

# Jean-Pierre Costes

## List of Publications by Year in descending order

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163  
papers

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Structural determinations and magnetic properties of a $\Lambda$ -chiral at metal-complex and its resulting [Cu <sup>II</sup> Ln <sub>2</sub> ] compounds. Dalton Transactions, 2022, 51, 2805-2814.	3.3	2
2	Cu-Ln complexes involving non-symmetrical ligands able to introduce asymmetric centres in the vicinity of Ln ions. Polyhedron, 2022, 224, 116015.	2.2	1
3	Role of the Main and Auxiliary Ligands in the Nuclearity of Cu <sup>II</sup> -Ln Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 382-393.	2.0	1
4	Use of <sup>155</sup> Gd, <sup>151</sup> Eu, <sup>166</sup> Er Mössbauer spectroscopy to characterize heterodinuclear Ln <sup>III</sup> -Ln <sup>II</sup> complexes. Polyhedron, 2019, 174, 114154.	2.2	3
5	Contribution of <sup>155</sup> Gd Mössbauer data to the study of the magnetic interaction in heterodinuclear 3d <sup>II</sup> -Gd (3d = Cu, Ni) coordination complexes. Dalton Transactions, 2019, 48, 6872-6878.	3.3	4
6	Influence of ancillary ligands and solvents on the nuclearity of Ni <sup>II</sup> -Ln complexes. Dalton Transactions, 2019, 48, 3404-3414.	3.3	13
7	Effects of the Exchange Coupling on Dynamic Properties in a Series of CoGdCo Complexes. Inorganic Chemistry, 2019, 58, 756-768.	4.0	9
8	Reactions of a series of ZnL, CuL and NiL Schiff base and non-Schiff base complexes with MCl <sub>2</sub> salts (M = Cu, Ni, Mn): syntheses, structures, magnetic properties and DFT calculations. New Journal of Chemistry, 2018, 42, 3683-3691.	2.8	12
9	Syntheses, Structures, and Magnetic Properties of Symmetric and Dissymmetric Ester-Functionalized 3d <sup>II</sup> -f Schiff Base Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 66-73.	2.0	12
10	Ni <sup>II</sup> -Ln <sup>III</sup> complexes with <i>o</i> -vanillin as the main ligand: syntheses, structures, magnetic and magnetocaloric properties. Dalton Transactions, 2018, 47, 1106-1116.	3.3	14
11	Reaction of Non-Symmetric Schiff Base Metallo-Ligand Complexes Possessing an Oxime Function with Ln Ions. Inorganics, 2018, 6, 33.	2.7	1
12	Role of the kinetic template effect in the preparation of an original copper complex. Polyhedron, 2018, 153, 158-162.	2.2	2
13	Electronic Structure and Magnetic Anisotropy in Lanthanoid Single-Ion Magnets with <i>C</i> <sub>3</sub> Symmetry: The Ln(trenovan) Series. Inorganic Chemistry, 2017, 56, 4728-4738.	4.0	33
14	Synthesis, Crystal Structure and Magnetic Properties of [Mn((1 <i>R</i> , <sup>2</sup> <i>R</i> ) <sup>2</sup> -salicyl)N <sub>3</sub> ]/NCS Complexes: Solvent Dependent Crystallization of Monomers, Chains and Dimers.. ChemistrySelect, 2017, 2, 7975-7982.	1.5	1
15	Does the Sign of the Cu <sup>II</sup> -Gd Magnetic Interaction Depend on the Number of Atoms in the Bridge?. Chemistry - A European Journal, 2016, 22, 2171-2180.	3.3	21
16	Effect of Ligand Substitution around the Dy <sup>III</sup> on the SMM Properties of Dual-Luminescent Zn <sup>II</sup> -Dy and Zn <sup>II</sup> -Dy <sup>III</sup> -Zn Complexes with Large Anisotropy Energy Barriers: A Combined Theoretical and Experimental Magnetostructural Study. Inorganic Chemistry, 2016, 55, 4428-4440.	4.0	83
