

Guillem AromÃ-

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of 3d Metallic Single-Molecule Magnets. , 0, , 1-67.		969
2	Triazoles and tetrazoles: Prime ligands to generate remarkable coordination materials. Coordination Chemistry Reviews, 2011, 255, 485-546.	18.8	876
3	Design of magnetic coordination complexes for quantum computing. Chemical Society Reviews, 2012, 41, 537-546.	38.1	492
4	Azide as a Bridging Ligand and Magnetic Coupler in Transition Metal Clusters. European Journal of Inorganic Chemistry, 2006, 2006, 4721-4736.	2.0	330
5	Iron Spin-Crossover compounds: from fundamental studies to practical applications. Dalton Transactions, 2009, , 7845.	3.3	224
6	Heterodimetallic [LnLn ²] Lanthanide Complexes: Toward a Chemical Design of Two-Qubit Molecular Spin Quantum Gates. Journal of the American Chemical Society, 2014, 136, 14215-14222.	13.7	201
7	Poly beta-diketones: Prime ligands to generate supramolecular metallocusters. Coordination Chemistry Reviews, 2008, 252, 964-989.	18.8	194
8	Synthetic and Structural Studies of Cobalt ^{II} Pivalate Complexes. Chemistry - A European Journal, 2003, 9, 5142-5161.	3.3	185
9	Three-Way Crystal-to-Crystal Reversible Transformation and Controlled Spin Switching by a Nonporous Molecular Material. Journal of the American Chemical Society, 2014, 136, 3869-3874.	13.7	176
10	Synthesis, Crystal Structures, Magnetic Properties and Catecholase Activity of Double Phenoxido-Bridged Penta-Coordinated Dinuclear Nickel(II) Complexes Derived from Reduced Schiff-Base Ligands: Mechanistic Inference of Catecholase Activity. Inorganic Chemistry, 2012, 51, 7993-8001.	4.0	133
11	3-D Lanthanide Metal-Organic Frameworks: Structure, Photoluminescence, and Magnetism. Inorganic Chemistry, 2009, 48, 1062-1068.	4.0	130
12	Spin state switching in 2,6-bis(pyrazol-3-yl)pyridine (3-bpp) based Fe(II) complexes. Coordination Chemistry Reviews, 2014, 269, 13-31.	18.8	124
13	Inelastic Neutron Scattering and Magnetic Susceptibilities of the Single-Molecule Magnets [Mn ₄ O ₃ X(OAc) ₃ (dbm) ₃] (X = Br, Cl, OAc, and F): A Variation of the Anisotropy along the Series. Journal of the American Chemical Society, 2000, 122, 12469-12477.	13.7	120
14	Magneto ² Structural Correlations: Synthesis of a Family of End-On Azido-Bridged Manganese(II) Dinuclear Compounds with S = 5 Spin Ground State. Inorganic Chemistry, 2005, 44, 2391-2399.	4.0	117
15	A Magneto ² Optical Molecular Device: Interplay of Spin Crossover, Luminescence, Photomagnetism, and Photochromism. Angewandte Chemie - International Edition, 2017, 56, 15622-15627.	13.8	117
16	High-Spin Molecules: Hexanuclear Mn(III) Clusters with [Mn ₆ O ₄ X ₄] ⁶⁺ (X = Cl-, Br-) Face-Capped Octahedral Cores and S = 12 Ground States. Journal of the American Chemical Society, 1999, 121, 5489-5499.	13.7	109
17	Synthesis and characterisation of a {Ni ₈ } single molecule magnet and another octanuclear nickel cage. Chemical Communications, 2005, , 2808.	4.1	108
18	Lanthanide Contraction within a Series of Asymmetric Dinuclear [Ln ₂] Complexes. Chemistry - A European Journal, 2013, 19, 5881-5891.	3.3	84

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19	Development of Hexagonal Closed-Packed Cobalt Nanoparticles Stable at High Temperature. <i>Chemistry of Materials</i> , 2009, 21, 5637-5643.	6.7	81
