

Jahn–Teller distortions in transition metal compounds functional molecular and inorganic materials

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Multiredox Active [3 Å– 3] Copper Grids. <i>Inorganic Chemistry</i> , 2013, 52, 9714-9716.	1.9	30
3	Theoretical Study of Mononuclear Nickel(I), Nickel(0), Copper(I), and Cobalt(I) Dioxygen Complexes: New Insight into Differences and Similarities in Geometry and Bonding Nature. <i>Inorganic Chemistry</i> , 2013, 52, 13146-13159.	1.9	12
4	A new copper-based metal-organic framework as a promising heterogeneous catalyst for chemo- and regio-selective enamination of β^2 -ketoesters. <i>Chemical Communications</i> , 2013, 49, 10299.	2.2	160
5	Reversible switching of the electronic ground state in a pentacoordinated Cu(ii) complex. <i>Chemical Communications</i> , 2013, 49, 7806.	2.2	13
6	Supramolecular Organization and Magnetic Properties of Mesogen-Hybridized Mixed-Valent Manganese Single Molecule Magnets [Mn ^{III} ₈ Mn ^{IV} ₄ O ₁₂ (L) ₆ (CB)] ₄₀ . <i>Journal of the American Chemical Society</i> , 2013, 135, 2708-2722.	6.6	40
7	Cu ²⁺ in Layered Compounds: Origin of the Compressed Geometry in the Model System K ₂ ZnF ₄ :Cu ²⁺ . <i>Inorganic Chemistry</i> , 2013, 52, 6923-6933.	1.9	23
8	Thermochromism, the Alexandrite Effect, and Dynamic Jahn-Teller Distortions in Ho ₂ Cu(TeO ₃) ₂ (SO ₄) ₂ . <i>Inorganic Chemistry</i> , 2013, 52, 13278-13281.	1.9	20
10	Hooked on switch: strain-managed cooperative Jahn-Teller effect in Li _{0.95} Mn _{2.05} O ₄ spinel. <i>RSC Advances</i> , 2014, 4, 65205-65212.	1.7	12
11	Room temperature syntheses, crystal structures and properties of two new heterometallic polymers based on 3-ethoxy-2-hydroxybenzaldehyde ligand. <i>Journal of Solid State Chemistry</i> , 2014, 220, 206-212.	1.4	21
12	The Back-Bonding Modulation and Its Impact in the Electronic Properties of Cu ^{II} Antineoplastic Compounds: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2014, 20, 13730-13741.	1.7	35
13	Crystal structure of bis(1,3-bis{[(1H-pyrrol-2-yl)methylidene]amino- δ^9 N}propan-2-olato- δ^9 O)manganese(III) nitrate methanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 210-212.	0.2	0
14	Five heterometallic SrII-MII (M=Co, Ni, Zn, Cu) 3-D coordination polymers: Synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2014, 71, 91-98.	1.0	12
15	Anion modulated structural variations in copper(II) complexes with a semicarbazone Schiff base: Synthesis, characterization and self assembly. <i>Polyhedron</i> , 2014, 77, 103-114.	1.0	14
16	Computational Insights on the Geometrical Arrangements of Cu(II) with a Mixed-Donor N ₃ S ₃ Macrobicyclic Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 512-521.	1.9	6
17	Synthesis, structure and catalytic applications of amidoterephthalate copper complexes in the diastereoselective Henry reaction in aqueous medium. <i>New Journal of Chemistry</i> , 2014, 38, 4837-4846.	1.4	46
18	Mixed-ligand hydroxocopper(ii)/pyridazine clusters embedded into 3D framework lattices. <i>Dalton Transactions</i> , 2014, 43, 8530-8542.	1.6	17
19	Reversible Switching of Electronic Ground State in a Pentacoordinated Cu(II) 1D Cationic Polymer and Structural Diversity. <i>Inorganic Chemistry</i> , 2014, 53, 6665-6674.	1.9	15
20	Remarkable Stability of Copper(II)-N-Heterocyclic Carbene Complexes Void of an Anionic Tether. <i>Organometallics</i> , 2014, 33, 2027-2038.	1.1	54

