

Marius Andruh

List of Publications by Year in descending order

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61984

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docs citations

134
times ranked

4324
citing authors

#	ARTICLE	IF	CITATIONS
1	The interplay of coordinative, hydrogen bonding and π - π stacking interactions in sustaining supramolecular solid-state architectures.. Coordination Chemistry Reviews, 2003, 236, 91-119.	18.8	710
2	3d ⁴ -4f Combined Chemistry: Synthetic Strategies and Magnetic Properties. Inorganic Chemistry, 2009, 48, 3342-3359.	4.0	501
3	Compartmental Schiff-base ligands—a rich library of tectons in designing magnetic and luminescent materials. Chemical Communications, 2011, 47, 3025.	4.1	306
4	Oligonuclear 3d-4f Complexes as Tectons in Designing Supramolecular Solid-State Architectures: Impact of the Nature of Linkers on the Structural Diversity. Chemistry - A European Journal, 2006, 12, 187-203.	3.3	265
5	Structure, spectroscopic and magnetic properties of rare earth metal(III) derivatives with the 2-formyl-4-methyl-6-(N-(2-pyridylethyl)formimidoyl)phenol ligand. Inorganic Chemistry, 1993, 32, 1616-1622.	4.0	226
6	First Heterotrimetallic {3d ⁴ -4f} Single Chain Magnet, Constructed from Anisotropic High-Spin Heterometallic Nodes and Paramagnetic Spacers. Chemistry - A European Journal, 2009, 15, 11808-11814.	3.3	205
7	Oligonuclear complexes as tectons in crystal engineering: structural diversity and magnetic properties. Chemical Communications, 2007, , 2565.	4.1	194
8	The exceptionally rich coordination chemistry generated by Schiff-base ligands derived from o-vanillin. Dalton Transactions, 2015, 44, 16633-16653.	3.3	187
9	Study of the Luminescent and Magnetic Properties of a Series of Heterodinuclear [Zn ^{II} Ln ^{III}] Complexes. Inorganic Chemistry, 2011, 50, 5879-5889.	4.0	151
10	A rational synthetic route leading to 3d ⁴ -4f heterospin systems: self-assembly processes involving heterobinuclear 3d ⁴ complexes and hexacyanometallates. Chemical Communications, 2003, , 2778-2779.	4.1	139
11	A Mixed-Valence and Mixed-Spin Molecular Magnetic Material: [Mn ^{II}] ₆ [Mo ^{III} (CN) ₇][Mo ^{IV} (CN) ₈] ₂ ·19.5 H ₂ O. Angewandte Chemie - International Edition, 1999, 38, 2606-2609.	13.8	120
12	The first coordination compound containing three different types of spin carriers: 2p ⁴ -3d ⁴ -4f (TCNQ ^{•-}) ₂ ·Tj ₂ ·Q ₂ ·O ₂ ·rgBT / Over	4.1	114
13	Crystal engineering of hybrid inorganic-organic systems based upon complexes with dissymmetric compartmental ligands. CrystEngComm, 2009, 11, 2571.	2.6	111
14	A heterotrimetallic 3d ⁴ -3d ² -4f single chain magnet constructed from anisotropic high-spin 3d ⁴ nodes and paramagnetic spacers. Dalton Transactions, 2010, 39, 4734.	3.3	96
15	Bis(oxalato)chromium(III) complexes: Versatile tectons in designing heterometallic coordination compounds. Coordination Chemistry Reviews, 2011, 255, 161-185.	18.8	91
16	[Cr(phen)(ox) ₂]: a versatile bis-oxalato building block for the design of heteropolymetallic systems. Crystal structures and magnetic properties of AsPh ₄ [Cr(phen)(ox) ₂]·H ₂ O, [NaCr(phen)(ox) ₂ (H ₂ O)]·2H ₂ O and {[Cr(phen)(ox) ₂] ₂ [Mn ₂ (bpy) ₂ (H ₂ O) ₂ (ox)]}·6H ₂ O. New Journal of Chemistry, 2000, 24, 527-536.	2.8	90
17	Heterotrimetallic complexes in molecular magnetism. Chemical Communications, 2018, 54, 3559-3577.	4.1	88
18	Heterobinuclear Complexes as Tectons in Designing Coordination Polymers. Crystal Growth and Design, 2008, 8, 941-949.	3.0	87