17	Use of azido ligands in the syntheses of different homo- and hetero-complexes. Polyhedron, 2016, 111, 101-108.	2.2	12
18	Relaxation Dynamics and Magnetic Anisotropy in a Low-Symmetry Dy <sup>III</sup> Complex. Chemistry - A European Journal, 2016, 22, 5552-5562.	3.3	56

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19	Analysis of the Role of Peripheral Ligands Coordinated to Zn <sup>II</sup> 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
20	Can novel dinuclear Ni–Gd complexes give supplementary information on the Ni–Gd magnetic interaction?. <i>Polyhedron</i> , 2015, 96, 51-56.	2.2	7
21	Structural determinations of carbamate-bridging ligands derived from atmospheric CO <sub>2</sub> in 3d–4f complexes. <i>Polyhedron</i> , 2015, 89, 213-218.	2.2	13
22	On the importance of ferromagnetic exchange between transition metals in field-free SMMs: examples of ring-shaped hetero-trimetallic [(LnNi <sub>2</sub> ){W(CN) <sub>8</sub> }] <sub>2</sub> compounds. <i>Chemical Communications</i> , 2015, 51, 7875-7878.	4.1	50
23	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
24	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
25	Structural, magnetic and theoretical calculations of a ferromagnetically coupled tetranuclear copper(ii) square complex. <i>New Journal of Chemistry</i> , 2014, 38, 1306-1314.	2.8	8
26	Antiferromagnetic Cu–Gd interactions through an oxime bridge. <i>Dalton Transactions</i> , 2014, 43, 11388-11396.	3.3	8
27	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
28	Tetranuclear [Mn <sub>2</sub> Co <sub>2</sub> ], [Mn <sub>2</sub> Fe <sub>2</sub> ], and [Mn <sub>2</sub> Mn <sub>2</sub> ] Complexes with Defective Double-Cubane Cores and Phenoxo and Oxo Bridges: Syntheses, Crystal Structures, and Electronic Properties. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3527-3535.	2.0	3
29	An Ionic Dysprosium Complex Made of a Hexanuclear Dy <sub>6</sub> Cationic Cluster and a Mononuclear Dy Anionic Unit. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4745-4749.	2.0	9
30	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
31	Absence of a magnetic interaction in a dinuclear copper complex? The case of a crossed axial–equatorial oxalate coordination mode. <i>Polyhedron</i> , 2013, 63, 127-132.	2.2	11
32	Interplay of Strongly Anisotropic Metal Ions in Magnetic Blocking of Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 6328-6337.	4.0	239
33	A Strictly Dinuclear MnIII–GdIII Complex: Synthesis and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3307-3311.	2.0	12
34	1/3 vs. 1/4 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
35	Field and dilution effects on the slow relaxation of a luminescent DyO <sub>9</sub> low-symmetry single-ion magnet. <i>Chemical Communications</i> , 2012, 48, 7916.	4.1	204
36	Experimental Evidence and DFT Studies of Next-Nearest-Neighbor Magnetic Interactions through Diamagnetic 3d and 4d Ions. <i>Inorganic Chemistry</i> , 2012, 51, 1011-1019.	4.0	11

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37	Synthesis, structural characterization, magnetic and EPR studies of heterometallic Cu <sub>2</sub> Cr <sub>2</sub> and Cu <sub>2</sub> Ga <sub>2</sub> complexes. <i>Polyhedron</i> , 2012, 45, 238-244.	2.2	5
38	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
