

Structural characterisation, EPR and magnetic properties of phenolic cryptates

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Citation Report

#	ARTICLE	IF	CITATIONS
1	8S paramagnetic centres in molecular assemblies: possible effect of their proximity on the water proton relaxivity. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 794-799.	1.1	27
2	Äoeber das Hydratisomer Gd ₃ (H ₂ ClCCOO) ₉ (H ₂ O) ₅ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 2069-2071.	0.6	9
3	Heterotrimetallic 4f [~] 3d Coordination Polymers:Ä Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2003, 42, 7658-7665.	1.9	95
4	Synthese und Kristallstrukturen von Ln(ClF ₂ CCOO) ₃ (H ₂ O) ₃ (Ln = Gd, Dy, Ho, Er) und magnetisches Verhalten von Gd(ClF ₂ CCOO) ₃ (H ₂ O) ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 2434-2437.	0.6	24
5	Hydrothermal Syntheses, Crystal Structures, Magnetism and Fluorescence Quenching of Oxamidato-Bridged Pentanuclear CuII ₄ LnIII Complexes Containing Macrocyclic Ligands (Ln = Eu, Tb) and the Crystal Structure of a Hexanuclear NiII ₅ SmIII Complex. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1514-1521.	1.0	31
6	Macrocyclic and Open-Chain CuII-4f (4f = GdIII, CeIII) Complexes with Planar Diamino Chains: Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1530-1537.	1.0	44
7	Controlled Access to Mixed-Metal Pyridazine-Linked Cryptates. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2570-2584.	1.0	18
8	Structure Comparison of Early and Late Lanthanide(III) Homodinuclear Macrocyclic Complexes with the Polyamine Polycarboxylic Ligand H ₈ OHEC. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3852-3864.	1.0	4
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10	Crystal structure and magnetic behaviour of a new lanthanide acetate Gd(HF ₂ CCOO) ₃ (H ₂ O) ₂ ÄH ₂ O in comparison to Gd(H ₃ CCOO) ₃ (H ₂ O) ₂ Ä2H ₂ O. <i>Journal of Alloys and Compounds</i> , 2004, 374, 137-141.	2.8	41
11	Metal complexes of polyaza and polyoxaaza Schiff base macrocycles. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2156-2175.	9.5	227
12	Two-Dimensional Coordination Polymers Exhibiting Antiferromagnetic Gd(III)Ä~Cu(II) Coupling. <i>Crystal Growth and Design</i> , 2005, 5, 77-79.	1.4	40
13	Three-Dimensional Lanthanoid-Containing Coordination Frameworks: Structure, Magnetic and Fluorescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 766-772.	1.0	34
14	Synthese, Kristallstruktur und magnetisches Verhalten von [NH ₃ CH ₃][Gd(Cl ₂ HCCOO) ₄]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 417-420.	0.6	25
15	Gadolinium and Neodymium Citrates:Ä Evidence for Weak Ferromagnetic Exchange between Gadolinium(III) Cations. <i>Inorganic Chemistry</i> , 2005, 44, 8979-8987.	1.9	85
16	Two- and Three-Dimensional Networks of Gadolinium(III) with Dicarboxylate Ligands:Ä Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2006, 45, 10585-10594.	1.9	89
17	Synthesis, crystal structures and magnetic behaviour of dimeric and tetrameric gadolinium carboxylates with trichloroacetic acid. <i>Dalton Transactions</i> , 2006, , 2974.	1.6	46
18	Synthese, Kristallstruktur und magnetisches Verhalten von Gd(CF ₃ CF ₂ COO) ₃ (H ₂ O) ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1141-1144.	0.6	4