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19	New Families of Hetero-tri-spin $2p \sim 3d \sim 4f$ Complexes: Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2014, 53, 7508-7517.	4.0	79
20	Heterotrimetallic Coordination Polymers: $\{Cu^{II}Ln^{III}Fe^{III}\}$ Chains and $\{Ni^{II}Ln^{III}Fe^{III}\}$ Layers: Synthesis, Crystal Structures, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 5429-5446.	3.3	71
21	Two-Dimensional Coordination Polymers Constructed Using, Simultaneously, Linear and Angular Spacers and Cobalt(II) Nodes. New Examples of Networks of Single-Ion Magnets. <i>Inorganic Chemistry</i> , 2015, 54, 16-18.	4.0	71
22	Construction of $3d \sim 4f$ heterometallic coordination polymers by simultaneous use of hexacyanometalate building-blocks and exo-bidentate ligands. <i>Chemical Communications</i> , 2001, , 1084-1085.	4.1	70
23	Constructing Robust Channel Structures by Packing Metallacalixarenes: Reversible Single-Crystal-to-Single-Crystal Dehydration. <i>Journal of the American Chemical Society</i> , 2009, 131, 4586-4587.	13.7	66
24	Synthesis, crystal structures and magnetic properties of cyanide- and phenolate-bridged $[M^{II}Ni^{II}]_2$ tetranuclear complexes (M = Fe and Cr). <i>Dalton Transactions</i> , 2005, , 1357-1364.	3.3	65
25	Molecule-based magnetic materials constructed from paramagnetic organic ligands and two different metal ions. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213611.	18.8	65
26	$[W(bipy)(CN)_6]^{4-}$: A Suitable Metalloligand in the Design of Heterotrimetallic Complexes. The First $Cu^{II}Ln^{III}W^{VI}$ Trinuclear Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 4906-4908.	4.0	63
27	Alkoxo-bridged copper(II) complexes as nodes in designing solid-state architectures. The interplay of coordinative and $d10 \sim d10$ metal-metal interactions in sustaining supramolecular solid-state architectures. <i>Dalton Transactions</i> , 2005, , 1195-1202.	3.3	55
28	Magnetic and Luminescent Binuclear Double-Stranded Helicates. <i>Inorganic Chemistry</i> , 2014, 53, 7738-7747.	4.0	55
29	A chimeric design of heterospin $2p \sim 3d$, $2p \sim 4f$, and $2p \sim 3d \sim 4f$ complexes using a novel family of paramagnetic dissymmetric compartmental ligands. <i>Chemical Communications</i> , 2017, 53, 6504-6507.	4.1	55
30	Trinuclear magnetic clusters based on cyanide metal complexes: synthesis, crystal structures, and magnetic properties of four new $[Mn^{II}2M^{III}]$ complexes (M = Cr, Fe, Co). <i>Journal of Materials Chemistry</i> , 2006, 16, 2660-2668.	6.7	54
31	Mössbauer, Electron Paramagnetic Resonance, and Magnetic Susceptibility Studies on Members of a New Family of Cyano-Bridged $3d-4f$ Complexes. Demonstration of Anisotropic Exchange in a $Fe \sim Gd$ Complex. <i>Inorganic Chemistry</i> , 2010, 49, 3387-3401.	4.0	54
32	Heteropolymetallic Supramolecular Solid-State Architectures Constructed from $[Cr(AA)(C_2O_4)_2]$ -Tectons, and Sustained by Coordinative, Hydrogen Bond and $\pi \sim \pi$ Stacking Interactions (AA = 2,2'-Bipyridine; 1,10-Phenanthroline). <i>Crystal Growth and Design</i> , 2005, 5, 261-267.	3.0	52
33	Self-assembly of $[Cu^{II}Tb^{III}]_3^+$ and $[W(CN)_8]^{3-}$ tectons: a case study of a mixture containing two complexes showing slow-relaxation of the magnetization. <i>Dalton Transactions</i> , 2012, 41, 13578.	3.3	51
34	Magneto-structural variety of new $3d \sim 4f \sim 4(5)d$ heterotrimetallic complexes. <i>Dalton Transactions</i> , 2015, 44, 16713-16727.	3.3	51
35	SMM Behavior Tuned by an Exchange Coupling LEGO Approach for Chimeric Compounds: First $2p \sim 3d \sim 4f$ Heterotrispin Complexes with Different Metal Ions Bridged by One Aminoxyl Group. <i>Inorganic Chemistry</i> , 2019, 58, 13090-13101.	4.0	51
36	Two-Dimensional Coordination Polymers Constructed by $[Ni^{II}Ln^{III}]$ Nodes and $[W^{IV}(bpy)(CN)_6]^{2-}$ Spacers: A Network of $[Ni^{II}Ln^{III}Dy^{III}]$ Single Molecule Magnets. <i>Inorganic Chemistry</i> , 2013, 52, 11627-11637.	4.0	50

