Harald Krautscheid

List of Publications by Year
in descending order

206	5,526	71102	118850
papers	citations	41 h-index	62 g-index

223	223	223	5508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	1,2,4-Triazolyl-4-acetate: a ditopic ligand combining soft and hard donor sites in homometallic (Ag^I) and heterometallic (Ag^I/U^{VI}) coordination polymers. CrystEngComm, 2022, 24, 2241-2250.	2.6	3
2	Mononuclear and polymeric zinc(II) Î²-diketonate complexes with aromatic N-donor ligands: Structural, spectral, thermal, theoretical and docking studies. Polyhedron, 2022, 218, 115757.	2.2	0
3	Hydrocarbon Sorption in Flexible MOFsâ€"Part I: Thermodynamic Analysis with the Dubinin-Based Universal Adsorption Theory (D-UAT). Nanomaterials, 2022, 12, 2415.	4.1	2
4	Semiconductive coordination polymers with continuous Ï€â€“Ï€ interactions and defined crystal structures. Chemical Communications, 2021, 57, 10407-10410.	4.1	6
5	Hot-phonon effects in photo-excited wide-bandgap semiconductors. Journal of Physics Condensed Matter, 2021, 33, 205701.	1.8	6
6	Proton and Electron Transfer in the Formation of a Copper Dithiolene-Based Coordination Polymer. Inorganic Chemistry, 2021, 60, 9008-9018.	4.0	3
7	1D, 2D, and 3D Coordination Polymers based on 2,3â€Pyrazinedithiolate and d 10 Metal Ions (Ag + , Zn 2+). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1721-1728.	1.2	2
8	Ethereal Hydroperoxides: Powerful Reagents for S-Oxygenation of Bridging Thiophenolate Functions. Inorganic Chemistry, 2021, 60, 13517-13527.	4.0	1
9	Epitaxial growth of rhombohedral Î²- and cubic Î³-CuI. Journal of Crystal Growth, 2021, 570, 126218.	1.5	6
10	Dynamics of excitonâ€"polariton emission in CuI. APL Materials, 2021, 9, .	5.1	8
11	Naphthoquinone-derivative as a synthetic compound to overcome the antibiotic resistance of methicillin-resistant S. aureus. Communications Biology, 2020, 3, 529.	4.4	39
12	Influence of Alkali Metal Cations on the Photodimerization of Bromo Cinnamates Studied by Solid-State NMR. Journal of Physical Chemistry C, 2020, 124, 27614-27620.	3.1	1
13	Dithiolâ€"Dithione Tautomerism of 2,3-Pyrazinedithiol in the Synthesis of Copper and Silver Coordination Compounds. Inorganic Chemistry, 2020, 59, 16441-16453.	4.0	7
14	Synthesis, Spectroscopic Characterization, Structural Studies, and In Vitro Antitumor Activities of Pyridine-3-carbaldehyde Thiosemicarbazone Derivatives. Journal of Chemistry, 2020, 2020, 1-12.	1.9	5
15	Synthesis, Crystal Structures, and Thermolysis Studies of Heteronuclear Transition Metal Aluminum Alcoholates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1449-1457.	1.2	1
16	Bulk polarity of 3,5,7-trinitro-1-azaadamantane mediated by asymmetric NO₂(lone) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Chemistry, 2020, 76, 598-604.	0.5	6
17	Control over the coordination preferences in Ag+ and Ag+/UO22+ 1,2,4-triazolecarboxylate frameworks. Inorganic Chemistry Communication, 2020, 113, 107813.	3.9	5
18	Crystal structure and Hirshfeld surface analysis of 4,4â€²-(propane-1,3-diyl)bis(4H-1,2,4-triazol-1-ium) pentafluoridooxidovanadate(V). Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 780-784.	0.5	4

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19	Synthesis and crystal structures of two new lead(II) complexes with the pincer-type ligand 4â€²-(4-chlorophenyl)-2,2â€²:6â€²,2â€³-terpyridine (Cl-Ph-tpy): subtle interplay of weak intermolecular interactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 1043-1048.	0.7	0
