

Mikael HÅ¥kansson

List of Publications by Year in descending order

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citations

236925

25
h-index

330143

37
g-index

101
all docs

101
docs citations

101
times ranked

1823
citing authors

#	ARTICLE	IF	CITATIONS
1	Spontaneous Generation of Chirality in Simple Diaryl Ethers. <i>Chirality</i> , 2015, 27, 425-429.	2.6	5
2	Frontispiece: Absolute Asymmetric Synthesis: Viedma Ripening of [Co(bpy) ₃] ²⁺ and Solvent-Free Oxidation to [Co(bpy) ₃] ³⁺ . <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	3.3	0
3	Absolute Asymmetric Synthesis of a Tetrahedral Silver Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 8750-8753.	3.3	8
4	Absolute Asymmetric Synthesis: Viedma Ripening of [Co(bpy) ₃] ²⁺ and Solvent-Free Oxidation to [Co(bpy) ₃] ³⁺ . <i>Chemistry - A European Journal</i> , 2015, 21, 10630-10633.	3.3	20
5	Absolute asymmetric synthesis of five-coordinate complexes. <i>New Journal of Chemistry</i> , 2015, 39, 5936-5943.	2.8	9
6	Absolute Asymmetric Synthesis: Protected Substrate Oxidation. <i>Chemistry - A European Journal</i> , 2015, 21, 5211-5219.	3.3	34
7	Synthesis and Structure of a Novel Substituted Benzothiazolyl-N-phenyl-2-pyridinecarbothioamide; Kinetics of Formation and Electrochemistry of Two of its Palladium Pincer Complexes. <i>Australian Journal of Chemistry</i> , 2015, 68, 731.	0.9	17
8	A missing link between chiral four- and five-coordinate complexes. <i>New Journal of Chemistry</i> , 2015, 39, 3353-3356.	2.8	1
9	Accessing iron amides from dimesityliron. <i>Journal of Organometallic Chemistry</i> , 2015, 786, 40-47.	1.8	10
10	Antiplasmodial and cytotoxic activities of the constituents of <i>Turraea robusta</i> and <i>Turraea nilotica</i> . <i>Journal of Ethnopharmacology</i> , 2015, 174, 419-425.	4.1	23
11	A Versatile Dinucleating Ligand Containing Sulfonamide Groups. <i>Inorganic Chemistry</i> , 2014, 53, 2873-2882.	4.0	12
12	Absolute Asymmetric Synthesis of Enantiopure Organozinc Reagents, Followed by Highly Enantioselective Chlorination. <i>Chemistry - A European Journal</i> , 2013, 19, 12415-12423.	3.3	14
13	Toward absolute asymmetric synthesis of coordination polymers with bidentate sulfide ligands. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 17-22.	1.8	10
14	Spontaneous resolution versus formation of racemic crystals of indenylpotassium complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 741-742, 131-135.	1.8	4
15	Sterically Governed Selectivity in Palladium-Assisted Allylic Alkylation. <i>Organometallics</i> , 2011, 30, 230-238.	2.3	15
16	Spontaneous Resolution and Carbonation of Chiral Benzyl lithium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3029-3039.	2.0	16
17	Concomitant polymorphism: Crystallising dichloro-bis(2,4-lutidine)-zinc as both chiral and racemic phases. <i>Inorganica Chimica Acta</i> , 2010, 363, 257-262.	2.4	12
18	An investigation of Cu(II) and Ni(II)-catalysed hydrolysis of (di)imines. <i>Inorganica Chimica Acta</i> , 2010, 363, 3102-3112.	2.4	9