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37	Alkoxo-bridged binuclear copper(II) complexes as nodes in constructing extended structures. <i>Inorganica Chimica Acta</i> , 2003, 353, 35-42.	2.4	49
38	Binuclear complexes as tectons in designing supramolecular solid-state architectures. <i>Pure and Applied Chemistry</i> , 2005, 77, 1685-1706.	1.9	49
39	New heterometallic coordination polymers constructed from 3d ⁹ binuclear nodes. <i>New Journal of Chemistry</i> , 2010, 34, 2479.	2.8	47
40	[Mn ₂ (bipym)(H ₂ O) ₈] ⁴⁺ and [Fe(bipy)(CN) ₄] ³⁻ as building blocks in designing novel bipym- and cyanide-bridged heterobimetallic complexes (bipym = 2,2'-bipyrimidine and bipy = 2,2'-bipyridine). <i>Dalton Transactions RSC</i> , 2002, , 3171-3176.	2.3	46
41	Rational Design of Supramolecular Gridlike Layers and Zigzag Chains through a Unique Interplay of d ₁₀ and π - π Stacking Interactions. <i>Crystal Growth and Design</i> , 2006, 6, 1671-1675.	3.0	46
42	A new synthetic route towards heterotrimetallic complexes. Synthesis, crystal structure and magnetic properties of a [CuII MnII CrIII] trinuclear complex. <i>Inorganica Chimica Acta</i> , 2006, 359, 433-440.	2.4	46
43	An original 1D Cu-Co heterometallic compound: synthesis, structure and magnetic properties. <i>New Journal of Chemistry</i> , 2006, 30, 572.	2.8	45
44	[Cr(dpa)(ox) ₂] ³⁻ : a new bis-oxalato building block for the design of heteropolymetallic systems. Crystal structures and magnetic properties of PPh ₄ [Cr(dpa)(ox) ₂], AsPh ₄ [Cr(dpa)(ox) ₂], Hdpa[Cr(dpa)(ox) ₂] \cdot 4H ₂ O, Rad[Cr(dpa)(ox) ₂] \cdot H ₂ O and Sr[Cr(dpa)(ox) ₂] \cdot 2 \cdot 8H ₂ O (dpa = 2,2'-dipyridylamine). <i>New Journal of Chemistry</i> , 2001, 25, 1224-1235.	2.8	42
45	A polynuclear complex, {[Cu(bpe) ₂](NO ₃)}, with interpenetrated diamondoid networks: synthesis, properties and catalytic behavior. <i>Journal of Materials Chemistry</i> , 2005, 15, 4234.	6.7	42
46	Slow Relaxation of Magnetization in an Isostructural Series of Zinc-Lanthanide Complexes: An Integrated EPR and AC Susceptibility Study. <i>Chemistry - A European Journal</i> , 2016, 22, 12849-12858.	3.3	42
47	Structural Diversity in Metal-Organic Frameworks Derived from Binuclear Alkoxo-Bridged Copper(II) Nodes and Pyridyl Linkers. <i>Crystal Growth and Design</i> , 2008, 8, 964-975.	3.0	41
48	Ferromagnetic Coupling through Spin Polarization in the Hexanuclear [MnII ₃ CuII ₃] Complex. <i>Inorganic Chemistry</i> , 2004, 43, 5189-5191.	4.0	40
49	A new family of [Cu ^{II} Ln ^{III} M ^V] heterotrimetallic complexes (Ln = La, Tj) ETQq1.1 0.784314 rgBT properties. <i>Dalton Transactions</i> , 2016, 45, 7642-7649.	3.3	40
50	Synthesis, Crystal Structures, Magnetic Properties, and Theoretical Investigation of a New Series of Ni ^{II} -Ln ^{III} -W ^V Heterotrimetallics: Understanding the SMM Behavior of Mixed Polynuclear Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 12158-12171.	4.0	39
51	Oxalato-Bridged [CuII CrIII] and [MnII CrIII] Binuclear Complexes: Synthesis, Crystal Structures, Magnetic and EPR Investigations. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2914-2922.	2.0	38
52	Extended Structures Constructed from Alkoxo-Bridged Binuclear Complexes as Nodes and Bis(4-pyridyl)ethylene as a Spacer. <i>Crystal Growth and Design</i> , 2005, 5, 279-282.	3.0	36
53	Synthesis, Crystal Structures, and Magnetic Properties of Two Novel Cyanido-Bridged Heterotrimetallic {Cu ^{II} Mn ^{II} Cr ^{III} } Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 2258-2269.	4.0	36
54	Metal complexes as second-sphere ligands. <i>New Journal of Chemistry</i> , 2006, 30, 521.	2.8	34