39	Magnetic ordering of Ni <sub>4</sub> Cubane complexes through hydrogen bonds. <i>Comptes Rendus Chimie</i> , 2012, 15, 849-855.	0.5	12
40	Tetranuclear [Co <sup>II</sup> Gd] <sub>2</sub> Complexes: Aiming at a Better Understanding of the 3d-Gd Magnetic Interaction. <i>Inorganic Chemistry</i> , 2012, 51, 6396-6404.	4.0	45
41	Pentacoordinate Ni <sup>II</sup> 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
42	New binuclear Mn <sup>II</sup> and Fe <sup>II</sup> complexes supported by 1,4,8-triazacycloundecane. <i>Dalton Transactions</i> , 2011, 40, 2926.	3.3	13
43	Crystal Structures and Magnetic Properties of Nickel Complexes with Hydrotris(pyrazolyl)borate Ligand and Double Bridged by Phosphate Esters. <i>Inorganic Chemistry</i> , 2011, 50, 437-443.	4.0	11
44	Oligomeric and polymeric organizations of potassium salts with compartmental Schiff-base complexes as ligands. <i>CrystEngComm</i> , 2011, 13, 5908.	2.6	18
45	Magnetic Anisotropy in Ni <sup>II</sup> -Y <sup>III</sup> Binuclear Complexes: On the Importance of Both the First Coordination Sphere of the Ni <sup>II</sup> Ion and the Y <sup>III</sup> Ion Belonging to the Second Coordination Sphere. <i>Inorganic Chemistry</i> , 2011, 50, 11075-11081.	4.0	35
46	Structural and magnetic studies of original tetranuclear Co <sup>II</sup> -Ln <sup>III</sup> complexes (Ln <sup>III</sup> = Gd, Tb, Y). <i>Dalton Transactions</i> , 2011, 40, 1700.	3.3	76
47	Antiferromagnetic Co <sup>II</sup> -Gd Interactions in a Tetranuclear [CoGd] <sub>2</sub> Complex with Low-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
48	A heterotrimetallic 3d <sup>3</sup> -3d <sup>2</sup> -4f single chain magnet constructed from anisotropic high-spin 3d <sup>4</sup> nodes and paramagnetic spacers. <i>Dalton Transactions</i> , 2010, 39, 4734.	3.3	96
49	CuLn complexes with a single 1/4-oximate bridge. <i>Comptes Rendus Chimie</i> , 2010, 13, 661-667.	0.5	16
50	Structural and Magnetic Studies of New Ni <sup>II</sup> -Ln <sup>III</sup> Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2768-2773.	2.0	44
51	A novel di-iron(III) structure based on an ageless ligand. <i>Polyhedron</i> , 2010, 29, 787-790.	2.2	7
52	Mononuclear Cu and dinuclear Cu <sup>II</sup> -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
53	Heterometallic Cr <sub>2</sub> /Ag <sub>2</sub> 1D polymer: Synthesis, structure and properties. <i>Polyhedron</i> , 2010, 29, 2258-2261.	2.2	9
54	Face-Sharing Heterotrinuclear M <sup>II</sup> -Ln <sup>III</sup> -M <sup>II</sup> (M = Mn, Fe, Co, Zn; Ln) Tj ETQq0 0 0 rgBT /Overlo 49, 9125-9135.	4.0	188

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55	Metalloligands for designing single-molecule and single-chain magnets. Dalton Transactions, 2010, 39, 4886.	3.3	42
56	A unique single carboxylate-bridged spin-frustrated chiral Mn(II) metallatriangle. Dalton Transactions, 2010, 39, 10286.	3.3	8
57	Structural and Magnetic Study of a Trinuclear Mn(II)-Gd(III)-Mn(II) Complex. European Journal of Inorganic Chemistry, 2009, 2009, 3801-3806.	2.0	39
58	Structure and Properties of Copper(II), Manganese(III), and Iron(III) Complexes with Potentially Pentaanionic Heptadentate Ligands Including Alkoxido, Amido, and Phenoxido Donors. European Journal of Inorganic Chemistry, 2009, 2009, 5483-5493.	2.0	11