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19	Synthesis, crystal structure and magnetic behaviour of dimeric and polymeric gadolinium carboxylates with pentafluoropropionic acid. <i>Inorganica Chimica Acta</i> , 2006, 359, 2448-2454.	1.2	11
20	Series of Trinuclear NiIIInIIInII Complexes Derived from 2,6-Di(acetoacetyl)pyridine: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2007, 46, 3492-3501.	1.9	99
21	A unique 3-D 3d ^{4f} heterometallic coordination polymer with double betaine ligand: Crystal structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2007, 10, 787-791.	1.8	12
22	3D Heterometallic (3d ^{4f}) coordination polymers: A ferromagnetic interaction in a Gd(III)-Cu(II) couple. <i>Polyhedron</i> , 2007, 26, 2507-2516.	1.0	39
23	Synthesis, Crystal Structure and Magnetic Behaviour of the new Tetrameric Gadolinium Carboxylate [Gd ₄ (OH) ₄ (CF ₃ COO) ₈ (H ₂ O) ₄] · 2.5 H ₂ O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2587-2590.	0.6	6
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25	Synthesis, crystal structure and magnetic properties of two 3-D gadolinium complexes. <i>CrystEngComm</i> , 2009, 11, 2629.	1.3	48
26	Synthesis, photochromism, and complexing ability of new derivatives of N-aminofulgimide. <i>Russian Journal of General Chemistry</i> , 2010, 80, 1847-1852.	0.3	0
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28	Applications of Density Functional Theory (DFT) to Investigate the Structural, Spectroscopic and Magnetic Properties of Lanthanide(III) Complexes. <i>Current Inorganic Chemistry</i> , 2011, 1, 91-116.	0.2	51
29	A Molecular Pair of [GdNi ₃] Tetrahedra Bridged by Water Molecules. <i>Chemistry - A European Journal</i> , 2011, 17, 8264-8268.	1.7	58
30	Chiral (6,3) Network Assembled by Lanthanide and Changeful Dihydroxyfumaric Acid. <i>Chinese Journal of Chemistry</i> , 2012, 30, 228-232.	2.6	6
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32	Synthesis, crystal structure, magnetic, DSS cell, lifetime measurement, electrochemical, catecholase activity, and antimicrobial studies of mono and hetero binuclear cryptates. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 63-76.	1.2	3
33	Octanuclear {Ln(III) ₈ } (Ln = Gd, Tb, Dy, Ho) Macrocyclic Complexes in a Cyclooctadiene-like Conformation: Manifestation of Slow Relaxation of Magnetization in the Dy(III) Derivative. <i>Inorganic Chemistry</i> , 2013, 52, 4562-4570.	1.9	83
34	Two <i>C</i> ₃ -Symmetric Dy ₃ ^{III} Complexes with Triple Di ^{1/4} -methoxo ^{1/4} -phenoxo Bridges, Magnetic Ground State, and Single-Molecule Magnetic Behavior. <i>Chemistry - A European Journal</i> , 2014, 20, 8410-8420.	1.7	40
35	Hydroxide-Free Cubane-Shaped Tetranuclear [Ln ₄] Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 3417-3426.	1.9	85
36	Cation-Directed Dimeric versus Tetrameric Assemblies of Lanthanide-Stabilized Dilacunary Keggin Tungstogermanates. <i>Chemistry - A European Journal</i> , 2014, 20, 12144-12156.	1.7	51

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37	Synthesis, structures, and magnetic properties of a series of new heterometallic hexanuclear Co ₂ Ln ₄ (Ln = Eu, Gd, Tb and Dy) clusters. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 695-704.	3.0	36
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39	Homodinuclear lanthanide {Ln ₂ } (Ln = Gd, Tb, Dy, Eu) complexes prepared from an o-vanillin based ligand: luminescence and single-molecule magnetism behavior. <i>Dalton Transactions</i> , 2015, 44, 4328-4340.	1.6	71
40	Ultrabright Lanthanide Nanoparticles. <i>ChemPlusChem</i> , 2016, 81, 526-534.	1.3	20
41	First examples of carbacylamidophosphate pentanuclear hydroxo-complexes: Synthesis, structure, luminescence and magnetic properties. <i>Polyhedron</i> , 2016, 106, 44-50.	1.0	13
42	Hard-and-soft phosphinoyl receptors for f-element binding: structure and photophysical properties of europium(III) complexes. <i>Dalton Transactions</i> , 2017, 46, 2238-2248.	1.6	35
43	Spacial and Electronic Structure of Cage Metal Complexes. , 2017, , 231-324.		1
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46	Azacryptands as molecular cages for anions and metal ions. <i>Supramolecular Chemistry</i> , 2018, 30, 236-242.	1.5	34
47	Heterometallic 3d-4f {Co ₂ Gd ₄ } phosphonates: new members of the potential magnetic cooler family. <i>New Journal of Chemistry</i> , 2020, 44, 513-521.	1.4	2
48	Hexanuclear Ni ^{II} ₄ Ln ^{III} ₂ Complexes with SMM Behavior at Zero Field for Ln = Tb, Dy, Ho. <i>Crystal Growth and Design</i> , 2020, 20, 7300-7311.	1.4	16
49	Versatile Binding Modes of Chiral Macrocyclic Amine towards Rare Earth Ions. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2096-2104.	1.0	5
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