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55	Copper complexes for biomedical applications: Structural insights, antioxidant activity and neuron compatibility. <i>Journal of Inorganic Biochemistry</i> , 2019, 192, 87-97.	3.5	34
56	New Synthetic Route toward Heterometallic 3d ⁴ and 3d ⁴ 4f Single-Molecule Magnets. The First Coll ⁴ MnIII Heterometallic Complex. <i>Inorganic Chemistry</i> , 2013, 52, 8309-8311.	4.0	33
57	First coordination compounds based on a bis(imino nitroxide) biradical and 4f metal ions: synthesis, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2016, 45, 2936-2944.	3.3	33
58	A new ferromagnetically coupled 1/4-alkoxo ^{1/4} -acetato copper(II) trinuclear complex: [Cu ₃ (H ₂ tea)(Htea)(CH ₃ COO) ₂](ClO ₄) (H ₃ tea=triethanolamine). <i>Inorganica Chimica Acta</i> , 2005, 358, 2066-2072.	2.4	32
59	Heterotopic Helicand for Designing Heterometallic Helicates. <i>Inorganic Chemistry</i> , 2006, 45, 7035-7037.	4.0	32
60	First Ni ^{II} Ln ^{III} Coordination Polymers Constructed by Using [Ni(bpca) ₂] as a Building Block [Hbpca = bis(2-pyridylcarbonyl)amine]: Synthesis, Crystal Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5533-5540.	2.0	30
61	Binuclear Lanthanide-Radical Complexes Featuring Two Centers with Different Magnetic and Luminescence Properties. <i>Inorganic Chemistry</i> , 2016, 55, 11676-11684.	4.0	30
62	A new synthetic route towards binuclear 3d ⁴ complexes, using non-compartmental ligands derived from o-vanillin. Syntheses, crystal structures, magnetic and luminescent properties. <i>New Journal of Chemistry</i> , 2013, 37, 2280.	2.8	29
63	[Mn(MAC){1/4 1,5-N(CN) ₂ }] ₂ (PF ₆): a new one-dimensional coordination polymer with 1/4 1,5-dicyanamido bridges (MAC=pentaaza macrocyclic ligand) synthesis, crystal structure and magnetic properties. <i>Polyhedron</i> , 2003, 22, 1611-1615.	2.2	28
64	New cyanide-bridged MnIII-MIII heterometallic dinuclear complexes constructed from [MIII(AA)(CN) ₄] ⁻ building blocks (M = Cr and Fe): synthesis, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2011, 40, 4898.	3.3	27
65	A novel cyano-bridged pentanuclear complex: [{Mn ₃ (MAC) ₃ (H ₂ O) ₂ }{Fe(CN) ₆ }]·6H ₂ O·2CH ₃ OH synthesis, crystal structure and magnetic properties (MAC=pentaaza macrocyclic ligand). <i>Polyhedron</i> , 2003, 22, 1315-1320.	2.2	26
66	New heterometallic coordination polymers based on zinc(II) complexes with Schiff-base ligands and dicyanometallates: synthesis, crystal structures, and luminescent properties. <i>Journal of Coordination Chemistry</i> , 2015, 68, 479-490.	2.2	25
67	Conducting mixed-valence salt of bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) with the paramagnetic heteroleptic anion [Cr ^{III} (oxalate) ₂ (2,2'-bipyridine)] ⁻ . <i>New Journal of Chemistry</i> , 2008, 32, 333-339.	2.8	22
68	C ₃ symmetric tris(phosphonate)-1,3,5-triazine ligand: homopolymetallic complexes and its radical anion. <i>New Journal of Chemistry</i> , 2010, 34, 2319.	2.8	22
69	Ascorbic acid decomposition into oxalate ions: a simple synthetic route towards oxalato-bridged heterometallic 3d ⁴ clusters. <i>Dalton Transactions</i> , 2015, 44, 7148-7151.	3.3	22
70	Reinecke Anion Derivatives and Homobinuclear Complexes as Tectons in Designing Heteropolymetallic Systems. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 903-907.	2.0	20
71	One-dimensional coordination polymers constructed from di- and trinuclear {3d ⁴ 4f} tectons. A new useful spacer in crystal engineering: 1,3-bis(4-pyridyl)azulene. <i>CrystEngComm</i> , 2014, 16, 319-327.	2.6	20
72	Synthesis, Crystal Structures, and EPR Studies of First Mn ^{III} Ln ^{III} Hetero-binuclear Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 326-334.	4.0	20