59	<i>gem</i> -Bisphosphonate-Terminated Group Dendrimers: Design and Gadolinium Complexing Properties. European Journal of Organic Chemistry, 2009, 2009, 4290-4299.	2.4	12
60	Supramolecular "Propeller" Dimers of Hexanuclear Cu(II)/Ln(III) Complexes: A {Cu <sub>3</sub> Dy <sub>3</sub> } <sub>2</sub> Single-Molecule Magnet. Angewandte Chemie - International Edition, 2009, 48, 1614-1619.	13.8	191
61	3d <sup>4</sup> f Combined Chemistry: Synthetic Strategies and Magnetic Properties. Inorganic Chemistry, 2009, 48, 3342-3359.	4.0	501
62	Experimental Evidence for the Participation of 5d Gd(III) Orbitals in the Magnetic Interaction in Ni <sup>II</sup> Gd Complexes. Inorganic Chemistry, 2009, 48, 5555-5561.	4.0	72
63	1-D hydrogen-bonded organization of hexanuclear {3d-4f-5d} complexes: evidence for slow relaxation of the magnetization for [LMe <sub>2</sub> Ni(H <sub>2</sub> O)Ln(H <sub>2</sub> O) <sub>4.5</sub> ] <sub>2</sub> {W(CN) <sub>8</sub> } <sub>2</sub> with Ln = Tb and Dy. CrystEngComm, 2009, 11, 2078.	2.6	58
64	Hetero-Metallic {3d-4f-5d} Complexes: Preparation and Magnetic Behavior of Trinuclear [(L <sup>Me</sup> <sub>2</sub> Ni <sup>II</sup> Ln){W(CN) <sub>8</sub> }] Compounds (Ln = Gd, Tb, Dy, Ho, Er, Y; L = Schiff-base derivative). Inorganic Chemistry, 2009, 48, 5820-5828.	4.0	126
65	Heterometallic M <sub>2</sub> Cr <sub>4</sub> (M = Sr, Pb) Clusters Assembled by Tris(1/4-aqua) Bridges. European Journal of Inorganic Chemistry, 2008, 2008, 1778-1783.	2.0	13
66	Dimeric Trinuclear 3d <sup>4</sup> f Schiff Base Complexes: The Role of Anions. European Journal of Inorganic Chemistry, 2008, 2008, 5235-5244.	2.0	73
67	Dissimilar supramolecular organization for the heterotrimetallic assemblage [LnNiLn]{W(CN) <sub>8</sub> } with Ln=Y and La (L=Schiff-base derivative). Comptes Rendus Chimie, 2008, 11, 1200-1206.	0.5	33
68	Structural determinations, magnetic and EPR studies of complexes involving the Cr(OH) <sub>2</sub> Cr unit. Inorganica Chimica Acta, 2008, 361, 1947-1957.	2.4	23
69	Tetranuclear [Cu <sup>II</sup> Ln] <sub>2</sub> single molecule magnets: synthesis, structural and magnetic studies. Dalton Transactions, 2008, , 1843.	3.3	137
70	Di- and Triheteronuclear Cu <sup>II</sup> Gd and Cu <sup>II</sup> Gd <sup>III</sup> Cu Complexes with Dissymmetric Double Bridge. Inorganic Chemistry, 2008, 47, 6444-6451.	4.0	34
71	A single molecule magnet (SMM) with a helicate structure. New Journal of Chemistry, 2008, 32, 197-200.	2.8	60
72	Structure and Properties of Dinuclear Manganese(III) Complexes with Pentaanionic Pentadentate Ligands Including Alkoxo, Amido, and Phenoxo Donors. Inorganic Chemistry, 2007, 46, 6902-6910.	4.0	14

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73	A Cubic 3d <sup>4</sup> 4f Structure with Only Ferromagnetic Gd <sup>3+</sup> Mn Interactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2851-2854.	13.8	180
74	Dual-mode X-Band EPR and magnetic study of (Cu <sup>2+</sup> ,Ln <sup>3+</sup> ) pairs: Investigation of magnetic anisotropy. <i>Chemical Physics</i> , 2007, 334, 77-84.	1.9	11
75	Making 3d <sup>4</sup> 4f hexanuclear clusters from heterotrinnuclear cationic building blocks. <i>Inorganica Chimica Acta</i> , 2007, 360, 4044-4050.	2.4	34
