

Jean-Pierre Costes

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	3d [~] 4f Combined Chemistry: Synthetic Strategies and Magnetic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 3342-3359.	4.0	501
2	Influence of Anionic Ligands (X) on the Nature and Magnetic Properties of Dinuclear LCuGdX ₃ ·nH ₂ O Complexes (LH ₂ Standing for Tetradentate Schiff Base Ligands Deriving from) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,702 Td (2-Hydroxy-3-165-168.	4.0	301
3	Oligonuclear 3d-4f Complexes as Tectons in Designing Supramolecular Solid-State Architectures: Impact of the Nature of Linkers on the Structural Diversity. <i>Chemistry - A European Journal</i> , 2006, 12, 187-203.	3.3	265
4	A Genuine Example of a Discrete Bimetallic (Cu, Gd) Complex: Structural Determination and Magnetic Properties. <i>Inorganic Chemistry</i> , 1996, 35, 2400-2402.	4.0	253
5	Nature of the Magnetic Interaction in the (Cu ²⁺ , Ln ³⁺) Pairs: An Empirical Approach Based on the Comparison Between Homologous (Cu ²⁺ , Ln ³⁺) and (NiLS ²⁺ , Ln ³⁺) Complexes. <i>Chemistry - A European Journal</i> , 1998, 4, 1616-1620.	3.3	250
6	Heterodinuclear Cu [~] Tb Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2006, 45, 5-7.	4.0	246
7	Interplay of Strongly Anisotropic Metal Ions in Magnetic Blocking of Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 6328-6337.	4.0	239
8	Field and dilution effects on the slow relaxation of a luminescent DyO ₉ low-symmetry single-ion magnet. <i>Chemical Communications</i> , 2012, 48, 7916.	4.1	204
9	Is Ferromagnetism an Intrinsic Property of the CuII/GdIIICouple? 1. Structures and Magnetic Properties of Two Novel Dinuclear Complexes with a 1/4-Phenolato [~] 1/4-Oximato (Cu,Gd) Core. <i>Inorganic Chemistry</i> , 2000, 39, 169-173.	4.0	200
10	Beyond the anisotropy barrier: slow relaxation of the magnetization in both easy-axis and easy-plane Ln(trensal) complexes. <i>Chemical Communications</i> , 2014, 50, 1648-1651.	4.1	192
11	Supramolecular ∞ Double Propeller Dimers of Hexanuclear Cu ^{II} /Ln ^{III} Complexes: A {Cu ₃ Dy ₃ } ₂ Single Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1614-1619.	13.8	191
12	Face-Sharing Heterotrinnuclear M ^{II} Ln ^{III} M ^{II} (M = Mn, Fe, Co, Zn; Ln) Tj ETQq0 0 0 rgBT /Overlock 49, 9125-9135.	4.0	188
13	Unprecedented Ferromagnetic Interaction in Homobinuclear Erbium and Gadolinium Complexes: Structural and Magnetic Studies. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 323-325.	13.8	187
14	A Cubic 3d [~] 4f Structure with Only Ferromagnetic Gd [~] Mn Interactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2851-2854.	13.8	180
15	Is Ferromagnetism an Intrinsic Property of the CuII/GdIIICouple? 2. Structures and Magnetic Properties of Novel Trinuclear Complexes with 1/4-Phenolato-1/4-oximato (Cu [~] Ln [~] Cu) Cores (Ln = La, Ce, Gd). <i>Inorganic Chemistry</i> , 2000, 39, 5994-6000.	4.0	145
16	Synthesis, Structure, and Magnetic Properties of Heterometallic Dicyanamide-Bridged Cu [~] Na and Cu [~] Gd One-Dimensional Polymers. <i>Inorganic Chemistry</i> , 2004, 43, 7792-7799.	4.0	145
17	A rational synthetic route leading to 3d [~] 3d [~] 4f heterospin systems: self-assembly processes involving heterobinuclear 3d [~] 4f complexes and hexacyanometallates. <i>Chemical Communications</i> , 2003, , 2778-2779.	4.1	139