20	Synthesis, structure and magnetic properties of a decametallc Ni single-molecule magnet. <i>Chemical Communications</i> , 2005, , 5038.	4.1	79
21	Coupled Crystallographic Order-Disorder and Spin State in a Bistable Molecule: Multiple Transition Dynamics. <i>Chemistry - A European Journal</i> , 2011, 17, 3120-3127.	3.3	75
22	Aggregation of [Cu ^I] ₄ Building Blocks into [Cu ^I] ₈ Clusters or a [Cu ^I] ₄ Chain through Subtle Chemical Control. <i>Chemistry - A European Journal</i> , 2004, 10, 6476-6488.	3.3	73
23	Coordination Complexes Exhibiting Anion-π Interactions: Synthesis, Structure, and Theoretical Studies. <i>Inorganic Chemistry</i> , 2008, 47, 5873-5881.	4.0	72
24	[GdNi ₆] and [LaNi ₆]: High-Field EPR Spectroscopy and Magnetic Studies of Exchange-Coupled Octahedral Clusters. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1997-2001.	13.8	71
25	Self-Assembly of an Azido-Bridged [Ni ^{II}] ₆ Cluster Featuring Four Fused Defective Cubanes. <i>Inorganic Chemistry</i> , 2008, 47, 3465-3467.	4.0	71
26	A Unique Asymmetric [Mn] Triple-Stranded Helicate from a Symmetric Pentadentate Ligand. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3444-3446.	13.8	68
27	Tetranuclear Cu(II) complex supported by a central 1,1,3,3 azide bridge. <i>Chemical Communications</i> , 2006, , 3181-3183.	4.1	67
28	A Versatile Series of Nickel(II) Complexes Derived from Tetradentate Imine/Pyridyl Ligands and Various Pseudohalides: Azide and Cyanate Compared. <i>Inorganic Chemistry</i> , 2008, 47, 4109-4117.	4.0	66
29	Bridging Nitrate Groups in [Mn ₄ O ₃ (NO ₃)(O ₂ CMe) ₃ (R ₂ dbm) ₃] (R = H, Et) and [Mn ₄ O ₂ (NO ₃)(O ₂ C ^t Et) ₆ (bpy) ₂](ClO ₄): Acidolysis Routes to Tetranuclear Manganese Carboxylate Complexes. <i>Inorganic Chemistry</i> , 2002, 41, 805-817.	4.0	65
30	Substituted m-phenylene bridges as strong ferromagnetic couplers for Cu ^I bridge magnetic interactions: new perspectives. <i>Chemical Communications</i> , 2005, , 5172.	4.1	65
31	A Systematic Exploration of Nickel-Pyrazolinato Chemistry with Alkali Metals: New Cages From Serendipitous Assembly. <i>Chemistry - A European Journal</i> , 2003, 9, 3024-3032.	3.3	59
32	A Molecular Pair of [GdNi ₃] Tetrahedra Bridged by Water Molecules. <i>Chemistry - A European Journal</i> , 2011, 17, 8264-8268.	3.3	58
33	A Novel 1,1-Oxo Bridged Copper Tetrahedron Derived by Self-Assembly: A First Example of Double Helical Bis(Tridentate) Coordination of a Hexadentate Amine Phenol Ligand. <i>Inorganic Chemistry</i> , 2004, 43, 4787-4789.	4.0	55
34	Molecules Composed of Two Weakly Magnetically Coupled [Mn ^{III}] ₄ Clusters. <i>Inorganic Chemistry</i> , 2007, 46, 9045-9047.	4.0	55
35	Use of the Sulfato Ligand in 3d-Metal Cluster Chemistry: A Family of Hexanuclear Nickel(II) Complexes with 2-Pyridyl-Substituted Oxime Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2761-2774.	2.0	54
36	A heterometallic [LnLn ² Ln] lanthanide complex as a qubit with embedded quantum error correction. <i>Chemical Science</i> , 2020, 11, 10337-10343.	7.4	52

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37	[NaCuII ₄] Cluster from Alkali Template Assembly of Two Asymmetric End-On Azido-Bridged [CuII] ₂ Units. <i>Inorganic Chemistry</i> , 2006, 45, 3143-3145.	4.0	50
