

Anastasios J Tasiopoulos

List of Publications by Year in descending order

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158
papers

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76326

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Giant Single-Molecule Magnets: A{Mn ₈₄ } Torus and Its Supramolecular Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2117-2121.	13.8	840
2	Filling the gap between the quantum and classical worlds of nanoscale magnetism: giant molecular aggregates based on paramagnetic 3d metal ions. <i>Chemical Society Reviews</i> , 2016, 45, 1597-1628.	38.1	207
3	Diol-type ligands as central "players"™ in the chemistry of high-spin molecules and single-molecule magnets. <i>Dalton Transactions</i> , 2008, , 5537.	3.3	182
4	A Mn ₁₇ Octahedron with a Giant Ground-State Spin: Occurrence in Discrete Form and as Multidimensional Coordination Polymers. <i>Inorganic Chemistry</i> , 2009, 48, 5049-5051.	4.0	131
5	A Family of 3D Coordination Polymers Composed of Mn ₁₉ Magnetic Units. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7722-7725.	13.8	125
6	Inducing Single-Molecule Magnetism in a Family of Loop-of-Loops Aggregates: Heterometallic Mn ₄₀ Na ₄ Clusters and the Homometallic Mn ₄₄ Analogue. <i>Journal of the American Chemical Society</i> , 2010, 132, 16146-16155.	13.7	123
7	A [Mn ₃₂] Double-Decker Wheel. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4441-4444.	13.8	109
8	Mixed Transition-Metal-Lanthanide Complexes at Higher Oxidation States: Heteronuclear CeIV-MnIV Clusters. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 345-349.	13.8	102
9	Template Synthesis and Single-Molecule Magnetism Properties of a Complex with Spin S = 16 and a [Mn ₈ O ₈] ⁸⁺ Saddle-Like Core. <i>Journal of the American Chemical Society</i> , 2003, 125, 15274-15275.	13.7	100
10	Nickel/Lanthanide Single-Molecule Magnets: {Ni ₃ Ln} "Stars" with a Ligand Derived from the Metal-Promoted Reduction of Di-2-pyridyl Ketone under Solvothermal Conditions. <i>Inorganic Chemistry</i> , 2010, 49, 9737-9739.	4.0	97
11	Characterization and Magnetic Properties of a "Super Stable" Radical 1,3-Diphenyl-7-trifluoromethyl-1,4-dihydro-1,2,4-benzotriazin-4-yl. <i>Journal of Organic Chemistry</i> , 2011, 76, 2798-2806.	3.2	97
12	Synthetic Analogues for Oxovanadium(IV)-Glutathione Interaction: An EPR, Synthetic and Structural Study of Oxovanadium(IV) Compounds with Sulfhydryl-Containing Pseudopeptides and Dipeptides. <i>Chemistry - A European Journal</i> , 1999, 5, 910-921.	3.3	88
13	Combining Azide, Carboxylate, and 2-Pyridyloximate Ligands in Transition-Metal Chemistry: Ferromagnetic Ni ₅ Clusters with a Bowtie Skeleton. <i>Inorganic Chemistry</i> , 2010, 49, 10486-10496.	4.0	76
14	[Mn ₁₂ O ₁₂ (OMe) ₂ (O ₂ CPh) ₁₆ (H ₂ O) ₂] ₂ -Single-Molecule Magnets and Other Manganese Compounds from a Reductive Aggregation Procedure. <i>Inorganic Chemistry</i> , 2005, 44, 6324-6338.	4.0	67
15	High-Nuclearity Ce/Mn and Th/Mn Cluster Chemistry: Preparation of Complexes with [Ce ₄ Mn ₁₀ O ₁₀ (OMe) ₆] ¹⁸⁺ and [Th ₆ Mn ₁₀ O ₂₂ (OH) ₂] ¹⁸⁺ Cores. <i>Inorganic Chemistry</i> , 2007, 46, 3105-3115.	4.0	67
16	Nimesulide Silver Metallodrugs, Containing the Mitochondriotropic, Triaryl Derivatives of Pnictogen; Anticancer Activity against Human Breast Cancer Cells. <i>Inorganic Chemistry</i> , 2016, 55, 8681-8696.	4.0	66
17	New antimony(III) halide complexes with dithiocarbamate ligands derived from thiuram degradation: The effect of the molecule's close contacts on in vitro cytotoxic activity. <i>Materials Science and Engineering C</i> , 2016, 58, 396-408.	7.3	65
18	A Reductive-Aggregation Route to [Mn ₁₂ O ₁₂ (OMe) ₂ (O ₂ CPh) ₁₆ (H ₂ O) ₂] ₂ ? Single-Molecule Magnets Related to the [Mn ₁₂] Family. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6338-6342.	13.8	64