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73	Magnetism in Heterobimetallic and Heterotrimetallic Chains Based on the Use of $[W^{VI}(bipy)(CN)_6]$ as a Metalloligand. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 360-369.	2.0	19
74	$[Ru^{III}(valen)(CN)_2]^{+}$: a New Building Block To Design 4d ^{4f} Heterometallic Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 5621-5623.	4.0	18
75	New Zn(II) Coordination Polymers Constructed from Amino-Alcohols and Aromatic Dicarboxylic Acids: Synthesis, Structure, Photocatalytic Properties, and Solid-State Conversion to ZnO. <i>Crystal Growth and Design</i> , 2015, 15, 799-811.	3.0	18
76	Aggregation of $[Ln^{III}12]$ clusters by the dianion of 3-formylsalicylic acid. Synthesis, crystal structures, magnetic and luminescence properties. <i>Dalton Transactions</i> , 2019, 48, 1700-1708.	3.3	18
77	Co-crystallization of coordination compounds through second-coordination sphere interactions. <i>CrystEngComm</i> , 2011, 13, 3756.	2.6	17
78	Enantiopure versus Racemic Mixture in Reversible, Two-Step, Single-Crystal to Single-Crystal Transformations of Copper(II) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 8569-8576.	3.3	16
79	Three different types of bridging ligands in a 3d ^{3d²} heterotrimetallic chain. <i>Dalton Transactions</i> , 2018, 47, 1010-1013.	3.3	16
80	Mononuclear Fe(III) and tetranuclear $[Fe(III)Gd(III)]_2$ complexes with a Schiff-base ligand derived from the o-vanillin: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2011, 30, 2414-2420.	2.2	15
81	A Robust Metal-Organic Framework Constructed from Alkoxo-Bridged Binuclear Nodes and Hexamethylenetetramine Spacers: Crystal Structure and Sorption Studies. <i>Inorganic Chemistry</i> , 2012, 51, 7954-7956.	4.0	15
82	Supramolecular heteropolymetallic assemblies constructed from binuclear complexes and hexacyanomethylate anions. Synthesis, crystal structure and magnetic properties of $[Cu_2(fsal-33)(H_2O)_2]_3[Fe(CN)_6]_2 \cdot 8 H_2O$. <i>New Journal of Chemistry</i> , 2000, 24, 615-618.	2.8	14
83	Coordination Polymers Constructed from alkoxo-bridged nodes and exo-bidentate Ligands. <i>Journal of Molecular Structure</i> , 2006, 796, 123-128.	3.6	14
84	One-dimensional coordination polymers constructed from binuclear 3d ^{4f} nodes and isonicotinato spacer. <i>CrystEngComm</i> , 2016, 18, 4779-4786.	2.6	14
85	Bis(4-pyridyl)mercury – a new linear tecton in crystal engineering: coordination polymers and co-crystallization processes. <i>CrystEngComm</i> , 2015, 17, 5474-5487.	2.6	13
86	Triphenylbismuth(v) di[(iso)nicotinate] – transmetallation agents or divergent organometallogalands? First organobismuth(v)-based silver(i) coordination polymers. <i>Dalton Transactions</i> , 2018, 47, 2531-2542.	3.3	12
87	Aggregation of heptanuclear $[MII_7]$ (M = Co, Ni, Zn) clusters by a Schiff-base ligand derived from o-vanillin: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2019, 171, 269-278.	2.2	12
88	C_3 -symmetric trinuclear copper(^{II}) species as tectons in crystal engineering. <i>CrystEngComm</i> , 2013, 15, 294-301.	2.6	11
89	Mixed ligand binuclear alkoxo-bridged copper(II) complexes derived from aminoalcohols and nitrogen ligands. <i>Journal of Molecular Structure</i> , 2013, 1046, 164-170.	3.6	11
90	Luminescence thermometry based on one-dimensional benzoato-bridged coordination polymers containing lanthanide ions. <i>Dalton Transactions</i> , 2021, 50, 9881-9890.	3.3	11