20	Spectral, structural and theoretical study of the effects of thiocyanato and dicyanamido ligands on the geometry of Pb^{II}complexes containing a triazinic ligand. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1023-1030.	0.5	4
21	Photochemical low-temperature synthesis of iron(III) oxide thin films. Applied Surface Science, 2019, 493, 525-532.	6.1	8
22	Desolvation process in the flexible metalâ€“organic framework [Cu(Me-4py-trz-ia)], adsorption of dihydrogen and related structure responses. CrystEngComm, 2019, 21, 6523-6535.	2.6	9
23	An optimized method for an (2R,3S)-isocitric acid building block. Monatshefte FÃ¼r Chemie, 2019, 150, 247-253.	1.8	8
24	Heteroepitaxial growth of Î±-, Î²-, Î³- and Î´-Ga2O3 phases by metalorganic vapor phase epitaxy. Journal of Crystal Growth, 2019, 510, 76-84.	1.5	59
25	Spectral, structural and theoretical study of novel helical and linear structures of PbI₂ and PbBr₂ complexes with a triazine ligand. Journal of Coordination Chemistry, 2019, 72, 1876-1889.	2.2	5
26	A Molybdenum Trioxide Hybrid Decorated by 3-(1,2,4-Triazol-4-yl)adamantane-1-carboxylic Acid: A Promising Reaction-Induced Self-Separating (RISS) Catalyst. Inorganic Chemistry, 2019, 58, 16424-16433.	4.0	8
27	Facile and selective polynitrations at the 4-pyrazolyl dual backbone: straightforward access to a series of high-density energetic materials. New Journal of Chemistry, 2019, 43, 1305-1312.	2.8	35
28	Coordination of a triazine ligand with Cu^{II} and Ag^I investigated by spectral, structural, theoretical and docking studies. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1389-1397.	0.5	6
29	Crystal structure of poly[[[Î¼₄-3-(1,2,4-triazol-4-yl)adamantane-1-carboxylato-Îº⁵N¹:N²:O¹:O¹,O^{1â€²}]silver(I)] dihydrate]. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1145-1148.	0.5	2
30	Multifrequency EPR, SQUID, and DFT Study of Cupric Ions and Their Magnetic Coupling in the Metalâ€“Organic Framework Compound _{âˆž}³[Cu(przâ€“trzâ€“ia)]. Journal of Physical Chemistry C, 2018, 122, 26642-26651.	3.1	5
31	Docking studies to evaluate the biological activities of the Co(II) and Ni(II) complexes containing the triazine unit: supported by structural, spectral, and theoretical studies. Journal of Coordination Chemistry, 2018, 71, 3893-3911.	2.2	21
32	Can a temporary bond between dye and redox mediator increase the efficiency of p-type dye-sensitized solar cells?. Journal of Molecular Modeling, 2018, 24, 317.	1.8	1
33	Synthesis, structures and antimicrobial activities of nickel(II) and zinc(II) diaminomaleonitrile-based complexes. Transition Metal Chemistry, 2018, 43, 555-562.	1.4	10
34	Making an order: the concerted alignment of [MOF₅]^{2â^’} (M = Nb) Tj ETQq0 0 0 rgBT /Overlock tris(3,4,5-trimethyl-1H-pyrazole)copper(II). Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 929-935.	0.5	2
35	A Series of Homoâ€•and Heteroleptic Iron(III) Alkoxides as Precursors for Fe₂O₃. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 180-185.	1.2	3
36	Homoâ€•and Heteroleptic Coordination Polymers and Oxido Clusters of Bismuth(III) Vinylsulfonates. Chemistry - A European Journal, 2018, 24, 16630-16644.	3.3	11

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37	Synthesis and Crystal Structures of Copper Zinc Phenylthiolate and the First Copper Zinc Selenolate and Tellurolate Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 932-937.	1.2	3