38	Preparation and Structure of Three Solvatomorphs of the Polymer [Co(dbm) ₂ (4ptz)] _n : Spin Canting Depending on the Supramolecular Organization. <i>Inorganic Chemistry</i> , 2007, 46, 7154-7162.	4.0	50
39	Synthesis and Properties of a Family of Unsymmetric Dinuclear Complexes of Ln ^{III} (Ln = Eu, Tj) ETQq1 ₂ . <i>Inorganic Chemistry</i> , 2005, 44, 187-196.	4.0	50
40	A Sequential Method to Prepare Polymorphs and Solvatomorphs of [Fe(1,3-bpp) ₂](ClO ₄) ₂ ·nH ₂ O (n = 0, 1, 2) with Varying Spin-Crossover Behaviour. <i>Chemistry - A European Journal</i> , 2016, 22, 12767-12776.	3.3	50
41	Di- and trinuclear CuII complexes of a bis- β -diketonate ligand with variable conformation: structure and magnetic studies. <i>Journal of Materials Chemistry</i> , 2006, 16, 2635-2644.	6.7	49
42	Unexpected diversity and novel features within a family of new azide-bridged MnII complexes of pyridyl/imineligands. <i>Journal of Materials Chemistry</i> , 2006, 16, 278-285.	6.7	49
43	A MnII ₄ cubane and a novel MnII ₁₀ MnIII ₄ cluster from the use of di-2-pyridyl ketone in manganese acetate chemistry. <i>Dalton Transactions</i> , 2009, , 307-317.	3.3	49
44	Local Coordination Geometry and Spin State in Novel Fe ^{II} Complexes with 2,6-Bis(pyrazolyl)pyridine-Type Ligands as Controlled by Packing Forces: Structural Correlations. <i>Chemistry - A European Journal</i> , 2012, 18, 11703-11715.	3.3	49
45	Synthesis, Crystal Structure, and High-Precision High-Frequency and -Field Electron Paramagnetic Resonance Investigation of a Manganese(III) Complex: [Mn(dbm) ₂ (py) ₂](ClO ₄). <i>Inorganic Chemistry</i> , 2005, 44, 187-196.	4.0	48
46	Encapsulation of a Cr ^{III} Single-Ion Magnet within an Fe ^{II} Spin-Crossover Supramolecular Host. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13509-13513.	13.8	48
47	Interaction with DNA of a heteronuclear [Na ₂ Cu ₄] coordination cluster obtained from the assembly of two hydroxo-bridged [CuII] ₂ units by a dimeric sodium nitrate template. <i>Dalton Transactions</i> , 2009, , 9183.	3.3	47
48	Modeling the Photosynthetic Water Oxidation Complex: Activation of Water by Controlled Deprotonation and Incorporation into a Tetranuclear Manganese Complex. <i>Journal of the American Chemical Society</i> , 1998, 120, 5850-5851.	13.7	46
49	Guest-, Light- and Thermally-Modulated Spin Crossover in [Fe ^{II}] ₂ Supramolecular Helicates. <i>Chemistry - A European Journal</i> , 2016, 22, 8635-8645.	3.3	46
50	Accessing Sodium Ferrate Complexes Containing Neutral and Anionic N-Heterocyclic Carbene Ligands: Structural, Synthetic, and Magnetic Insights. <i>Inorganic Chemistry</i> , 2015, 54, 9201-9210.	4.0	45
51	High-temperature photo-induced switching and pressure-induced transition in a cooperative molecular spin-crossover material. <i>Dalton Transactions</i> , 2014, 43, 729-737.	3.3	43
52	A Solvent-Controlled Switch of Manganese Complex Assemblies with a β -Diketonate-Based Ligand. <i>Inorganic Chemistry</i> , 2002, 41, 3673-3683.	4.0	42
53	Ligand-Templated Four-Metal Chains Dimerize into a Unique [CuII ₈] Cluster. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1168-1170.	13.8	42
54	Unique Asymmetric (CuII ₄) Double-Stranded Helicate from a Hexadentate Piperazine-Based Ligand: Ligand Conformation Isomerism upon Coordination. <i>Inorganic Chemistry</i> , 2006, 45, 505-507.	4.0	42