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22	Carbon Centered Trigonal Prismatic Tungsten Clusters [W ₆ CCl ₁₈] ⁿ⁺ (n = 1, 2) containing Copper(I) and Copper(II). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2245-2249.	0.6	5
23	Integration of Ligand Field Molecular Mechanics in Tinker. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1282-1290.	2.5	13
24	The vibrational Jahn–Teller effect in E _g –e systems. <i>Chemical Physics</i> , 2015, 460, 31-42.	0.9	7
25	Computational Insights into the Isomerism of Hexacoordinate Metal–Sarcophagine Complexes: The Relationship between Structure and Stability. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 503-511.	1.0	1
26	Sulfonated Schiff base dinuclear and polymeric copper(II) complexes: crystal structures, magnetic properties and catalytic application in Henry reaction. <i>New Journal of Chemistry</i> , 2015, 39, 3424-3434.	1.4	50
27	Mapping the Ultrafast Changes of Continuous Shape Measures in Photoexcited Spin Crossover Complexes without Long-Range Order. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3322-3330.	1.5	23
28	Dynamic Jahn–Teller Effect in the Metastable High-Spin State of Solvated [Fe(terpy) ₂] ²⁺ . <i>Journal of Physical Chemistry C</i> , 2015, 119, 3312-3321.	1.5	29
29	Raman Detected Sensing of Volatile Organic Compounds by Vapochromic Cu[AuX ₂ (CN) ₂] ₂ (X = Cl, Br) Coordination Polymer Materials. <i>Chemistry of Materials</i> , 2015, 27, 1465-1478.	3.2	47
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31	Heterometallic Sr ^{II} –M ^{II} (M=Co, Ni, Zn and Cu) Coordination Polymers: Synthesis, Temperature-Dependent Structural Transformation, and Luminescent and Magnetic Properties. <i>Chemistry - an Asian Journal</i> , 2015, 10, 411-421.	1.7	21
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33	[XeF ₅] ⁺ /Metal and [XeF ₅] ⁺ /Non-Metal Mixed-Cation Salts of Hexafluoroantimonate(V). <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1453-1456.	1.0	10
34	As-grown superconducting Pr ₂ CuO ₄ under thermodynamic constraints. <i>Applied Physics Express</i> , 2015, 8, 053101.	1.1	9
35	Synthesis, X-ray structural and thermal analysis of a novel copper compound containing dissymmetric independent 5- and 6-coordinate CuL(H ₂ O) _n (n=2,3) units and hydrogen bond bridges. <i>Acta Chimica Slovenica</i> , 2015, 62, 88-94.	0.2	6
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38	New binuclear copper(II) coordination polymer based on mixed pyrazolic and oxalate ligands: structural characterization and mechanical properties. <i>RSC Advances</i> , 2015, 5, 32369-32375.	1.7	6

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40	A heterospin pressure sensor. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7788-7791.	2.7	21
41	Crystal structure of trans-(1,8-dibutyl-1,3,6,8,10,13-hexaazacyclotetradecane- η^4 N3,N6,N10,N13)bis(perchlorato- η^2 O)copper(II) from synchrotron data. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 136-138.	0.2	5
42	Crystal structure of trans-(1,8-dibutyl-1,3,6,8,10,13-hexaazacyclotetradecane- η^4 N3,N6,N10,N13)bis(5-methyltetrazolato- η^1 N)nickel(II) from synchrotron data. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 173-175.	0.2	2
43	Crystal structure of trans-(1,8-dibutyl-1,3,6,8,10,13-hexaazacyclotetradecane- η^4 N3,N6,N10,N13)bis(isonicotinato- η^2 O)copper(II) from synchrotron data. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 203-205.	0.2	1
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48	Synthesis and coordination chemistry of 1,1,1-tris-(pyrid-2-yl)ethane. <i>Dalton Transactions</i> , 2015, 44, 1060-1069.	1.6	23
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60	A Genuine Jahn-Teller System with Compressed Geometry and Quantum Effects Originating from Zero-Point Motion. <i>ChemPhysChem</i> , 2016, 17, 2146-2156.	1.0	14
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66	Crystal engineering of a hybrid metal-organic host framework and its single-crystal-to-single-crystal guest exchange using second sphere coordination. <i>CrystEngComm</i> , 2016, 18, 2284-2288.	1.3	13
67	Copper oxalate complexes: synthesis and structural characterisation. <i>Chemical Papers</i> , 2016, 70, .	1.0	6
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73	Dihydroxo-bridged dimeric Cu(II) system containing sandwiched non-coordinating phenylacetate anion: Crystal structure, spectroscopic, anti-bacterial, anti-fungal and DNA-binding studies of [(phen)(H ₂ O)Cu(OH) ₂ Cu(H ₂ O)(phen)] ₂ ·6H ₂ O: (HLA=phenylacetic acid; phen=1,10-phenanthroline). <i>Journal of Molecular Structure</i> , 2017, 1143, 23-30.	1.8	15
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90	Pronounced conformational flexibility of physiological (L-histidinato)(L-threoninato)copper(II) in aqueous solution disclosed by a quantum chemical study. <i>Polyhedron</i> , 2017, 135, 121-133.	1.0	4
91	High-Performance Pyrochlore-Type Yttrium Ruthenate Electrocatalyst for Oxygen Evolution Reaction in Acidic Media. <i>Journal of the American Chemical Society</i> , 2017, 139, 12076-12083.	6.6	331
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102	Reversible Redox, Spin Crossover, and Superexchange Coupling in d^8 Transition-Metal Complexes of $\text{Bis}(\text{azanyl})\text{Terpyridine}$ Analogues of $2,2':6''',2''':6''''\text{-Terpyridine}$. European Journal of Inorganic Chemistry, 2018, 2018, 1212-1223.		8
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110	Redox-coupled structural changes in copper chemistry: Implications for atom transfer catalysis. Coordination Chemistry Reviews, 2018, 375, 173-190.	9.5	31

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112	Growth and characterization of ammonium nickel-copper sulfate hexahydrate: A new crystal of Tutton's salt family for the application in solar-blind technology. <i>Optical Materials</i> , 2018, 85, 425-437.	1.7	21
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116	Jahn-Teller distortion in 2-pyridyl-(1,2,3)-triazole-containing copper(ii) compounds. <i>New Journal of Chemistry</i> , 2018, 42, 16335-16345.	1.4	10
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#	ARTICLE	IF	CITATIONS
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