38	Ultrasonic assistance syntheses of new nano-sized lead(II) coordination polymers: motifs for PbO preparation. Journal of the Iranian Chemical Society, 2017, 14, 1271-1279.	2.2	1
39	Copper iodide synthesized by iodization of Cu-films and deposited using MOCVD. Journal of Crystal Growth, 2017, 471, 21-28.	1.5	15
40	Structural, spectral and theoretical aspects in the coordination of a triazine-based ligand toward lead(II) with a holodirected environment. Polyhedron, 2017, 133, 146-154.	2.2	28
41	Triazolyl, Imidazolyl, and Carboxylic Acid Moieties in the Design of Molybdenum Trioxide Hybrids: Photophysical and Catalytic Behavior. Inorganic Chemistry, 2017, 56, 4380-4394.	4.0	20
42	Copper Zinc Thiolate Complexes as Potential Molecular Precursors for Copper Zinc Tin Sulfide (CZTS). Chemistry - A European Journal, 2017, 23, 3338-3346.	3.3	13
43	Exploration of a Variety of Copper Molybdate Coordination Hybrids Based on a Flexible Bis(1,2,4-triazole) Ligand: A Look through the Composition-Space Diagram. Inorganic Chemistry, 2017, 56, 12952-12966.	4.0	15
44	Zinc Tin Chalcogenide Complexes and Their Evaluation as Molecular Precursors for Cu₂ZnSnS₄ (CZTS) and Cu₂ZnSnSe₄ (CZTSe). Inorganic Chemistry, 2017, 56, 13123-13131.	4.0	18
45	Lasing in cuprous iodide microwires. Applied Physics Letters, 2017, 111, .	3.3	14
46	Synthesis, characterization, crystal structure, and DFT studies of a cis dioxo -vanadium(V) complex containing a tridentate (NNO) Schiff base ligand. Journal of Molecular Structure, 2017, 1149, 432-438.	3.6	8
47	Development of Erasin: a chromone-based STAT3 inhibitor which induces apoptosis in Erlotinib-resistant lung cancer cells. Scientific Reports, 2017, 7, 17390.	3.3	20
48	A combined continuous wave electron paramagnetic resonance and DFT calculations of copper-doped 3âˆž[Cd_{0.98}Cu_{0.02}(prz-trz-ia)] metalâ€“organic framework. Physical Chemistry Chemical Physics, 2017, 19, 31030-31038.	2.8	2
49	A Series of Robust Copper-Based Triazolyl Isophthalate MOFs: Impact of Linker Functionalization on Gas Sorption and Catalytic Activity â€. Materials, 2017, 10, 338.	2.9	11
50	Crystal structures of dibromido{N-[(pyridin-2-yl-ÎºN)methylidene]picolinohydrazide-Îº²Nâ€²,O}cadmium methanol monosolvate and diiodido{N-[(pyridin-2-yl-ÎºN)methylidene]picolinohydrazide-Îº²Nâ€²,O}cadmium. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 698-701.	0.5	4
51	Crystal structure of bis{Nâ€²-[(E)-4-hydroxybenzylidene]pyridine-4-carbohydrazide-ÎºN1}diiodidocadmium methanol disolvate. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 28-30.	0.5	2
52	Synthesis and Characterization of Pure Phase Zn(II) and Cd(II) Oxide Nanoparticles via Thermal Decomposition of Four New Zn(II) and Cd(II) Coordination Polymers. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 962-974.	3.7	7
53	Chiral and Redoxâ€Active Roomâ€Temperature Ionic Liquids Based on Ferrocene and <scp>l</scp>â€Proline. European Journal of Inorganic Chemistry, 2016, 2016, 4573-4580.	2.0	8
54	Solid-State Ring-Opening Structural Transformation in Triazolyl Ethanesulfonate Based Silver Complexes. Crystal Growth and Design, 2016, 16, 5836-5842.	3.0	6

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55	Composition Space Analysis in the Development of Copper Molybdate Hybrids Decorated by a Bifunctional Pyrazolyl/1,2,4-Triazole Ligand. Inorganic Chemistry, 2016, 55, 239-250.	4.0	26
56	Adsorptive separation of C2/C3/C4-hydrocarbons on a flexible Cu-MOF: The influence of temperature, chain length and bonding character. Microporous and Mesoporous Materials, 2016, 224, 392-399.	4.4	18