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19	Single-Molecule Magnets: A Family of MnIII/CeIV Complexes with a [Mn ₈ CeO ₈] ¹²⁺ Core. <i>Inorganic Chemistry</i> , 2008, 47, 4832-4843.	4.0	64
20	High Nuclearity Single-Molecule Magnets: a Mixed-Valence Mn ₂₆ Cluster Containing the Di-2-pyridylketone Diolate Dianion. <i>Inorganic Chemistry</i> , 2008, 47, 10081-10089.	4.0	63
21	Magnetic μ -Molecular Oligomers Based on Decametallate Supertetrahedra: A Giant Mn ₄₉ Cuboctahedron and its Mn ₂₅ Na ₄ Fragment. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 679-684.	13.8	62
22	A Large [Mn ₁₀ Na] ₄ Loop of Four Linked Mn ₁₀ Loops. <i>Inorganic Chemistry</i> , 2007, 46, 3795-3797.	4.0	61
23	Mixed Transition Metal Lanthanide Complexes at High Oxidation States: Heteronuclear CeIVMnIV Clusters. <i>Inorganic Chemistry</i> , 2007, 46, 9678-9691.	4.0	60
24	Structural Motifs and Biological Studies of New Antimony(III) Iodide Complexes with Thiones. <i>Inorganic Chemistry</i> , 2010, 49, 488-501.	4.0	60
25	Symmetric and Asymmetric Dinuclear Manganese(IV) Complexes Possessing a [Mn ₂ (μ -O) ₂ (μ -O ₂ CMe)] ₃ Core and Terminal Cl-Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 1483-1492.	4.0	59
26	Synthesis, characterization and biological activity of antimony(III) or bismuth(III) chloride complexes with dithiocarbamate ligands derived from thiuram degradation. <i>Polyhedron</i> , 2014, 67, 89-103.	2.2	59
27	New Antimony(III) Bromide Complexes with Thioamides: Synthesis, Characterization, and Cytostatic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 2233-2245.	4.0	55
28	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
29	A New Class of Ferromagnetically-Coupled Mixed Valence Vanadium(IV/V) Polyoxometalates. <i>Chemistry - A European Journal</i> , 2003, 9, 695-703.	3.3	53
30	Synthesis, structural characterization and in vitro inhibitory studies against human breast cancer of the bis-(2,6-di-tert-butylphenol)tin(IV) dichloride and its complexes. <i>Dalton Transactions</i> , 2012, 41, 14568.	3.3	53
31	Insertion of Functional Groups into a Nd ³⁺ Metal-Organic Framework via Single-Crystal-to-Single-Crystal Coordinating Solvent Exchange. <i>Inorganic Chemistry</i> , 2012, 51, 6308-6314.	4.0	53
32	New Zn ²⁺ Metal Organic Frameworks with Unique Network Topologies from the Combination of Trimesic Acid and Amino-Alcohols. <i>Crystal Growth and Design</i> , 2012, 12, 5471-5480.	3.0	52
33	Molecules at the Quantum-Classical Nanoparticle Interface: Giant Mn ₇₀ Single-Molecule Magnets of \sim 44 nm Diameter. <i>Inorganic Chemistry</i> , 2016, 55, 3419-3430.	4.0	52
34	Single crystal coordinating solvent exchange as a general method for the enhancement of the photoluminescence properties of lanthanide MOFs. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5258.	10.3	50
35	Synthesis, characterization and biological studies of new antimony(III) halide complexes with μ -thiocaprolactam. <i>Journal of Inorganic Biochemistry</i> , 2012, 109, 57-65.	3.5	49
36	Beneficial effects of a vanadium complex with cysteine, administered at low doses on benzo(α)pyrene-induced leiomyosarcomas in Wistar rats. <i>Anticancer Research</i> , 1998, 18, 3609-13.	1.1	43

