C Gunnar Werncke

List of Publications by Year
in descending order

33	863	567144 15	501076 28
papers	citations	h-index	g-index

37	37	37	982
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Very Low Oxidation States in Organometallic Chemistry. , 2022, , 86-108.		1
2	Synthesis of the open-shell 3d-transition metal(<scp>ii</scp>) bis(phosphinidenide) [Mn{P(sIDipp)}₂]. Dalton Transactions, 2022, 51, 1765-1768.	1.6	1
3	On the Synthesis of a Tâ€Shaped Imido Nickel Complex and Trigonal Amido Nickel Complexes. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	6
4	Trendbericht Anorganik 2022 Teil 2: Nebengruppen und Koordinationschemie, Bioanorganik und mehr. Nachrichten Aus Der Chemie, 2022, 70, 52-62.	0.0	0
5	Intricate Road to Linear Anionic Nickel(I) Hexamethyldisilazanide [Ni(N(SiMe₃)₂)₂]^{â^'}. Inorganic Chemistry, 2022, 61, 7794-7803.	1.9	5
6	Between imide, imidyl and nitrene â€“ an imido iron complex in two oxidation states. Chemical Science, 2022, 13, 7907-7913.	3.7	15
7	Reductive Coupling of (Fluoro)pyridines by Linear 3dâ€Metal(I) Silylamides of Crâ€“Co: A Tale of Câ^'C Bond Formation, Câ^'F Bond Cleavage and a Pyridyl Radical Anion. Chemistry - A European Journal, 2021, 27, 4932-4938.	1.7	15
8	A Molecular Lowâ€Coordinate [Feâ€Sâ€Fe] Unit in Three Oxidation States. Chemistry - A European Journal, 2021, 27, 6348-6353.	1.7	12
9	Highâ€Spinâ€Imidocobaltkomplexe mit Imidylradikalcharakter**. Angewandte Chemie, 2021, 133, 15504-15508.	1.6	3
10	Highâ€Spin Imido Cobalt Complexes with Imidyl Radical Character**. Angewandte Chemie - International Edition, 2021, 60, 15376-15380.	7.2	22
11	Cobalt and Iron Stabilized Ketyl, Ketiminyl and Aldiminyl Radical Anions. Chemistry - A European Journal, 2021, 27, 16760-16767.	1.7	12
12	On the Synthesis and Reduction of Trigonal Halido Bis(silylamido) Metalates of Chromium to Cobalt. European Journal of Inorganic Chemistry, 2021, 2021, 4383-4392.	1.0	8
13	Homoleptic quasilinear metal(<scp>i</scp>/<scp>ii</scp>) silylamides of Crâ€“Co with phenyl and allyl functions â€“ impact of the oxidation state on secondary ligand interactions. Dalton Transactions, 2021, 50, 10947-10963.	1.6	8
14	Quasilinear 3d-metal(<scp>i</scp>) complexes [KM(N(Dipp)SiR₃)₂] (M = Crâ€“Co) â€“ structural diversity, solution state behaviour and reactivity. Dalton Transactions, 2021, 50, 4890-4903.	1.6	19
15	Synthesis and characterisation of a very low-coordinate diferrous [2Feâ€“2S]⁰ unit. Chemical Communications, 2021, 57, 10751-10754.	2.2	5
16	High-spin carbonyl complexes of iron(<scp>i</scp>) and cobalt(<scp>i</scp>). Dalton Transactions, 2021, 51, 179-184.	1.6	5
17	Câ€Hâ€Bindungsaktivierung durch einen Imidocobalt(III)â€•und den resultierenden Amidocobalt(II)â€Komplex. Angewandte Chemie, 2020, 132, 8605-8609.	1.6	18
18	Reactions of Alkynes with Quasi-Linear 3d Metal(I) Silylamides of Chromium to Cobalt: A Comparative Study. Inorganic Chemistry, 2020, 59, 9521-9537.	1.9	27

#	Article	IF	Citations
19	Câ^'H Bond Activation by an Imido Cobalt(III) and the Resulting Amido Cobalt(II) Complex. Angewandte Chemie - International Edition, 2020, 59, 8527-8531.	7.2	52
20	The ambiguous behaviour of diphosphines towards the quasilinear iron(i) complex [Fe(N(SiMe3)2)2]â^' â€“ between inertness, Pâ€“C bond cleavage and Câ€“C double bond isomerisation. Chemical Communications, 2020, 56, 2268-2271.	2.2	22
21	Reduction of 2,2â€²-Bipyridine by Quasi-Linear 3d-Metal(I) Silylamidesâ€”A Structural and Spectroscopic Study. Inorganics, 2019, 7, 117.	1.2	19
22	C-Halide bond cleavage by a two-coordinate iron(i) complex. Dalton Transactions, 2019, 48, 1757-1765.	1.6	20
23	Crystal Structure and Magnetic Characterization of Three-Coordinate [M{N(SiMe3)2}2(PCyp3)] Complexes with M = MnII, FeII, and CoII(Cyp = Cyclopentyl). European Journal of Inorganic Chemistry, 2017, 2017, 1041-1406.	1.0	17
24	Ising-type Magnetic Anisotropy and Slow Relaxation of the Magnetization in Four-Coordinate Amido-Pyridine Fe^{II} Complexes. Inorganic Chemistry, 2016, 55, 10968-10977.	1.9	17
25	Homoleptic Twoâ€Coordinate Silylamido Complexes of Chromium(I), Manganese(I), and Cobalt(I). Chemistry - A European Journal, 2016, 22, 1668-1674.	1.7	62
26	Iron-Catalyzed Reduction of CO₂ into Methylene: Formation of Câ€“N, Câ€“O, and Câ€“C Bonds. Journal of the American Chemical Society, 2015, 137, 9563-9566.	6.6	139
27	Iron-Catalyzed Câ€“H Borylation of Arenes. Journal of the American Chemical Society, 2015, 137, 4062-4065.	6.6	166
28	Twoâ€Coordinate Iron(I) Complex [Fe{N(SiMe₃)₂}₂]^{â^'}: Synthesis, Properties, and Redox Activity. Angewandte Chemie - International Edition, 2015, 54, 245-248.	7.2	95
29	Direct Proof for a Lower Reactivity of Monomeric vs. Dimeric Oxidovanadium Complexes in Alcohol Oxidation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2426-2432.	0.6	4
30	Haloperoxidase Activity of Oxovanadium(V) Thiobisphenolates. Chemistry - A European Journal, 2011, 17, 2931-2938.	1.7	20
31	Surfaceâ€Inspired Molecular Vanadium Oxide Catalysts for the Oxidative Dehydrogenation of Alcohols: Evidence for Metal Cooperation and Peroxide Intermediates. Chemistry - A European Journal, 2011, 17, 12129-12135.	1.7	13
32	Catalytic 1,3â€H Atom Shift of a Terminal Benzylic Alkyne by Iron and Alkali Metal Silylamides â€“ Switching between Allene and Internal Alkyne. European Journal of Inorganic Chemistry, 0, , .	1.0	4
33	NHCâ€Stabilized Parent Phosphinidene Adducts of Metal(II) Hexamethyldisilazanides of Manganese â€“ Cobalt and Their Lability in Solution. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , e202100338.	0.6	3