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	Polynuclear 3d complexes based on potentially tetra-anionic heptadentate ligands including amido, amino and phenoxo donors: Synthesis, crystal structure and magnetic properties. <i>Polyhedron</i> , 2007, 26, 3448-3454.	2.2	7
78	Varying the metal/metal ratio in related Cu <sup>2+</sup> Ca complexes. <i>Polyhedron</i> , 2007, 26, 4209-4215.	2.2	18
79	An original 1D Cu <sup>2+</sup> Co heterometallic compound: synthesis, structure and magnetic properties. <i>New Journal of Chemistry</i> , 2006, 30, 572.	2.8	45
80	Heterodinuclear Cu <sup>2+</sup> Tb Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2006, 45, 5-7.	4.0	246
81	Synthesis, Structures, and Magnetic Properties of Tetranuclear Cu <sup>2+</sup> LnIII Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 1924-1934.	4.0	124
82	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
83	Magnetic Investigation of an Unusual Dissymmetric Binuclear Manganese Carboxylate Complex. <i>Chemistry Journal of Moldova</i> , 2006, 1, 97-99.	0.6	0
84	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
85	Evolution of the Structural Parameters and Magnetic Properties in a Series of Di( $\eta$ -hydroxy)bis(nitritotriacetato)dichromium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 929-937.	2.0	26
86	Rational design of azide-bridged bimetallic complexes. Crystal structure and magnetic properties of FeIIIMFeIII(M = NiIIand CuI) trinuclear species. <i>Chemical Communications</i> , 2005, , 534-536.	4.1	49
87	The first example of a hetero-tetranuclear [(VO)Gd]2 complex: synthesis, crystal structure and magnetic properties of [VOLGd(hfa)2CH3OH]2 $\cdot$ 2CH3OH $\cdot$ 2(CH3)2CO. <i>Dalton Transactions</i> , 2005, , 2830.	3.3	18
88	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
89	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.	2.0	44
90	Synthesis and Structure of 1-D Heterometallic Thiocyanato-Bridged CuIIGdIII Polymers with Ferromagnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1808-1812.	2.0	59

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91	New binuclear model compounds for the study of the 4f <sup>14</sup> –4f exchange interaction. <i>Inorganica Chimica Acta</i> , 2004, 357, 1613-1618.	2.4	21
92	A dinuclear copper(II) complex with a Cu(O, N <sup>4-</sup> 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
93	Synthesis, Structure, and Magnetic Properties of Heterometallic Dicyanamide-Bridged Cu <sup>2+</sup> Na and Cu <sup>2+</sup> Gd One-Dimensional Polymers. <i>Inorganic Chemistry</i> , 2004, 43, 7792-7799.	4.0	145
94	Synthesis, Structures, and Magnetic Properties of Novel Mononuclear, Tetranuclear, and 1D Chain Mn(III) Complexes Involving Three Related Asymmetrical Trianionic Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 2736-2744.	4.0	72
95	Hetero di- and trinuclear Cu <sup>2+</sup> Gd complexes with trifluoroacetate bridges: synthesis, structural and magnetic studies. <i>Dalton Transactions</i> , 2004, , 1194-1200.	3.3	86
96	Bis-dinuclear (Cu <sup>2+</sup> Gd) <sub>2</sub> complexes with a probable helicate structure. <i>Dalton Transactions</i> , 2004, , 1739-1742.	3.3	8
97	Synthesis and characterization of new heterodinuclear (4f, 4f <sup>14</sup> ) lanthanide complexes. <i>Journal of Alloys and Compounds</i> , 2004, 374, 377-381.	5.5	8