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37	A Mn ₃₆ Ni ₄ "loop-of-loops-and-supertetrahedra"™ aggregate possessing a high ST = 26 Å ± 1 spin ground state. <i>Chemical Communications</i> , 2012, 48, 5410.	4.1	42
38	Flexible lanthanide MOFs as highly selective and reusable liquid MeOH sorbents. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5061.	10.3	42
39	Novel mixed metal Ag(I)-Sb(III)-metallotherapeutics of the NSAIDs, aspirin and salicylic acid: Enhancement of their solubility and bioactivity by using the surfactant CTAB. <i>Journal of Inorganic Biochemistry</i> , 2015, 150, 108-119.	3.5	40
40	New metallo-therapeutics of NSAIDs against human breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1687-1701.	5.5	40
41	Employment of methyl 2-pyridyl ketone oxime in manganese non-carboxylate chemistry: MnII2MnIV and MnII2MnIII6 complexes. <i>Dalton Transactions</i> , 2009, , 1004.	3.3	39
42	Rare Oxidation-State Combinations and Unusual Structural Motifs in Hexanuclear Mn Complexes Using 2-Pyridyloximate Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 4388-4390.	4.0	39
43	The search for cobalt single-molecule magnets: A disk-like CoIII ₂ CoII ₆ cluster with a ligand derived from a novel transformation of 2-acetylpyridine. <i>Polyhedron</i> , 2011, 30, 2987-2996.	2.2	38
44	Chloro(triphenylphosphine)gold(I) a forefront reagent in gold chemistry as apoptotic agent for cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2018, 179, 107-120.	3.5	38
45	A novel aggregate of [Mn ₂ (μ-O) ₂] units: [Mn ₈ O ₁₀ (O ₂ CMe) ₆ (H ₂ O) ₂ (bpy) ₆] ⁴⁺ with a serpentine core. <i>Chemical Communications</i> , 2003, , 580-581.	4.1	36
46	Enneanuclear Ni(II) complexes from the use of the flexible ligand 2-pyridinealdoxime: The nature of the inorganic anion does not affect the chemical and structural identity of the cationic cluster. <i>Inorganica Chimica Acta</i> , 2006, 359, 4149-4157.	2.4	36
47	Models of Oxovanadium(IV) "Protein Interactions: The First Oxovanadium(IV) Complexes with Dipeptides. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2531-2533.	4.4	35
48	4-(Hydroxymethyl)pyridine and pyrimidine in manganese benzoate chemistry: Preparation and characterization of hexanuclear clusters featuring the core. <i>Polyhedron</i> , 2006, 25, 1737-1746.	2.2	34
49	A Mn ₁₅ single-molecule magnet consisting of a supertetrahedron incorporated in a loop. <i>Dalton Transactions</i> , 2010, 39, 4978.	3.3	34
50	Preparation and crystal structures of MnII, mixed-valent MnII/MnIII, and MnIII polymeric compounds. <i>Polyhedron</i> , 2003, 22, 133-143.	2.2	33
51	A Highly Porous Interpenetrated Metal "Organic Framework from the Use of a Novel Nanosized Organic Linker. <i>Inorganic Chemistry</i> , 2011, 50, 11297-11299.	4.0	33
52	Metal ion-assisted transformations of 2-pyridinealdoxime and hexafluorophosphate. <i>Dalton Transactions</i> , 2012, 41, 2862-2865.	3.3	33
53	Enhanced gas-sorption properties of a high surface area, ultramicroporous magnesium formate. <i>CrystEngComm</i> , 2015, 17, 532-539.	2.6	32
54	Interaction of antimony(III) chloride with thiourea, 2-mercapto-5-methyl-benzimidazole, 3-methyl-2-mercaptobenzothiazole, 2-mercaptopyrimidine, and 2-mercaptopyridine. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3859-3871.	2.2	30