57	Sonochemical synthesis and characterization of three nano zinc(II) coordination polymers; Precursors for preparation of zinc(II) oxide nanoparticles. Ultrasonics Sonochemistry, 2016, 32, 86-94.	8.2	20
58	Paddle Wheel Based Triazolyl Isophthalate MOFs: Impact of Linker Modification on Crystal Structure and Gas Sorption Properties. Inorganic Chemistry, 2016, 55, 3030-3039.	4.0	29
59	Metal complexes of benzimidazole derived sulfonamide: Synthesis, molecular structures and antimicrobial activity. Inorganica Chimica Acta, 2016, 443, 179-185.	2.4	49
60	A series of isomorphous Metal-Organic Frameworks with rtl topology â€“ Metal distribution and tunable sorption capacity via substitution of metal ions. Microporous and Mesoporous Materials, 2015, 216, 56-63.	4.4	12
61	Selective oxidation of cyclooctene over copper-containing metal-organic frameworks. Microporous and Mesoporous Materials, 2015, 216, 151-160.	4.4	36
62	Ag(I)-triazolylcarboxylates: The role of hydrocarbon tails in the formation of â€œsitting-on-layerâ€• supramolecular bowls. Inorganic Chemistry Communication, 2015, 62, 51-54.	3.9	5
63	Synthesis, Structure, and Electron Paramagnetic Resonance Study of a Mixed Valent Metalâ€“Organic Framework Containing Cu₂ Paddle-Wheel Units. Journal of Physical Chemistry C, 2015, 119, 4898-4907.	3.1	43
64	Single Crystal Electron Paramagnetic Resonance with Dielectric Resonators of Mononuclear Cu²⁺ Ions in a Metalâ€“Organic Framework Containing Cu₂ Paddle Wheel Units. Journal of Physical Chemistry C, 2015, 119, 19171-19179.	3.1	21
65	Synthesis of CuInS₂nanocrystals from a molecular complex â€“ characterization of the orthorhombic domain structure. Dalton Transactions, 2015, 44, 14227-14234.	3.3	10
66	Water stable triazolyl phosphonate MOFs: steep water uptake and facile regeneration. Dalton Transactions, 2015, 44, 18727-18730.	3.3	28
67	Synthesis and Structural Elucidation of Triazolylmolybdenum(VI) Oxide Hybrids and Their Behavior as Oxidation Catalysts. Inorganic Chemistry, 2015, 54, 8327-8338.	4.0	36
68	¹¹³Cd Solidâ€State NMR for Probing the Coordination Sphere in Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2015, 21, 1118-1124.	3.3	27
69	Tuning the catalytic activity of the heteronuclear coordination polymers [CoxZn1â^'x(tdc)(bipy)] and [CoxZn1â^'x(Me2trzâ€“pba)2] in the epoxidation of cyclooctene via isomorphous substitution. Catalysis Communications, 2014, 44, 46-49.	3.3	9
70	Microimaging of transient guest profiles to monitor mass transfer in nanoporous materials. Nature Materials, 2014, 13, 333-343.	27.5	187
71	Conducting behavior of chalcopyrite-type CuGaS2 crystals under visible light. Physical Chemistry Chemical Physics, 2014, 16, 21860-21866.	2.8	6
72	Mixed-ligand hydroxocopper(ii)/pyridazine clusters embedded into 3D framework lattices. Dalton Transactions, 2014, 43, 8530-8542.	3.3	17

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73	Structural flexibility of a copper-based metalâ€“organic framework: sorption of C₄-hydrocarbons and in situ XRD. Journal of Materials Chemistry A, 2014, 2, 8075-8085.	10.3	36
74	Triazolylâ€“Based Copperâ€“Molybdate Hybrids: From Composition Space Diagram to Magnetism and Catalytic Performance. Inorganic Chemistry, 2014, 53, 10112-10121.	4.0	38
75	Network Flexibility: Control of Gate Opening in an Isostructural Series of Ag-MOFs by Linker Substitution. Inorganic Chemistry, 2014, 53, 7599-7607.	4.0	32