18	Tetranuclear [Cu [~] Ln] ₂ single molecule magnets: synthesis, structural and magnetic studies. <i>Dalton Transactions</i> , 2008, , 1843.	3.3	137

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19	A further example of a dinuclear copper(II) complex involving monoatomic acetate bridges. Synthesis, crystal structure, and spectroscopic and magnetic properties of bis(μ -acetato)bis(7-amino-4-methyl-5-aza-3-hepten-2-onato(1-))dicopper(II). <i>Inorganic Chemistry</i> , 1985, 24, 1018-1022.	4.0	135
20	Structural and magnetic studies of a syn-anti carboxylate-bridged helix-like chain copper(II) complex. <i>Inorganic Chemistry</i> , 1992, 31, 774-778.	4.0	134
21	Unprecedented (Cu ₂ Ln) _n Complexes (Ln = Gd ³⁺ , Tb ³⁺): A New "Single Chain Magnet". <i>Inorganic Chemistry</i> , 2004, 43, 8200-8202.	4.0	131
22	A Trinuclear Gadolinium Complex: Structure and Magnetic Properties. <i>Inorganic Chemistry</i> , 2001, 40, 5285-5287.	4.0	127
23	Hetero-Metallic {3d-4f-5d} Complexes: Preparation and Magnetic Behavior of Trinuclear [(L ^{Me2} Ni ^{Ln}){W(CN) ₈ }] Compounds (Ln = Gd, Tb, Dy, Ho, Er, Y; Tj ETQq1 1 0.784314, rgBT /Overlock 10). <i>Inorganic Chemistry</i> , 2009, 48, 5820-5828.	4.0	126
24	Synthesis, Structures, and Magnetic Properties of Tetranuclear Cu ^{II} Ln ^{III} Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 1924-1934.	4.0	124
25	Synthesis, Crystal Structures, and Nonlinear Optical (NLO) Properties of New Schiff-Base Nickel(II) Complexes. Toward a New Type of Molecular Switch?. <i>Inorganic Chemistry</i> , 2005, 44, 1973-1982.	4.0	115
26	A quasi-tetrahedral tetracopper cluster with syn-anti bridging carboxylate groups: crystal and molecular structure and magnetic properties. <i>Inorganic Chemistry</i> , 1990, 29, 4240-4246.	4.0	104
27	Unequivocal Synthetic Pathway to Heterodinuclear (4f,4f ²) Complexes: Magnetic Study of Relevant (Ln ^{III} , Gd ^{III}) and (Gd ^{III} , Ln ^{III}) Complexes. <i>Chemistry - A European Journal</i> , 2002, 8, 3442.	3.3	98
28	Synthesis, Structures, and Physical Properties of Copper(II)-Gadolinium(III) Complexes Combining Ferromagnetic Coupling and Quadratic Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , 2004, 43, 4743-4750.	4.0	96
29	A heterotrimetallic 3d ² -3d ² -4f single chain magnet constructed from anisotropic high-spin 3d ² -4f nodes and paramagnetic spacers. <i>Dalton Transactions</i> , 2010, 39, 4734.	3.3	96
30	Synthesis, characterization, structure, and magnetic properties of the novel trinuclear copper(II) hydroxo complex [(AE)3Cu3OH](ClO4) ₂ (AEH = 7-amino-4-methyl-5-aza-3-hepten-2-one). <i>Inorganic Chemistry</i> , 1986, 25, 413-416.	4.0	93
31	The non-template synthesis of novel non-symmetrical, tetradentate Schiff bases. Their nickel(II) and cobalt(III) complexes. <i>Inorganica Chimica Acta</i> , 1982, 60, 111-114.	2.4	91
32	Versatility of the Nature of the Magnetic Gadolinium(III)-Vanadium(IV) Interaction: Structure and Magnetic Properties of Two Heterobinuclear [Gd, V(O)] Complexes. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 363-365.	2.0	86
33	Ferromagnetic interaction in a polynuclear gadolinium complex: structure and magnetic studies. <i>Dalton Transactions</i> , 2003, , 1272-1275.	3.3	86
34	Hetero di- and trinuclear Cu-Gd complexes with trifluoroacetate bridges: synthesis, structural and magnetic studies. <i>Dalton Transactions</i> , 2004, , 1194-1200.	3.3	86