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55	Designed Topology and Site-Selective Metal Composition in Tetranuclear [MM ² ...M ² M] Linear Complexes. Chemistry - A European Journal, 2009, 15, 11235-11243.	3.3	41
56	New [LNiI ₂]+Complexes Incorporating 2-Formyl or 2,6-Diformyl-4-methyl Phenol as Inhibitors of the Hydrolysis of the Ligand L3: Ni-Ni Ferromagnetic Coupling and S = 2 Ground States. Inorganic Chemistry, 2007, 46, 5727-5733.	4.0	39
57	Rare Oxidation-State Combinations and Unusual Structural Motifs in Hexanuclear Mn Complexes Using 2-Pyridyloximate Ligands. Inorganic Chemistry, 2010, 49, 4388-4390.	4.0	39
58	Double-CO ₃ ²⁻ Centered [Co ^{II}] ₅ Wheel and Modeling of Its Magnetic Properties. Chemistry - A European Journal, 2010, 16, 13825-13833.	3.3	38
59	1/4-1,1'-N,N'-Imidazolidine-Bridged Dicopper(II/III) Complexes of a New Dinucleating 1/4-Bis(tetradentate) Schiff Base Ligand: Synthesis, Structural Characterization, 1H NMR Spectroscopy, and Magnetic Coupling. European Journal of Inorganic Chemistry, 2005, 2005, 2526-2535.	2.0	37
60	New routes to manganese higher-nuclearity topologies: synthesis of the cluster [Mn ₈ (μ ₄ -O)4(phpz) ₈ (thf) ₄]. Chemical Communications, 2005, , 3147.	4.1	36
61	Spin transition in a triazine-based Fe(II) complex: variable-temperature structural, thermal, magnetic and spectroscopic studies. Journal of Materials Chemistry, 2006, 16, 2669-2676.	6.7	36
62	Structure and dimensionality of coordination complexes correlated to piperazine conformation: from discrete [CuII ₂] and [CuII ₄] complexes to a 1/4-1,3-N ₃ bridged [CuII ₂] _n chain. Dalton Transactions, 2009, , 1352.	3.3	36
63	The Highest-Nuclearity Manganese/Oximate Complex: An Unusual Mn ^{II/III} ₁₅ Cluster with an S = 6 Ground State. Inorganic Chemistry, 2010, 49, 3962-3964.	4.0	36
64	Synthesis of a novel heptacoordinated Fe(III) dinuclear complex: experimental and theoretical study of the magnetic properties. Dalton Transactions, 2010, 39, 4874.	3.3	35
65	Molecular assembly of two [Co ^{II}] ₄ linear arrays. Chemical Communications, 2011, 47, 707-709.	4.1	35
66	Selective oxidative para C=C dimerization of 2,6-dimethylphenol. Chemical Communications, 2005, , 5808.	4.1	33
67	A Novel Ni ₄ Complex Exhibiting Microsecond Quantum Tunneling of the Magnetization. Chemistry - A European Journal, 2008, 14, 11158-11166.	3.3	33
68	Structure and properties of a new double-stranded tetranuclear [CuII ₂] ₂ helicate. Chemical Communications, 2006, , 671.	4.1	31
69	A novel [CuII ₄] cluster from the assembly of two [CuII ₂ L]+units by a central μ ₄ -1,1,2 perchlorate ligand. Dalton Transactions, 2008, , 861-864.	3.3	31
70	A dissymmetric [Gd ₂] coordination molecular dimer hosting six addressable spin qubits. Communications Chemistry, 2020, 3, .	4.5	30
71	Synthesis and studies of a tetradecanuclear manganese(II)/(III) cage. Chemical Communications, 2002, , 1896-1897.	4.1	29
72	Fe(III) clusters built with tripodal alcohol ligands. Polyhedron, 2006, 25, 325-333.	2.2	29

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73	Coordination Dependence of Magnetic Properties within a Family of Related [FeII ₂] Complexes of a Triazine-Based Ligand. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1353-1361.	2.0	29
74	A Zig-Zag [MnII ₄] Cluster from a Novel Bis(1 ² -diketonate) Ligand. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1940-1944.	2.0	29