98	Unprecedented (Cu <sub>2</sub> Ln) <sub>n</sub> Complexes (Ln = Gd <sup>3+</sup> , Tb <sup>3+</sup> ): A New $\infty$ Single Chain Magnet. <i>Inorganic Chemistry</i> , 2004, 43, 8200-8202.	4.0	131
99	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
100	Structure-Based Description of a Step-by-Step Synthesis of Homo- and Heterodinuclear (4f, 4f <sup>14</sup> ) Lanthanide Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 6556-6563.	4.0	77
101	Ferromagnetic interaction in a polynuclear gadolinium complex: structure and magnetic studies. <i>Dalton Transactions</i> , 2003, , 1272-1275.	3.3	86
102	A rational synthetic route leading to 3d <sup>5</sup> –3d <sup>2</sup> –4f heterospin systems: self-assembly processes involving heterobinuclear 3d <sup>5</sup> –4f complexes and hexacyanometallates. <i>Chemical Communications</i> , 2003, , 2778-2779.	4.1	139
103	Coordination of gadolinium(III) ions with a preformed $\mu$ -oxo diiron(III) complex: structural and magnetic data. <i>Dalton Transactions</i> , 2003, , 464-468.	3.3	33
104	Reaction of a manganese(III)-Schiff base complex with gadolinium nitrate: synthesis, structure and magnetic properties of an ionic species [LMn(H <sub>2</sub> O) <sub>2</sub> ] <sub>2</sub> [Gd(NO <sub>3</sub> ) <sub>5</sub> (MeOH)] (H <sub>2</sub> L = Tj ETQqO O O rgBT /Overlock 10.1155/2012/13-bi	3.3	33
105	Complexation of a Schiff base ligand having two coordination sites (N <sub>2</sub> O <sub>2</sub> and O <sub>2</sub> O <sub>2</sub> ) with lanthanide ions (Ln = La, Pr): an NMR study. <i>Dalton Transactions RSC</i> , 2002, , 2731-2736.	2.3	50
106	Dinuclear (Fe(II), Gd(III)) Complexes Deriving from Hexadentate Schiff Bases: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2002, 41, 2886-2891.	4.0	79
107	Unequivocal Synthetic Pathway to Heterodinuclear (4f, 4f <sup>14</sup> ) 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
108	Dinuclear Co(II)/Gd(III) and Co(III)/Gd(III) Complexes Derived from Hexadentate Schiff Bases: Synthesis, Structure, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2002, 8, 5430-5434.	3.3	71

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109	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
110	Synthesis and X-ray crystal structure of $\text{VCl}_3((\text{sparteine}))$ and $\text{FeCl}_2((\text{sparteine}))$ . <i>Comptes Rendus Chimie</i> , 2002, 5, 251-255.	0.5	17
111	Spectroscopic properties of iron-thiosemicarbazone compounds. Structure of $[\text{Fe}(\text{C}_7\text{H}_7\text{N}_4\text{S})_2] \cdot 1.25\text{H}_2\text{O}$ . <i>Inorganica Chimica Acta</i> , 2002, 333, 132-137.	2.4	20
112	A Trinuclear Gadolinium Complex: Structure and Magnetic Properties. <i>Inorganic Chemistry</i> , 2001, 40, 5285-5287.	4.0	127
113	Assembling ferromagnetically coupled (Cu, Gd) pairs: toward higher spin entities. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 2001, 4, 97-103.	0.1	6
114	Versatility of the Nature of the Magnetic Gadolinium(III)-Vanadium(IV) Interaction: Structure and Magnetic Properties of Two Heterobinuclear $[\text{Gd}, \text{V}(\text{O})]$ Complexes. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 363-365.	2.0	86
115	Experimental evidence of the acidic character of lanthanide ions in protic solvents. <i>Inorganica Chimica Acta</i> , 2000, 298, 256-259.	2.4	7