35	Effect of Ligand Substitution around the Dy ^{III} on the SMM Properties of Dual-Luminescent Zn-Dy and Zn-Dy-Zn Complexes with Large Anisotropy Energy Barriers: A Combined Theoretical and Experimental Magnetostructural Study. <i>Inorganic Chemistry</i> , 2016, 55, 4428-4440.	4.0	83
36	Analysis of the Role of Peripheral Ligands Coordinated to Zn ^{II} in Enhancing the Energy Barrier in Luminescent Linear Trinuclear Zn-Dy-Zn Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2015, 21, 15785-15796.	3.3	80

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37	Dinuclear (FeII, GdIII) Complexes Deriving from Hexadentate Schiff Bases: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2002, 41, 2886-2891.	4.0	79
38	Homodinuclear lanthanide complexes: Ln ₂ L ₃ (H ₂ L = tetradentate Schiff bases). Magnetic properties (solid state) and spectroscopic studies (solution). <i>Inorganica Chimica Acta</i> , 1998, 268, 125-130.	2.4	78
39	Structure-Based Description of a Step-by-Step Synthesis of Homo- and Heterodinuclear (4f, 4f) Lanthanide Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 6556-6563.	4.0	77
40	Structural and magnetic studies of original tetranuclear Ln ₄ complexes (Ln = Gd, Tb, Y). <i>Dalton Transactions</i> , 2011, 40, 1700.	3.3	76
41	Structural studies of a dinuclear (Cu, Gd) and two trinuclear (Cu ₂ , Ln) complexes (Ln = Ce, Er). Magnetic properties of two original (Cu, Gd) complexes. <i>New Journal of Chemistry</i> , 1998, 22, 1525-1529.	2.8	74
42	Trinuclear 3d-4f Schiff Base Complexes: The Role of Anions. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5235-5244.	2.0	73
43	Synthesis, Structures, and Magnetic Properties of Novel Mononuclear, Tetranuclear, and 1D Chain Ln ₄ Complexes Involving Three Related Asymmetrical Trianionic Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 2736-2744.	4.0	72
44	Experimental Evidence for the Participation of 5d Gd Orbitals in the Magnetic Interaction in Ni-Gd Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 5555-5561.	4.0	72
45	Chiral Crystallization of a Heterodinuclear Ni-Ln Series: Comprehensive Analysis of the Magnetic Properties. <i>Inorganic Chemistry</i> , 2012, 51, 11279-11293.	4.0	72
46	New route to bimetallic imidazolate-bridged complexes. 1. Synthesis and solid-state properties of an homodinuclear (copper-copper) complex and its heterodinuclear (copper-nickel) homolog. Structure of the heterodinuclear complex. <i>Inorganic Chemistry</i> , 1986, 25, 2790-2795.	4.0	71
47	Dinuclear CuII/GdIII and CuII/GdIII Complexes Derived from Hexadentate Schiff Bases: Synthesis, Structure, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2002, 8, 5430-5434.	3.3	71
48	Determination of Magnetic Anisotropy in the LnTRENAL Complexes (Ln = Tb, Dy, Er) by Torque Magnetometry. <i>Inorganic Chemistry</i> , 2015, 54, 3090-3092.	4.0	62
49	A single molecule magnet (SMM) with a helicate structure. <i>New Journal of Chemistry</i> , 2008, 32, 197-200.	2.8	60
50	Synthesis and Structure of 1-D Heterometallic Thiocyanato-Bridged CuII/GdIII Polymers with Ferromagnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1808-1812.	2.0	59
51	1-D hydrogen-bonded organization of hexanuclear {3d-4f-5d} complexes: evidence for slow relaxation of the magnetization for [LnMe ₂ Ni(H ₂ O)Ln(H ₂ O) _{4.5}] ₂ [W(CN) ₈] ₂ with Ln = Tb and Dy. <i>CrystEngComm</i> , 2009, 11, 2078.	2.6	58