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91	Exchange Interactions at the Supramolecular Level – Synthesis, Crystal Structure, Magnetic Properties, and EPR Spectra of [Mn(MAC)(TCNQ) ₂] (MAC = Pentaaza Macrocyclic Ligand; TCNQ = 7,7,8,8-tetracyanoquinodimethane). <i>Inorganic Chemistry</i> , 2003, 42, 1995-1999.	2.0	10
92	Cobalt(II) Ions Connecting [Co ^{II}] ₄ Helicates into a 2-D Coordination Polymer Showing Slow Relaxation of the Magnetization. <i>Inorganic Chemistry</i> , 2017, 56, 11668-11675.	4.0	10
93	Trinuclear Nickel(II) and Cobalt(II) Complexes Constructed from Mannich–Schiff Base Ligands: Synthesis, Crystal Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4773-4783.	2.0	9
94	Magnetic Molecular Rectangles Constructed from Functionalized Nitronyl–Nitroxide Ligands and Lanthanide(III) Ions. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 567-577.	2.0	9
95	Dimensionality Control in Crystalline Zinc(II) and Silver(I) Complexes with Ditopic Benzothiadiazole-Dipyridine Ligands. <i>Chemistry</i> , 2021, 3, 269-287.	2.2	9
96	Coordination polymers constructed from tetrahedral-shaped adamantane tectons. <i>CrystEngComm</i> , 2017, 19, 27-31.	2.6	8
97	Cyanomethylene-bis(phosphonate) as ditopical ligand: stepwise formation of a 2-D heterometallic Fe(III)–Ag(I) coordination network. <i>CrystEngComm</i> , 2012, 14, 3096.	2.6	7
98	An Angular Bis-Oxamate Tecton for the Construction of Heterobimetallic Coordination Polymers. <i>Crystal Growth and Design</i> , 2013, 13, 2711-2715.	3.0	7
99	Atmospheric CO ₂ capture by a triphenyltin–1,2-bis(4-pyridyl)ethane system with formation of a rare trinuclear carbonato-centered core. <i>Inorganic Chemistry Communication</i> , 2015, 58, 71-73.	3.9	7
100	Coordination polymers constructed from triorganotin(IV) nodes and fumarate spacers. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 58-63.	1.8	7
101	Design of Fe ^{III} –Ln ^{III} binuclear complexes using compartmental ligands: synthesis, crystal structures, magnetic properties, and <i>ab initio</i> analysis. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10912-10926.	5.5	7
102	Hetero-tri-spin systems: an alternative stairway to the Single Molecule Magnets heaven?. <i>Dalton Transactions</i> , 2021, 50, 15961-15972.	3.3	7
103	Tetranuclear Zn(II) complexes with compartmental and dicyanamido ligands: synthesis, structure, and luminescent properties. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1539-1547.	2.2	6
104	Coordination Polymers Constructed from Oligonuclear Nodes. <i>Chimia</i> , 2013, 67, 383-387.	0.6	6
105	Organic co-crystals of 1,3-bis(4-pyridyl)azulene with a series of hydrogen-bond donors. <i>CrystEngComm</i> , 2018, 20, 4463-4484.	2.6	6
106	Coordination polymers and supramolecular solid-state architectures constructed from an organometallic tecton, bis(4-pyridyl)mercury. <i>Polyhedron</i> , 2019, 166, 7-16.	2.2	6
107	A Synthetic Approach Towards Homotrimeric Complexes: Design of Mn(II), Ni(II) AND Cu(II) Trinuclear Complexes Using Two New Unsymmetrical Tetradentate Ligands Derived from 3-Formylsalicylic Acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1998, 28, 13-22.	1.8	5
108	A two-dimensional Cu ^{II} –Mn ^{II} heterometallic coordination polymer: structure determination using synchrotron X-ray powder diffraction and magnetic properties. <i>CrystEngComm</i> , 2015, 17, 7423-7429.	2.6	5