116	Influence of Anionic Ligands (X) on the Nature and Magnetic Properties of Dinuclear $\text{LCuGdX}_3 \cdot n\text{H}_2\text{O}$ Complexes (LH <sub>2</sub> Standing for Tetradentate Schiff Base Ligands Deriving from) $\text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (2-Hydroxy-3-165-168}$ .	4.0	301
117	Is Ferromagnetism an Intrinsic Property of the $\text{CuII}/\text{GdIII}$ Couple? 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
118	Is Ferromagnetism an Intrinsic Property of the $\text{CuII}/\text{GdIII}$ Couple? 2. Structures and Magnetic Properties of Novel Trinuclear Complexes with $1/4$ -Phenolato- $1/4$ -oximato (Cu <sup>II</sup> Ln <sup>III</sup> Cu) Cores (Ln = La, Ce, Gd). <i>Inorganic Chemistry</i> , 2000, 39, 5994-6000.	4.0	145
119	Mononuclear lanthanide complexes of tripodal ligands: synthesis and spectroscopic studies. <i>Inorganica Chimica Acta</i> , 1999, 285, 49-54.	2.4	22
120	An alternating copper(II) chain with bridging oxamidato and nitrito ligands: crystal structure and magnetic properties of $[\text{Cu}(\text{NO}_2)_2\text{CuL}]_n$ (L=N, N $\epsilon^2$ -bis(2-methyl-2-aminopropyl) oxamide). <i>Inorganica Chimica Acta</i> , 1999, 294, 8-13.	2.4	32
121	Spectroscopic Determination of Magnetic Exchange Parameters and Structural Geometry for Trinuclear Compounds: $(\text{CuL})_2\text{Mn} \cdot x\text{B}$ (L = N-(4-Methyl-6-oxo-3-azahept-4-enyl)oxamato and B = (CH <sub>3</sub> ) <sub>2</sub> SO) $\text{Tj ETQq1 1 0.7843 1}$ .	1.1	7843
122	Homodinuclear lanthanide complexes: $\text{Ln}_2\text{L}_3$ (H <sub>2</sub> L = tetradentate Schiff bases). Magnetic properties (solid state) and spectroscopic studies (solution). <i>Inorganica Chimica Acta</i> , 1998, 268, 125-130.	2.4	78
123	A Very-High-Spin Molecule: Preparation, Characterization and Magnetic Properties of an $\text{FeII} \cdot \text{GdIII}$ Complex with an S = 12/2 Ground State. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1543-1546.	2.0	40
124	Nature of the Magnetic Interaction in the (Cu <sup>2+</sup> , Ln <sup>3+</sup> ) Pairs: An Empirical Approach Based on the Comparison Between Homologous (Cu <sup>2+</sup> , Ln <sup>3+</sup> ) and (NiLS <sub>2</sub> <sup>+</sup> , Ln <sup>3+</sup> ) Complexes. <i>Chemistry - A European Journal</i> , 1998, 4, 1616-1620.	3.3	250
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126	Bridging ability of a novel polydentate ligand (H <sub>2</sub> L) comprising an oxime function. Structures of a mononuclear precursor $[\text{NiL}]$ and a dinuclear $\text{CuII}_2$ complex. Magnetic properties of mononuclear (NiII) $\text{Tj ETQq0 0 0 rgBT /Overlock 10 T}$ complexes $\text{â€Šâ€Š}$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1307-1314.	1.1	51



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129	(CuL) <sub>2</sub> Mn·2(CH <sub>3</sub> ) <sub>2</sub> SO. <i>Inorganic Chemistry</i> , 1997, 36, 4641-4646. Solid State and Solution Study of Trinuclear (Ni, Ba, Ni) Complexes: (L1)2Ni2Ba(ClO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O (1) and (L2)2Ni2Ba(ClO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O (2) (L1 = 3-Methoxysalicylaldiminato and L2 =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td (3-(2	4.0	13
130	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
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