52	Relaxation Dynamics and Magnetic Anisotropy in a Low Symmetry Dy ^{III} Complex. <i>Chemistry - A European Journal</i> , 2016, 22, 5552-5562.	3.3	56
53	An original heterodinuclear VO ₂ ⁺ , Gd ³⁺ complex with a nonet ground state. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 735-736.	1.1	54
54	The syntheses, properties and crystal and molecular structures of the copper(II) and nickel(II) complexes of the non-symmetric schiff bases, derived from 1,2-diaminoethane, pentane-2,4-dione and 2-pyrollecarboxaldehyde. <i>Inorganica Chimica Acta</i> , 1985, 101, 7-12.	2.4	51

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55	Easy synthesis of "half-units": their use as ligands or as precursors of non-symmetrical Schiff base complexes. <i>Inorganica Chimica Acta</i> , 1995, 237, 57-63.	2.4	51
56	Bridging ability of a novel polydentate ligand (H2L) comprising an oxime function. Structures of a mononuclear precursor [NiL] and a dinuclear CuII complex. Magnetic properties of mononuclear (NiII) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1307-1314.	1.1	51
57	Complexation of a Schiff base ligand having two coordination sites (N2O2 and O2O2) with lanthanide ions (Ln = La, Pr): an NMR study. <i>Dalton Transactions RSC</i> , 2002, , 2731-2736.	2.3	50
58	On the importance of ferromagnetic exchange between transition metals in field-free SMMs: examples of ring-shaped hetero-trimetallic [(LnNi) ₂]{W(CN) ₈ }] ₂ compounds. <i>Chemical Communications</i> , 2015, 51, 7875-7878.	4.1	50
59	Rational design of azide-bridged bimetallic complexes. Crystal structure and magnetic properties of FeIIIMFeIII (M = Ni and Cu) trinuclear species. <i>Chemical Communications</i> , 2005, , 534-536.	4.1	49
60	An original 1D Cu-Co heterometallic compound: synthesis, structure and magnetic properties. <i>New Journal of Chemistry</i> , 2006, 30, 572.	2.8	45
61	Tetranuclear [Co-Gd] ₂ Complexes: Aiming at a Better Understanding of the 3d-Gd Magnetic Interaction. <i>Inorganic Chemistry</i> , 2012, 51, 6396-6404.	4.0	45
62	Macrocyclic and Open-Chain Cu-4f (4f = GdIII, CeIII) Complexes with Planar Diamino Chains: Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1530-1537.	2.0	44
63	Structural and Magnetic Studies of New Ni ^{II} -Ln ^{III} Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2768-2773.	2.0	44
64	A new hydrogen-bonded dinuclear complex involving copper(II) ions in a pseudotetrahedral N3O environment: molecular and crystal structure and magnetic and spectroscopic properties. <i>Inorganic Chemistry</i> , 1991, 30, 1475-1479.	4.0	43
65	Metalloligands for designing single-molecule and single-chain magnets. <i>Dalton Transactions</i> , 2010, 39, 4886.	3.3	42
66	Stereoisomerism in the Nickel(II) Complexes of a Chiral Tridentate Ligand: Solid-State and Solution Study. <i>Inorganic Chemistry</i> , 1994, 33, 3908-3913.	4.0	40
67	A Monomeric, Self-Assembling, Alkali-Metal Binding Nickel Complex: Reappraisal of the Original Model from Solid-State and Solution Studies. <i>Inorganic Chemistry</i> , 1994, 33, 2738-2742.	4.0	40
68	A Very-High-Spin Molecule: Preparation, Characterization and Magnetic Properties of an FeII-GdIII Complex with an S = 12/2 Ground State. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1543-1546.	2.0	40