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19	Hydrogen-bonded network structures in dipyridinium, bis(2-methylpyridinium), bis(3-methylpyridinium) and bis(4-methylpyridinium) dioxidobis(oxydiacetato)uranate(VI). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010, 66, m69-m74.	0.4	6
20	Family of Isoreticular Chiral Metal-Organic Frameworks Based on Coordination and Hydrogen Bonds in $[M[Co(ethylenediamine)(oxalato)_2]_2]$. <i>Crystal Growth and Design</i> , 2010, 10, 1971-1978.	3.0	18
21	Toward Total Spontaneous Resolution of <i>sec</i> -Butylzinc Complexes. <i>Organometallics</i> , 2010, 29, 177-183.	2.3	13
22	A Different Approach to Enantioselective Organic Synthesis: Absolute Asymmetric Synthesis of Organometallic Reagents. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3137-3140.	13.8	49
23	Total Spontaneous Resolution of Five-Coordinate Complexes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5869-5871.	13.8	37
24	Dipyridinium dichromate: an achiral compound forming chiral crystals. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m182-m184.	0.4	4
25	Diphenyldipyridinezinc(II): partial spontaneous resolution of an organometallic reagent. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m205-m207.	0.4	4
26	catena-Poly[[bis(acetylacetonato- η^2 O,O η^2)cobalt(II)]- $\frac{1}{4}$ -1,3-di-4-pyridylpropane- η^2 N:N η^2]: a one-dimensional coordination polymer capable of forming clathrates with prochiral aldehydes. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m325-m327.	0.4	1
27	Total spontaneous resolution of nine-coordinate complexes. <i>CrystEngComm</i> , 2009, 11, 1979.	2.6	25
28	Synthesis and Total Spontaneous Resolution of an Octanuclear Organo(oxo)zinc Complex. <i>Organometallics</i> , 2009, 28, 3567-3569.	2.3	25
29	Oxalate- and Squarate-Biimidazole Supramolecular Synthons: Hydrogen-Bonded Networks Based on $[Co(H_2O)_2(biimidazole)_3]^{3+}$. <i>Crystal Growth and Design</i> , 2009, 9, 2821-2827.	3.0	25
30	Investigation of commercial sodium cacodylate trihydrate: penta- $\frac{1}{4}$ -aqua-disodium(I) bis(dimethylarsenate) and di- $\frac{1}{4}$ -aqua-bis[triaquasodium(I)] bis(dimethylarsenate). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, m13-m16.	0.4	4
31	Slow atmospheric oxidation of diphenylzinc: di- $\frac{1}{4}$ -phenoxido-bis[(diethyl ether)phenylzinc(II)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, m10-m12.	0.4	1
32	Degradation of silicone grease by Grignard reagents: bis($\frac{1}{4}$ -dimethylphenylsilanolato- η^2 O:O)bis[bromido(diethyl ether)magnesium(II)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, m8-m9.	0.4	2
33	Synthesis, structure and some reactions of $(C_5Me_4hex)_2Ru_2(CO)_4$. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 343-348.	1.8	6
34	The catalytic oxidation of phenol in aqueous media using cobalt(II) complexes derived from N-(aryl) salicylaldimines. <i>Inorganica Chimica Acta</i> , 2008, 361, 2094-2100.	2.4	31
35	The Synthesis of Copper(II) Salicylaldiminato Complexes and their Catalytic Activity in the Hydroxylation of Phenol. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 331-338.	0.7	17
36	Labile Copper (I) Chloride Complexes: Preparation and Handling. <i>Inorganic Syntheses</i> , 2007, , 222-228.	0.3	30