75	Copper Coordination Polymers Based on Single-Chain or Sheet Structures Involving Dinuclear and Tetranuclear Copper(II) Units: Synthesis, Structures, and Magnetostructural Correlations. <i>Inorganic Chemistry</i> , 2009, 48, 4873-4881.	4.0	29
76	Synthesis, crystal structure and magnetic properties of a mononuclear and a ferromagnetically coupled dinuclear nickel(II) complex derived from a hexadentate Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2005, 358, 3362-3368.	2.4	28
77	Novel Linear Transition Metal Clusters of a Heptadentate Bis-1 ² -diketone Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 2519-2529.	4.0	28
78	Two Cu ₂ and Zn ₂ Metallamacrocycles Featuring a Novel Extended π-Conjugated Carbazole Bridge. <i>Inorganic Chemistry</i> , 2007, 46, 2947-2949.	4.0	28
79	Ferromagnetic Ni ^{II} Discs. <i>Chemistry - A European Journal</i> , 2009, 15, 12389-12398.	3.3	28
80	Homoleptic versus Heteroleptic Formation of Mononuclear Fe(II) Complexes with Tris-Imine Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 4110-4116.	4.0	28
81	Aqua bridged Cu ₂ dimer of a heptadentate N ₄ O ₃ coordinating ligand: Synthesis, structure and magnetic properties. <i>Polyhedron</i> , 2009, 28, 987-993.	2.2	27
82	A NiII cubane with a ligand derived from a unique metal ion-promoted, crossed-aldol reaction of acetone with di-2-pyridyl ketone. <i>Polyhedron</i> , 2011, 30, 3022-3025.	2.2	27
83	A molecular [Mn ₁₄] coordination cluster featuring two slowly relaxing nanomagnets. <i>Chemical Communications</i> , 2012, 48, 1413-1415.	4.1	27
84	Multimetastability in a Spin-Crossover Compound Leading to Different High-Spin-to-Low-Spin Relaxation Dynamics. <i>Inorganic Chemistry</i> , 2013, 52, 7203-7209.	4.0	27
85	The Impact of Anion-Modulated Structural Variations on the Magnetic Coupling in Trinuclear Heterometallic Cu ^{II} -Co ^{II} Complexes Derived from a Salen-Type Schiff Base Ligand. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3341-3349.	2.0	25
86	A Magneto-Optical Molecular Device: Interplay of Spin Crossover, Luminescence, Photomagnetism, and Photochromism. <i>Angewandte Chemie</i> , 2017, 129, 15828-15833.	2.0	25
87	The Use of a Bis(phenylpyrazolyl)pyridyl Ligand to Prepare [Mn ₄] and [Mn ₁₀] Cage Complexes. <i>Chemistry - A European Journal</i> , 2011, 17, 4960-4963.	3.3	23
88	Special Issue "Spin Crossover (SCO) Research". <i>Magnetochemistry</i> , 2016, 2, 28.	2.4	22
89	Molecules Designed to Contain Two Weakly Coupled Spins with a Photoswitchable Spacer. <i>Chemistry - A European Journal</i> , 2017, 23, 13648-13659.	3.3	22
90	The First Case of Local cis versus trans Coordination as the Controlling Factor for the Overall Structure in Dinuclear Assemblies. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1046-1048.	2.0	21

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91	Atmospheric CO ₂ fixation leads to a unique bridged complex and coordination induced ligand hydrolysis to a [CuII] complex. <i>Polyhedron</i> , 2006, 25, 2791-2799.	2.2	21
92	A ketone oximate based cyclic cationic [NiII ₄] inverse metallocrown from simultaneous chelation and bridging of two ligands. <i>Dalton Transactions</i> , 2007, , 1989.	3.3	21
93	Selective Lanthanide Distribution within a Comprehensive Series of Heterometallic [LnPr] Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 8429-8439.	4.0	21