76	1,2,4-Triazolyl-Carboxylate-Based MOFs Incorporating Triangular Cu(II)-Hydroxo Clusters: Topological Metamorphosis and Magnetism. Inorganic Chemistry, 2014, 53, 3642-3654.	4.0	62
77	Waterâ€Mediated Proton Conduction in a Robust Triazolyl Phosphonate Metalâ€“Organic Framework with Hydrophilic Nanochannels. Chemistry - A European Journal, 2014, 20, 8862-8866.	3.3	35
78	Trialkylphosphine-Stabilized Copper(I) Dialkylaluminum(III) Ethanedithiolate Complexes: Single-Source Precursors and a Novel Modification of Copper Aluminum Disulfide. Inorganic Chemistry, 2014, 53, 1614-1623.	4.0	12
79	Synthesis and magnetotransport properties of nanocrystalline graphite prepared by aerosol assisted chemical vapor deposition. Carbon, 2014, 67, 10-16.	10.3	7
80	Organoâ€Gallium/Indium Chalcogenide Complexes of Copper(I): Molecular Structures and Thermal Decomposition to Ternary Semiconductors. Chemistry - A European Journal, 2014, 20, 1318-1331.	3.3	20
81	Synthesis, Crystal Structure and Catalytic Behavior of Homo- and Heteronuclear Coordination Polymers [M(tdc)(bpy)] (M²⁺ = Fe²⁺, Co²⁺, Zn²⁺,) Tj ETQq1 1 0.784314 rgBT /Ov 8738-8742.	4.0	36
82	Unprecedented Trapping of Difluorooctamolybdate Anions within an Î±-Polonium Type Coordination Network. Inorganic Chemistry, 2013, 52, 8784-8794.	4.0	13
83	Synthesis and Crystal Structures of [(iPr3P)2Cu(Î¼-ESiMe3)(InMe3)] (E = S, Se): Lewis Acid-Base Adducts with Chalcogen Atoms in Planar Coordination. European Journal of Inorganic Chemistry, 2013, 2013, 4727-4731.	2.0	10
84	Time dependent water uptake in Cu3(btc)2 MOF: Identification of different water adsorption states by 1H MAS NMR. Microporous and Mesoporous Materials, 2013, 180, 8-13.	4.4	41
85	Modular construction of 3D coordination frameworks incorporating SiF62â¯ links: Accessing the significance of [M(pyrazole)4{SiF6}] synthon. CrystEngComm, 2013, 15, 8280.	2.6	26
86	Self-assembly cavitand precisely recognizing hexafluorosilicate: a concerted action of two coordination and twelve CHâ‹¯F bonds. Chemical Communications, 2013, 49, 9018.	4.1	13
87	Coordination polymers based on 1,1â€²-cobaltocenium dicarboxylate linkers. CrystEngComm, 2013, 15, 8437.	2.6	3
88	Tetranuclear organometallic complexes based on 1,2-ethanedithiolate ligands as potential precursors for CuMS2 (M = Ga, In). Dalton Transactions, 2013, 42, 9613.	3.3	13
89	Functionalized Adamantane Tectons Used in the Design of Mixed-Ligand Copper(II) 1,2,4-Triazolyl/Carboxylate Metalâ€“Organic Frameworks. Inorganic Chemistry, 2013, 52, 863-872.	4.0	59
90	Adsorption of Small Molecules on Cu₃(btc)₂ and Cu_{3â€“x}Zn_x(btc)₂ Metalâ€“Organic Frameworks (MOF) As Studied by Solid-State NMR. Journal of Physical Chemistry C, 2013, 117, 7703-7712.	3.1	47

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91	Synthesis, Crystal Structure, and Solid-State NMR Investigations of Heteronuclear Zn/Co Coordination Networks â€" A Comparative Study. Inorganic Chemistry, 2013, 52, 4431-4442.	4.0	17
92	Investigation of the spin-lattice relaxation of 13CO and 13CO2 adsorbed in the metal-organic frameworks Cu3(btc)2 and Cu3â^'xZnx(btc)2. Journal of Chemical Physics, 2013, 139, 034202.	3.0	14
93	Pure and mixed gas adsorption of CH4 and N2 on the metalâ€"organic framework BasoliteÂ® A100 and a novel copper-based 1,2,4-triazolyl isophthalate MOF. Journal of Materials Chemistry, 2012, 22, 10274.	6.7	115