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37	cis- and trans-Bis(benzoylacetato)pyridinecopper(ii): co-crystallisation of isomers and reversible pyridine loss with retention of crystallinity. <i>New Journal of Chemistry</i> , 2007, 31, 344-347.	2.8	32
38	Concomitant formation of chiral and racemic crystals of a diaryl sulfide. <i>CrystEngComm</i> , 2007, 9, 856.	2.6	21
39	Facile Synthesis of Well-Defined Sodium Hydridoalkylzincates(II). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6678-6680.	13.8	26
40	In search of conformationally chiral square-planar complexes: dichloridobis(2-methoxypyridine- η^5 N)copper(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m550-m552.	0.4	3
41	Diisopropyl(N,N- ϵ^2 , ϵ^2 -tetramethylethylenediamine)zinc(II), the first crystal structure of a diisopropylzinc complex. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m123-m125.	0.2	7
42	Coordination bonds and strong hydrogen bonds giving a framework material based on a 4- and 8-connected net in [Ca[Co(en)(oxalato) ₂] ₂] _n . <i>CrystEngComm</i> , 2006, 8, 666-669.	2.6	42
43	Studies of Complexes between Phenyllithium and ($\hat{\alpha}$)-Sparteine in Ether Solutions. <i>Organometallics</i> , 2006, 25, 6047-6053.	2.3	22
44	(3-Acetylpyridine- η^5 N)chlorobis(triphenylphosphine- η^3 P)copper(I): a suitable candidate for absolute asymmetric synthesis?. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m1569-m1571.	0.2	0
45	[4-(2-Aminoethyl)-1,4,7,10-tetraazadecane]lithium chloride: a bilayered structure displaying the rare TRENEN ligand. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m3518-m3520.	0.2	0
46	Tetranuclear homoleptic copper and silver aryls: 2,4,6-Triethylphenylcopper and 2,4,6-triethylphenylsilver. <i>Inorganica Chimica Acta</i> , 2006, 359, 2519-2524.	2.4	15
47	Copper(I)-mediated quaternisation of 1,4-diazabicyclo[2.2.2]octane (DABCO). Crystal structure of bis{(1-chloromethyl-4-aza-1-azoniabicyclo[2.2.2]octane)- $\eta^1/4$ -chloro-chlorocopper(I)}. <i>Inorganica Chimica Acta</i> , 2005, 358, 1309-1312.	2.4	17
48	Complexes between copper(I) halides and 1,2-phenylenediamine. <i>Inorganica Chimica Acta</i> , 2005, 358, 1327-1330.	2.4	13
49	Towards absolute asymmetric synthesis. Synthesis and crystal structure of stereochemically labile MCl ₂ (M=Co, Ni, Cu, Zn) complexes with diamine ligands. <i>Inorganica Chimica Acta</i> , 2005, 358, 3293-3302.	2.4	23
50	Resolution of Seven-Coordinate Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 1757-1762.	3.3	93
51	Absolute Asymmetric Synthesis of Stereochemically Labile Aldehyde Helicates and Subsequent Chirality Transfer Reactions. <i>Chemistry - A European Journal</i> , 2005, 11, 5238-5248.	3.3	41
52	Total Spontaneous Resolution of Chiral Covalent Networks from Stereochemically Labile Metal Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 5311-5318.	3.3	32
53	Chiral diethylzinc complexes with diamine ligands: synthesis, crystal structure and enantioselective solvent-free alkylation. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3846-3853.	1.8	16
54	N, ϵ^2 -Diphenylethylenediamine, an N ϵ^2 H... π - and C ϵ^2 H... π -bonded network. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o1245-o1247.	0.2	0