94	Encouraging Chromium(III) Ions to Form Larger Clusters: Syntheses, Structures, Magnetic Properties and Theoretical Studies of Di- and Octametalllic Cr Clusters. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3382-3392.	2.0	20
95	“Depolymerization” Approach in Mn Cluster Chemistry: Controlled Cleavage of a 1D Coordination Polymer Consisting of Mn ₈ Units in Its Constituent, Discrete Mn ₈ Complex. <i>Inorganic Chemistry</i> , 2010, 49, 359-361.	4.0	20
96	Unusual Crystal Packing in a Family of [Fe{2,6-bis(pyrazol-3-yl)pyridine} ₂] ₂ Compounds and the Effect on the Occurrence of Spin Crossover and Its Cooperative Character. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 6013-6021.	2.0	20
97	Two New bis- β -Diketones as Ligands for Novel Systems in Supramolecular Chemistry. <i>Synthetic Communications</i> , 2003, 33, 11-18.	2.1	19
98	Thermodynamic Stability of Heterodimetallic [LnLn ²] Complexes: Synthesis and DFT Studies. <i>Chemistry - A European Journal</i> , 2017, 23, 5117-5125.	3.3	19
99	A Spin-Crossover Molecular Material Describing Four Distinct Thermal Pathways. <i>Inorganic Chemistry</i> , 2018, 57, 11019-11026.	4.0	19
100	Two New Dinuclear Sterically Crowded CuII Complexes as Catalyst Precursors for the Oxidative Coupling of 2,6-Dimethylphenol. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1394-1400.	2.0	18
101	Coordination Versatility of 5(3)-(2-Hydroxyphenyl)-3(5)-methylpyrazole: Synthesis, Crystal Structure and Properties of CoIII, NiII and CuII Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2635-2640.	2.0	18
102	Tandem Mn ^{II} Exchange and Homocoupling Processes Mediated by a Synergistically Operative Lithium Manganate. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3247-3253.	13.8	18
103	A Molecular Chain of Four CoII Ions Stabilized by a Tris-Pyridyl/Bis- β -Diketonate Ligand. <i>Australian Journal of Chemistry</i> , 2009, 62, 1130.	0.9	17
104	Microwave assisted synthesis in coordination chemistry. <i>Polyhedron</i> , 2013, 52, 781-787.	2.2	17
105	Synthesis, structure, spectroscopy and reactivity of new heterotrinnuclear water oxidation catalysts. <i>Chemical Science</i> , 2016, 7, 3304-3312.	7.4	17
106	Molecular Nanomagnets. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 301-313.	0.9	16
107	Synthesis and properties of a novel linear [Ni ₄ L ₂ (py) ₆] cluster: Designed ligand-controlled topology of the metals. <i>Comptes Rendus Chimie</i> , 2008, 11, 1117-1120.	0.5	16
108	Hydrogen bond assisted co-crystallization of a bimetallic Mn ^{III} ₂ Ni ^{II} ₂ cluster and a Ni ^{II} ₂ cluster unit: synthesis, structure, spectroscopy and magnetism. <i>Dalton Transactions</i> , 2010, 39, 4986-4990.	3.3	16

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109	Linear or Cyclic Clusters of Cu(II) with a Hierarchical Relationship. <i>Inorganic Chemistry</i> , 2014, 53, 3290-3297.	4.0	16
110	METAL-BASED MOLECULAR CHAINS: DESIGN BY COORDINATION CHEMISTRY. <i>Comments on Inorganic Chemistry</i> , 2011, 32, 163-194.	5.2	15
111	Supramolecular Click Assembly of a Fused Double-Stranded [Mn ^{II} ₃] Dihelicate. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4119-4122.	2.0	14
112	Molecular [(Fe ₃) ²⁺ (Fe ₃) ²⁺] and [(Fe ₄) ²⁺ (Fe ₄) ²⁺] Coordination Cluster Pairs as Single or Composite Arrays. <i>Inorganic Chemistry</i> , 2012, 51, 8441-8446.	4.0	14