94	Trialkylphosphine-Stabilized Copper(I) Gallium(III) Phenylchalcogenolate Complexes: Crystal Structures and Generation of Ternary Semiconductors by Thermolysis. Inorganic Chemistry, 2012, 51, 6655-6666.	4.0	26
95	New organometallic single-source precursors for CuGaS2 â€" polytypism in gallite nanocrystals obtained by thermolysis. Dalton Transactions, 2012, 41, 8635.	3.3	28
96	Formation of Mixed Metal Cu_{3â€"x}Zn_x(btc)₂ Frameworks with Different Zinc Contents: Incorporation of Zn²⁺ into the Metalâ€"Organic Framework Structure as Studied by Solid-State NMR. Journal of Physical Chemistry C, 2012, 116, 20866-20873.	3.1	58
97	Synthesis and characterization of three dinuclear complexes of AgI with 2,3-bis(2-pyridyl)pyrazine and derivated of trifluoromethyldiketonate ligands. Journal of Molecular Structure, 2012, 1022, 25-31.	3.6	5
98	Koordinationspolymere mit Tris(4â€carboxyphenyl)â€phosphanoxid als Ligand â€" Synthese, Kristallstrukturen und topologische Untersuchungen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1839-1848.	1.2	3
99	Assembly of three binuclear complexes of Ag^Iwith 2,3-bis(2-pyridyl)pyrazine and benzoyltrifluoroacetonate ligands. Journal of Coordination Chemistry, 2012, 65, 1882-1891.	2.2	10
100	Assessment of hydrogen storage by physisorption in porous materials. Energy and Environmental Science, 2012, 5, 8294.	30.8	75
101	A novel Zn₄O-based triazolyl benzoate MOF: synthesis, crystal structure, adsorption properties and solid state¹³C NMR investigations. Dalton Transactions, 2012, 41, 817-824.	3.3	15
102	Solid-State Syntheses of Coordination Polymers by Thermal Conversion of Molecular Building Blocks and Polymeric Precursors. Inorganic Chemistry, 2012, 51, 6180-6189.	4.0	24
103	Facile access to a series of large polycondensed pyridazines and their utility for the supramolecular synthesis of coordination polymers. Chemical Communications, 2012, 48, 5847.	4.1	10
104	AgI/VVHeterobimetallic Frameworks Generated from Novel-Type {Ag2(VO2F2)2(triazole)4} Secondary Building Blocks: A New Aspect in the Design of SVOF Hybrids. Inorganic Chemistry, 2012, 51, 8025-8033.	4.0	58
105	1,2,4-Triazole functionalized adamantanes: a new library of polydentate tectons for designing structures of coordination polymers. Dalton Transactions, 2012, 41, 8675.	3.3	52
106	An Isomorphous Series of Cubic, Copper-Based Triazolyl Isophthalate MOFs: Linker Substitution and Adsorption Properties. Inorganic Chemistry, 2012, 51, 7579-7586.	4.0	40
107	Solvothermal Synthesis and Characterization of Large-Crystal All-Silica, Aluminum-, and Boron-Containing Ferrierite Zeolites. Chemistry of Materials, 2011, 23, 2521-2528.	6.7	35
108	Trialkylphosphine-Stabilized Copper(I) Phenylchalcogenolate Complexes - Crystal Structures and Copperâ€"Chalcogenolate Bonding. Inorganic Chemistry, 2011, 50, 4742-4752.	4.0	32

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109	Synthesis, Crystal Structure, and Electron Paramagnetic Resonance Investigations of Heteronuclear CoII/ZnIland CoII/CdIICoordination Polymers. Inorganic Chemistry, 2011, 50, 213-219.	4.0	20
110	Self-assembly hexanuclear metallacontainer hosting halogenated guest species and sustaining structure of 3D coordination framework. Chemical Communications, 2011, 47, 1764-1766.	4.1	18
111	Synthesis and structural characterization of new dinuclear silver(I) complexes: Different coordination modes of substituted 1,2,4-triazine ligands. Journal of Molecular Structure, 2011, 1006, 324-329.	3.6	13