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55	catena-Poly[[3-acetylpyridine)copper(I)]- $\frac{1}{4}$ -3-chloro]. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1261-m1263.	0.2	3
56	N,N'-Dimethyl-N,N'-diphenylethylenediamine. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2904-o2906.	0.2	1
57	Non-stochastic homochiral helix crystallization: cryptochirality in control?. Mendeleev Communications, 2004, 14, 258-260.	1.6	24
58	Synthesis, crystal structure, and chirality of divalent lanthanide reagents containing tri- and tetraglyme. Journal of Organometallic Chemistry, 2004, 689, 1723-1733.	1.8	20
59	Dichloro(N,N'-trimethylethylenediamine)zinc(II). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m955-m957.	0.2	10
60	Dichloro(N-cyclohexyl-N,N'-trimethylethylenediamine- μ^2 N,N')copper(II). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m1068-m1070.	0.2	1
61	Unexpected structural similarity between the chlorocopper(I) unit and the methyl lithium and phenyllithium units. First complexes between ($\hat{\alpha}$)-sparteine and copper(I) chloride: synthesis and structural characterisation. New Journal of Chemistry, 2004, 28, 1000-1003.	2.8	16
62	Absolute Asymmetric Synthesis of α -Chiral-at-Metal Grignard Reagents and Transfer of the Chirality to Carbon. Chemistry - A European Journal, 2003, 9, 4678-4686.	3.3	60
63	Complexes between copper(I) chloride and polydentate aromatic amines. Inorganica Chimica Acta, 2003, 350, 209-214.	2.4	22
64	Chiral cis-octahedral Grignard reagents. Journal of Organometallic Chemistry, 2003, 681, 215-224.	1.8	23
65	Giving phenyllithium a right-handed double-helical twist. Syntheses and crystal structures of enantiopure alkyl-, aryl-, and amidolithium aggregates. Journal of Organometallic Chemistry, 2003, 682, 172-179.	1.8	40
66	Copper(II) is harder than copper(I): a novel mixed-valence example from alkoxide chemistry. New Journal of Chemistry, 2003, 27, 459.	2.8	12
67	A tetrameric copper(I) alkoxide with a π -tethered ligand: 2-allyl-6-methylphenoxocopper(I). Journal of Organometallic Chemistry, 2002, 649, 204-208.	1.8	19
68	Octahedral Grignard Reagents Can Be Chiral at Magnesium. Angewandte Chemie - International Edition, 2000, 39, 3435-3437.	13.8	35
69	Copper(I) alkoxides: preparation and structural characterisation of triphenylmethoxocopper(I) and of an octanuclear form of t-butoxocopper(I). Inorganica Chimica Acta, 2000, 304, 178-183.	2.4	34
70	Aurophilic association in endo -dicyclopentadienechlorogold(I). Journal of Organometallic Chemistry, 2000, 602, 133-136.	1.8	18
71	Tetrameric thienylcopper and pentanuclear thienylcuprate. Journal of Organometallic Chemistry, 2000, 595, 102-108.	1.8	19
72	Copper(I) complexes with conjugated dienes. Journal of Organometallic Chemistry, 2000, 602, 5-14.	1.8	20