113	Microwave assisted synthesis: A Mn/Ni reaction system affording Mn ₅ Ni ₄ , Mn ₂ Ni ₂ and Mn ₇ complexes. <i>Polyhedron</i> , 2013, 64, 45-51.	2.2	14
114	An Fe ^{II} Spin-Crossover Complex Becomes Increasingly Cooperative with Ageing. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 745-752.	2.0	14
115	Structural and Magnetic Analysis of Retrosynthetically Designed Architectures Built from a Triply Bridged Heterometallic (CuL) ₂ Co Node and Benzenedicarboxylates. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3028-3037.	2.0	14
116	Two isosceles coordination [Ni ₃] triangles strongly interacting via hydrogen bonds. <i>Polyhedron</i> , 2013, 52, 1369-1374.	2.2	13
117	Synthetic, structural and magnetic implications of introducing 2,2'-dipyridylamide to sodium-ferrate complexes. <i>Dalton Transactions</i> , 2017, 46, 6683-6691.	3.3	13
118	Controlled Heterometallic Composition in Linear Trinuclear [LnCeLn] Lanthanide Molecular Assemblies. <i>Chemistry - A European Journal</i> , 2019, 25, 15228-15232.	3.3	13
119	Polynuclear vanadium complexes from thermal decomposition of [V ₃ O(O ₂ CPh) ₆ (H ₂ O) ₃]Cl. <i>Dalton Transactions</i> , 2006, , 1981-1987.	3.3	12
120	First use of 1,4-dihydro-2,3-quinoxalinedione in the chemistry of coordination polymers: A 3D copper(II) complex containing the 2,3-dioxyquinoxalinate(2-) ligand in a novel coordination mode. <i>Inorganic Chemistry Communication</i> , 2008, 11, 186-191.	3.9	12
121	Dissymmetry of an exogenous bridging ligand facilitates the assembly of a ferromagnetic and chiral [CuII ₃] complex. <i>Dalton Transactions</i> , 2009, , 256-258.	3.3	12
122	Structural and Magnetic Diversity in Alkali-Metal Manganate Chemistry: Evaluating Donor and Alkali-Metal Effects in Co-complexation Processes. <i>Chemistry - A European Journal</i> , 2016, 22, 4843-4854.	3.3	12
123	Heteroleptic Iron(II) Spin-Crossover Complexes Based on a 2,6-Bis(pyrazol-1-yl)pyridine-type Ligand Functionalized with a Carboxylic Acid. <i>Inorganic Chemistry</i> , 2019, 58, 12199-12208.	4.0	12
124	A bis-vanadyl coordination complex as a 2-qubit quantum gate. <i>Chemical Communications</i> , 2020, 56, 3139-3142.	4.1	12
125	A Mixed-Valence [Mn ^{II} Mn ^{III} Mn ^{II}] Complex of a Linear Phenol-bis(pyrazole) Ligand with an <i>S</i> = 3 Spin Ground State. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3871-3876.	2.0	11
126	Photochromic Performance of Two Cu(II)-One-Dimensional Solvatomorphs Controlled by Intermolecular Interactions. <i>Crystal Growth and Design</i> , 2016, 16, 4026-4033.	3.0	11

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127	Designed polynuclear lanthanide complexes for quantum information processing. Dalton Transactions, 2021, 50, 12045-12057.	3.3	11
128	Synthesis and characterisation of a {Ni ₂ Ag} cage. Chemical Communications, 2005, , 2927.	4.1	10
129	Study of the magnetic exchange within the cluster polymer [NaCu ₆ (gly) ₈ (ClO ₄) ₃ (H ₂ O)] _n (ClO ₄) _{2n} . Inorganica Chimica Acta, 2008, 361, 3919-3925.	2.4	10
130	Selective signalling of alcohols by a molecular lattice and mechanism of single-crystal-to-single-crystal transformations. Inorganic Chemistry Frontiers, 2020, 7, 3165-3175.	6.0	10
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