112	A novel copper-based MOF material: Synthesis, characterization and adsorption studies. Microporous and Mesoporous Materials, 2011, 142, 62-69.	4.4	53
113	Strukturen der Dimethylerdmetallphenylchalkogenolate [(Me₂MEPh)_n] mit M = Ga, In, Tl und E = S, Se, Te. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1909-1921.	1.2	7
114	New organicâ€“inorganic frameworks incorporating iso- and heteropolymolybdate units and a 3,3â€²,5,5â€²-tetramethyl-4,4â€²-bi-1H-pyrazole-2,2â€²-diium multiple hydrogen-bond donor. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, m378-m383.	0.4	4
115	A Microporous Copper Metalâ€“Organic Framework with High H₂ and CO₂ Adsorption Capacity at Ambient Pressure. Angewandte Chemie - International Edition, 2011, 50, 10344-10348.	13.8	106
116	â€œFluoride molecular scissorsâ€• A rational construction of new Mo(VI) oxofluorido/1,2,4-triazole MOFs. Inorganic Chemistry Communication, 2011, 14, 1365-1368.	3.9	14
117	Selective crystallization of indigo B by a modified sublimation method and its redetermined structure. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2867-o2867.	0.2	42
118	Metal oxide-organic frameworks (MOOFs), a new series of coordination hybrids constructed from molybdenum(vi) oxide and bitopic 1,2,4-triazole linkers. Dalton Transactions, 2010, 39, 4223.	3.3	64
119	Highly functionalised 3,4,5-trisubstituted 1,2,4-triazoles for future use as ligands in coordination polymers. Tetrahedron Letters, 2010, 51, 653-656.	1.4	42
120	Copperâ€“bipyridine-catalyzed enantioselective Î±-amination of Î²-keto esters. Tetrahedron Letters, 2010, 51, 1860-1862.	1.4	23
121	Multiple anionÂ·Â·Â·Ï€ interactions with a soft selenium atom: Accommodation of NCSeâ¯ anions inside hydrophobic pockets of adamantane/1,2,4-triazole coordination framework. Inorganic Chemistry Communication, 2010, 13, 1576-1579.	3.9	13
122	A three-dimensional heterometallic CuI/VIV1,2-bis(1,2,4-triazol-4-yl)ethane framework: a new insight into the structure of vanadium oxyfluoride coordination hybrids. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, m269-m272.	0.4	2
123	catena-Poly[thorium(IV)-tetrakis(Î¼2-3-carboxyadamantane-1-carboxylato)]: a quadruple helical strand driven by a synergy of coordination and hydrogen bonding. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, m276-m279.	0.4	9
124	Anion Tuning of Cu(II)/4,4â€²â€Biâ€1,2,4â€Triazole Coordination Polymers. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 209-217.	1.2	18
125	Nâ€²-(2,6-Dichlorobenzylidene)-2-hydroxybenzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2603-o2603.	0.2	0
126	Highly efficient indium(iii)-mediated cyclisation of 5-hydroxy-1,3-diketones to 2,3-dihydro-4H-pyran-4-ones; mechanistic insights from in situFourier transform infrared spectroscopy. Organic and Biomolecular Chemistry, 2010, 8, 698-705.	2.8	13

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127	Monitoring the stepwise assembly of a 3-D framework from a supramolecular lanthanoid synthon by in situ infrared spectroscopy. Chemical Communications, 2010, 46, 5948.	4.1	4
128	Synthesis and Characterization of Lead(II) Complexes with the 4-Methoxybenzoyltrifluoroacetonate Ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 1027-1031.	0.7	6
129	(Di-tert-butylmethylphosphane)(Î·²-di-tert-butylphosphanylphosphinidene)(triphenylphosphane)platinum(0). Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, m21-m23.	0.4	2
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