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73	X-ray Structures and DFT Calculations on Rhodium π -Olefin Complexes: Comments on the ^{103}Rh NMR Shift-Stability Correlation. <i>Organometallics</i> , 2000, 19, 5589-5596.	2.3	47
74	Isolation and Spontaneous Resolution of Eight-Coordinate Stereoisomers. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2199-2201.	13.8	41
75	Multicomponent Polyanions. 52. Crystal Structure of Hexacaesium Monohydrogen Decamolybdo(VI)divanado(IV)phosphate(7-) Dihydrate.. <i>Acta Chemica Scandinavica</i> , 1999, 53, 305-313.	0.7	3
76	Pentamethylphenylcopper(I): a square-planar tetranuclear cluster. <i>Inorganica Chimica Acta</i> , 1998, 277, 233-236.	2.4	21
77	A Crystallographic and Computational Study of a Diethyl Ether Complex of Fluorenyllithium. <i>Organometallics</i> , 1998, 17, 1208-1214.	2.3	30
78	Toward Solution-State Structure. A ^6Li , ^1H HOESY NMR, X-ray Diffraction, Semiempirical (PM3, MNDO), and ab Initio Computational Study of a Chiral Lithium Amide. <i>Journal of the American Chemical Society</i> , 1998, 120, 8143-8149.	13.7	63
79	Homoleptic Copper(I) Alkoxide and Phenoxide Clusters Stabilized by Intramolecular π -Coordination: Tetrameric <i>o</i> -Allylphenoxocopper(I) and Hexameric 2-Methyl-3-buten-2-oxocopper(I). <i>Organometallics</i> , 1998, 17, 210-215.	2.3	26
80	Mesitylcopper: Tetrameric and Pentameric. <i>Organometallics</i> , 1997, 16, 4243-4244.	2.3	100
81	Structure of [1.1]Ferrocenophanyllithium in the Solution and the Solid State. Absence of an Intramolecular $[\text{C}^{\delta-}\text{H}^{\delta+}\text{C}]$ -Hydrogen Bond. <i>Journal of the American Chemical Society</i> , 1997, 119, 1745-1750.	13.7	13
82	Carbonylation of a Tetrameric Aryloxocopper(I) Cluster. <i>Inorganic Chemistry</i> , 1997, 36, 3232-3236.	4.0	35
83	Chiral Lithium Amide/Solute Complexes: X-ray Crystallographic and NMR Spectroscopic Studies. <i>Organometallics</i> , 1997, 16, 3352-3362.	2.3	51
84	Products of the reaction between copper(I) phenoxide and triphenylphosphine. <i>Inorganica Chimica Acta</i> , 1997, 254, 361-366.	2.4	18
85	Arylmagnesium to Arylcopper Conversion Monitored by Solid State Characterization of Halide Intermediates. Synthesis of Homoleptic (<i>o</i> -Vinylphenyl)copper. <i>Organometallics</i> , 1996, 15, 4823-4831.	2.3	49
86	Single-Source Precursors of Lead Titanate: Synthesis, Molecular Structure and Reactivity of $\text{Pb}_2\text{Ti}_2(\mu_4\text{-O})(\mu_3\text{-O-i-Pr})_2(\mu\text{-O-i-Pr})_4(\text{O-i-Pr})_4$. <i>Inorganic Chemistry</i> , 1995, 34, 628-632.	4.0	72
87	Transition States in the Crystalline Phase? Thermal Rearrangements of Solid 4H-1,2,4-Triazoles.. <i>Acta Chemica Scandinavica</i> , 1995, 49, 676-682.	0.7	11
88	Copper(I)-induced activation of monosubstituted acetylenes. Perturbation of ligand geometry resulting from π -complexation. <i>Journal of Organometallic Chemistry</i> , 1994, 474, 229-236.	1.8	18
89	Crystal structure of ferrocenophanyllithium: absence of an intramolecular $\text{C}^{\delta-}\text{H}^{\delta+}\text{C}$ hydrogen bond. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1573-1574.	2.0	10
90	Diglyme ($\text{C}_6\text{H}_{14}\text{O}_3$) complexes of molybdenum and tungsten: crystal structures of $[\text{MO}_2\text{Cl}_2(\text{C}_6\text{H}_{14}\text{O}_3)]$ ($\text{M} = \text{Mo}$ or W). <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1045-1049.	1.1	14

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91	Interpretation of carbonyl frequencies in the infrared spectrum of solid Cu(CO)Cl. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1992, 48, 1149-1152.	0.1	9
92	Helical Structures of Z,Z-1,4-Bis(3,5-di-tert-butylstyryl)benzene and Z,Z,Z-4,4'-Bis(3,5-di-tert-butylstyryl)stilbene in the Solid State.. <i>Acta Chemica Scandinavica</i> , 1992, 46, 1160-1165.	0.7	7
93	A comparative study of 1,7-octadiene and 1,7-octadiyne complexes of copper(I) chloride: preparation and molecular structures. <i>Journal of Organometallic Chemistry</i> , 1991, 421, 347-356.	1.8	25
94	A far infrared investigation of anionic species present in solution during the crystallization of a polynuclear bromocuprate(I) cluster containing three-coordinated copper (I). <i>Journal of Crystallographic and Spectroscopic Research</i> , 1989, 19, 147-157.	0.2	10
95	Synthesis and crystal structure of a polymeric complex between 1-penten-3-one and copper(I) chloride. <i>Journal of Organometallic Chemistry</i> , 1987, 336, 279-285.	1.8	12
96	Structure of a Polymeric Complex Between Acrylaldehyde and Copper(I) Chloride.. <i>Acta Chemica Scandinavica</i> , 1986, 40a, 58-62.	0.7	13
97	Preparation and Structural Characterisation of a Tetrameric Complex Between 3-Butene-2-one and Copper(I) Chloride.. <i>Acta Chemica Scandinavica</i> , 1986, 40a, 194-199.	0.7	10