69	Structural and Magnetic Study of a Trinuclear Mn ^{II} -Gd ^{III} -Mn ^{II} Complex. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3801-3806.	2.0	39
70	New route to bimetallic imidazolate-bridged complexes. 6. Structural and magnetic consequences of steric effects in mono- and dinuclear nickel(II) and copper(II) complexes involving 4-methylimidazole as ligand. <i>Inorganic Chemistry</i> , 1991, 30, 1887-1892.	4.0	38
71	Unsymmetrical tetradentate ligand complexes of copper(II) and nickel(II) with N3O donor sets and ethylenediamine bridges. <i>Inorganica Chimica Acta</i> , 1987, 130, 17-21.	2.4	36
72	Magnetic Anisotropy in Ni ^{II} -Y ^{III} Binuclear Complexes: On the Importance of Both the First Coordination Sphere of the Ni ^{II} Ion and the Y ^{III} Ion Belonging to the Second Coordination Sphere. <i>Inorganic Chemistry</i> , 2011, 50, 11075-11081.	4.0	35

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73	Making 3d-4f hexanuclear clusters from heterotrinnuclear cationic building blocks. <i>Inorganica Chimica Acta</i> , 2007, 360, 4044-4050.	2.4	34
74	Di- and Triheteronuclear Cu-Gd and Cu-Gd-Cu Complexes with Dissymmetric Double Bridge. <i>Inorganic Chemistry</i> , 2008, 47, 6444-6451.	4.0	34
75	Coordination of gadolinium(iii) ions with a preformed μ -oxo diiron(iii) complex: structural and magnetic data. <i>Dalton Transactions</i> , 2003, , 464-468.	3.3	33
76	Fell Spin crossover materials based on dissymmetrical N4 Schiff bases including 2-pyridyl and 2R-imidazol-4-yl rings: Synthesis, crystal structure and magnetic and Mössbauer properties. <i>Polyhedron</i> , 2007, 26, 1745-1757.	2.2	33
77	Dissimilar supramolecular organization for the heterotrimetallic assemblage $[\{LnLn\}\{W(CN)_8\}]$ with Ln=Y and La (L=Schiff-base derivative). <i>Comptes Rendus Chimie</i> , 2008, 11, 1200-1206.	0.5	33
78	Electronic Structure and Magnetic Anisotropy in Lanthanoid Single-Ion Magnets with C_3 Symmetry: The Ln(trenovan) Series. <i>Inorganic Chemistry</i> , 2017, 56, 4728-4738.	4.0	33
79	An alternating copper(II) chain with bridging oxamidato and nitrito ligands: crystal structure and magnetic properties of $[Cu(NO_2)_2CuL]_n$ (L=N,N-bis(2-methyl-2-aminopropyl) oxamide). <i>Inorganica Chimica Acta</i> , 1999, 294, 8-13.	2.4	32
80	Metal complexes of symmetric and non-symmetric tetradentate schiff bases derived from 1-(2mercaptophenyl)-ethanone. <i>Inorganica Chimica Acta</i> , 1983, 77, L173-L174.	2.4	31
81	Pentacoordinate Ni Complexes: Preparation, Magnetic Measurements, and Ab Initio Calculations of the Magnetic Anisotropy Terms. <i>Chemistry - A European Journal</i> , 2012, 18, 4031-4040.	3.3	29
82	EXPERIMENTAL PROOF OF THE EXISTENCE OF THE α -HALF-UNIT- β -7-AMINO-4-METHYL-5-AZA-3-HEPTENE-2-ONE (AEH). CRYSTAL STRUCTURE OF A NOVEL DIBROMO-BRIDGED DICOPPER(II) COMPLEX (CuAEBr) ₂ . <i>Journal of Coordination Chemistry</i> , 1984, 13, 355-362.	2.2	28
83	Compartmental ligands. Part 6. Transition-metal complexes of a non-symmetric, acyclic, Schiff base derived from heptane-2,4,6-trione,1-(o-hydroxyphenyl)butane-1,3-dione, and 1,2-diaminoethane. <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 2235.	1.1	27
84	Magnetic Properties of a Series of Trinuclear Complexes (CuL) ₂ Mn \cdot xB (L Representing the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312 T	4.0	27
	(CuL) ₂ Mn \cdot 2(CH ₃) ₂ SO. <i>Inorganic Chemistry</i> , 1997, 36, 4641-4646.		