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109	Alkoxido-bridged binuclear copper(ii) complexes derived from aminoalcohols – useful building blocks in designing coordination polymers with a rich structural variety. <i>CrystEngComm</i> , 2017, 19, 3538-3552.	2.6	5
110	Homo- and heterometallic complexes constructed from hexafluoroacetylacetonato and Schiff-base complexes as building-blocks. <i>Journal of Coordination Chemistry</i> , 2018, 71, 693-706.	2.2	5
111	A novel octacyanido dicobalt(II) building block for the construction of heterometallic compounds. <i>New Journal of Chemistry</i> , 2019, 43, 6675-6682.	2.8	5
112	New Cyanido-Bridged Heterometallic 3d-4f 1D Coordination Polymers: Synthesis, Crystal Structures and Magnetic Properties. <i>Magnetochemistry</i> , 2021, 7, 57.	2.4	5
113	Synthesis, crystal structure, magnetic, spectroscopic, and theoretical investigations of two new nitronyl-nitroxide complexes. <i>Journal of Coordination Chemistry</i> , 2021, 74, 279-293.	2.2	5
114	A new cyanido-bridged $[\text{Cu}_2(\text{NC})_2\text{MoIV}(\text{CN})_6]$ pentanuclear complex ($\text{L}_2 = \text{bicompartamental}$) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf Chemistry</i> , 2011, 64, 93-104.	2.2	4
115	Heterometallic 3d-4d coordination polymers assembled from $[\text{Ru}^{\text{III}}(\text{L})(\text{CN})_2]^{2+}$ tectons and 3d cations. <i>Dalton Transactions</i> , 2019, 48, 15455-15464.	3.3	4
116	Assembling $\{\text{CuII} \text{LnIII} \text{OsIII}\}$ heterotrimetallic octanuclear complexes and 1D coordination polymers from the same molecular modules. <i>Polyhedron</i> , 2020, 175, 114242.	2.2	4
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