and H ₂ Si(NRCH ₂ CH ₂ NR) (R = tBu). <i>Organometallics</i> , 1998, 17, 2352-2360.	2.3	33
23	Steric and Electronic Effects in the Dimerization of Wanzlick Carbenes: The Alkyl Effect. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3527-3534.	2.0	33
24	Reaction of a Stable Silylene with Divalent Group 14 Compounds. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1067-1070.	2.0	31
25	Synthesis and reactivity of subvalent compounds. Part 13: Reaction of triethyl orthoformate with amines and selenium—a convenient one-step three-component synthesis for selenoureas. <i>Tetrahedron Letters</i> , 2003, 44, 1295-1299.	1.4	29
26	Synthesis and reactivity of subvalent compounds. <i>Journal of Organometallic Chemistry</i> , 2001, 617-618, 737-740.	1.8	28
27	The Variable Strength of the Sulfur-Sulfur Bond: 78 to 41 kcal mol ⁻¹ G3, CBS-Q, and DFT Bond Energies of Sulfur (S ₈) and Disulfanes XSSX (X = H, F, Cl, CH ₃ , CN, NH ₂ , OH, Tj ETQq1210.784314 rgBT /		
28	Synthesis and reactivity of subvalent compounds. <i>Journal of Organometallic Chemistry</i> , 2000, 608, 122-125.	1.8	26
29	Reaction of 1,2-dibromoethane with primary amines: formation of N, N'-disubstituted ethylenediamines RNH-CH ₂ -CH ₂ -NHR and homologous polyamines RNH-[CH ₂ -CH ₂ -NR] _n -H. <i>Tetrahedron</i> , 2003, 59, 7565-7570.	1.9	13
30	Reductive dehalogenation of DDT with folate models: Formation of the DDT metabolite spectrum under biomimetic conditions. <i>Chemosphere</i> , 2018, 191, 408-411.	8.2	13
31	Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen, CII. Fünfstufige MN ₄ -Metallkomplexe von Niob und Tantal mit Dimethylsilyl-Substituenten. <i>Chemische Berichte</i> , 1992, 125, 117-118.	0.2	10
32	Alkylation of ethylenethiourea with alcohols: a convenient synthesis of S-alkyl-isothioureas without toxic alkylating agents. <i>Tetrahedron Letters</i> , 2005, 46, 7597-7599.	1.4	10
33	Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen, XCVI Niob- und Tantal-Komplexe mit Imido-Liganden. <i>Chemische Berichte</i> , 1991, 124, 2401-2404.	0.2	8
34	The thermodynamic stability of P8, A CBS-Q study. <i>Heteroatom Chemistry</i> , 2005, 16, 453-457.	0.7	7
35	Nature's hydrides: rapid reduction of halocarbons by folate model compounds. <i>Chemical Science</i> , 2017, 8, 1883-1887.	7.4	7
36	Reduction of halocarbons to hydrocarbons by NADH models and NADH. <i>Chemosphere</i> , 2019, 233, 890-895.	8.2	4

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37	Synthesis and Reactivity of Subvalent Compounds. Part 13. Reaction of Triethyl Orthoformate with Amines and Selenium " A Convenient One-Step Three-Component Synthesis for Selenoureas.. ChemInform, 2003, 34, no.	0.0	0
38	Alkylation of Ethylenethiourea with Alcohols: A Convenient Synthesis of S-Alkyl-isothioureas Without Toxic Alkylating Agents.. ChemInform, 2006, 37, no.	0.0	0
39	Silylenes, Stable and Unstable. , 0, , 251-261.		0