85	Synthesis, Structural Characterization, and Magnetic Properties of a Copper-Gadolinium Complex Derived from a Hydroxybenzohydrazide Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 2181-2187.	4.0	27
86	Evolution of the Structural Parameters and Magnetic Properties in a Series of Di(β -hydroxy)bis(nitritotriacetato)dichromium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 929-937.	2.0	26
87	Structural characterization and magnetic study (EPR and static susceptibility measurements) of a novel ferric spin-crossover complex: bis(7-amino-4-methyl-5-aza-3-hepten-2-onato(1-))iron(III) tetraphenylborate. <i>Inorganic Chemistry</i> , 1990, 29, 2448-2452.	4.0	23
88	Structural determinations, magnetic and EPR studies of complexes involving the Cr(OH) ₂ Cr unit. <i>Inorganica Chimica Acta</i> , 2008, 361, 1947-1957.	2.4	23
89	Mononuclear lanthanide complexes of tripodal ligands: synthesis and spectroscopic studies. <i>Inorganica Chimica Acta</i> , 1999, 285, 49-54.	2.4	22
90	New route to bimetallic imidazole-bridged complexes IV. Synthesis and characterization of homobinuclear (Cu ^I -Cu; Ni ^I -Ni) and heterobinuclear (Cu ^I -Ni; Cu ^I -Zn; Ni ^I -Zn) imidazolite-bridged complexes from novel mononuclear entities. <i>Inorganica Chimica Acta</i> , 1990, 173, 247-254.	2.4	21

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91	Reaction of a manganese(III)-Schiff base complex with gadolinium nitrate: synthesis, structure and magnetic properties of an ionic species [LMn(H ₂ O) ₂] ₂ [Gd(NO ₃) ₅ (MeOH)] (H ₂ L = Tj ETQq1 1 0.784314 rgBT /Overbock 10 fi.50 737		
92	New binuclear model compounds for the study of the 4f ⁴ –4f exchange interaction. <i>Inorganica Chimica Acta</i> , 2004, 357, 1613-1618.	2.4	21
93	Does the Sign of the Cu ^{II} –Gd Magnetic Interaction Depend on the Number of Atoms in the Bridge?. <i>Chemistry - A European Journal</i> , 2016, 22, 2171-2180.	3.3	21
94	Magnetic properties of mono-, bi-, and tri-nuclear copper(II) complexes of novel oxamato and oxamido ligands. Crystal structure of a mononuclear precursor. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 1017.	1.1	20
95	Spectroscopic properties of iron ^{II} –thiosemicarbazone compounds. Structure of [Fe(C ₇ H ₇ N ₄ S) ₂] ⁺ ·1.25H ₂ O. <i>Inorganica Chimica Acta</i> , 2002, 333, 132-137.	2.4	20
96	Mononuclear Cu and dinuclear Cu ^{II} –Ln complexes of benzimidazole based ligands including N and O donors: Syntheses, characterization, X-ray molecular structures and magnetic properties. <i>Polyhedron</i> , 2010, 29, 2111-2119.	2.2	19
97	Antiferromagnetic Co ^{II} –Gd Interactions in a Tetranuclear [CoGd] ₂ Complex with Low ^S Spin Square ^{Planar} Co Ions ^{Role of the Singly Occupied 3d Co Magnetic Orbital} . <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2653-2656.	2.0	19
98	Oxovanadium(IV) complexes of tetradentate unsymmetrical Schiff bases derived from 7-amino-4-methyl-5-aza-3-hepten-2-one. <i>Transition Metal Chemistry</i> , 1988, 13, 131-134.	1.4	18
99	The first example of a hetero-tetranuclear [(VO)Gd] ₂ complex: synthesis, crystal structure and magnetic properties of [VOGd(hfa) ₂ CH ₃ OH] ₂ ·2CH ₃ OH·2(CH ₃) ₂ CO. <i>Dalton Transactions</i> , 2005, , 2830.	3.3	18
100	Varying the metal/metal ratio in related Cu ^{II} –Ca complexes. <i>Polyhedron</i> , 2007, 26, 4209-4215.	2.2	18
101	Oligomeric and polymeric organizations of potassium salts with compartmental Schiff-base complexes as ligands. <i>CrystEngComm</i> , 2011, 13, 5908.	2.6	18
102	Deprotonation and self-assembly of a symmetric oxamidate-bridged dinuclear copper(II) complex involving imidazole moieties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 861.	1.1	17
103	Synthesis and X-ray crystal structure of $\text{[VCl}_3(\text{sparteine})]_2$ and $\text{[FeCl}_2(\text{sparteine})]_2$. <i>Comptes Rendus Chimie</i> , 2002, 5, 251-255.	0.5	17
104	CuLn complexes with a single $\frac{1}{4}$ -oximato bridge. <i>Comptes Rendus Chimie</i> , 2010, 13, 661-667.	0.5	16
105	$\frac{1}{4}$ vs. $\frac{1}{2}$ Hydroxido Bridges ^{Peripheral Function Controls the Nuclearity of Hydroxido^{Bridged} Copper(II) Complexes} . <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5729-5740.	2.0	16
106	Intermolecular versus intramolecular exchange interactions. Magnetic properties of (tetraacetyethanato(2-))bis((N,N,N',N'-tetramethylethylenediamine)copper(II)) diperchlorate hydrate (I) and of (tetraacetyethanato(2-))bis((N,N,N',N'-tetramethylethylenediamine)copper(II)) bis(tetraphenylborate) hydrate (II). Crystal and molecular structure of (I). <i>Inorganic Chemistry</i> , 1992, 31, 284-289.	4.0	15
107	Assembling Processes in a System Comprising Four Constituents: Two Metal Ions (Na, Ni) and Two Anionic Ligands (Perchlorate and 3-(2-Methoxyethoxy)salicylaldiminato(1-)). <i>Inorganic Chemistry</i> , 1995, 34, 3102-3104.	4.0	15
108	2D coordination polymers of Nd(III) and Gd(III) with the phenoxyacetate ligand. <i>Inorganica Chimica Acta</i> , 2005, 358, 4437-4442.	2.4	15

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109	Dinuclear (Cu/Cu, Ni/Ni, V/V and Fe/Fe) complexes of a novel oxamide-type ligand coordinating in the trans conformation. <i>Inorganica Chimica Acta</i> , 1993, 213, 57-63.	2.4	14
110	A dinuclear copper(II) complex with a Cu(O, Nâ€“O)Cu bridging core: structural and magnetic (experimental and density functional theory) studies. <i>Inorganica Chimica Acta</i> , 2004, 357, 2150-2156.	2.4	14
111	Structure and Properties of Dinuclear Manganese(III) Complexes with Pentaanionic Pentadentate Ligands Including Alkoxo, Amido, and Phenoxo Donors. <i>Inorganic Chemistry</i> , 2007, 46, 6902-6910.	4.0	14
112	Role of the kinetic template effect in the syntheses of non symmetric Schiff base complexes. <i>Polyhedron</i> , 2013, 52, 1065-1072.	2.2	14
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