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55	Copper(I)/(II) or silver(I) ions towards 2-mercaptopyrimidine: An exploration of a chemical variability with possible biological implication. <i>Inorganica Chimica Acta</i> , 2012, 382, 146-157.	2.4	30
56	Addition of tetraethylthiuram disulfide to antimony(III) iodide; synthesis, characterization and biological activity. <i>Inorganica Chimica Acta</i> , 2016, 443, 141-150.	2.4	30
57	Water-stable 2-D Zr MOFs with exceptional UO_2^{2+} sorption capability. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1849-1857.	10.3	29
58	A flexible Cd^{2+} metal organic framework with a unique (3,3,6)-connected topology, unprecedented secondary building units and single crystal to single crystal solvent exchange properties. <i>CrystEngComm</i> , 2012, 14, 8368.	2.6	27
59	Synthetic analogs for oxovanadium(IV/V) "glutathione interaction: an NMR, EPR, synthetic and structural study of oxovanadium(IV/V) compounds with sulfhydryl-containing pseudopeptides and dipeptides. <i>Journal of Inorganic Biochemistry</i> , 2000, 79, 159-166.	3.5	26
60	Unexpected reduction of vanadium(IV) to vanadium(III) in the presence of the chelate ligands 2,2'-bipyridine (bpy) and 1,8-hydroxyquinoline (Hquin). <i>Dalton Transactions RSC</i> , 2001, , 1556-1558.	2.3	26
61	Model investigations for vanadium-protein interactions: vanadium(III) compounds with dipeptides and their oxovanadium(IV) analogues. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 363-374.	2.6	25
62	Triangular Ni_2Ln and Ni_2Y complexes derived from di-2-pyridyl ketone: Synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2011, 30, 2978-2986.	2.2	25
63	Heterometallic $\text{Mn}^{\text{III}}_4\text{Ln}_2$ ($\text{Ln} = \text{Dy}, \text{Gd}, \text{Tb}$) Cross-Shaped Clusters and Their Homometallic $\text{Mn}^{\text{III}}_4\text{Mn}^{\text{II}}_2$ Analogues. <i>Inorganic Chemistry</i> , 2017, 56, 5657-5668.	4.0	25
64	Reticular Chemistry and the Discovery of a New Family of Rare Earth (4, 8)-Connected Metal-Organic Frameworks with csq Topology Based on $\text{RE}_4(\text{I}^{1/4}\text{O})_3(\text{COO})_8$ Clusters. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44560-44566.	8.0	25
65	Poly Organotin Acetates against DNA with Possible Implementation on Human Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2055.	4.1	25
66	Monomeric Compounds Containing the $\text{cis-[V}(\text{I}^{3/4}\text{O})(\text{OH})]^+$ Core. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2797-2801.	13.8	24
67	Antimony(III) halide compounds of thioureas: Structures and biological activity. <i>Polyhedron</i> , 2014, 79, 151-160.	2.2	24
68	A single-chain magnet based on linear $[\text{Mn}^{\text{III}}_2\text{Mn}^{\text{II}}]$ units. <i>Chemical Communications</i> , 2014, 50, 14873-14876.	4.1	24
69	A Microporous Co^{2+} Metal Organic Framework with Single-Crystal to Single-Crystal Transformation Properties and High CO_2 Uptake. <i>Crystal Growth and Design</i> , 2015, 15, 185-193.	3.0	24
70	Interesting copper(II)-assisted transformations of 2-acetylpyridine and 2-benzoylpyridine. <i>Dalton Transactions</i> , 2016, 45, 1063-1077.	3.3	23
71	Novel bismuth compounds: synthesis, characterization and biological activity against human adenocarcinoma cells. <i>RSC Advances</i> , 2016, 6, 29026-29044.	3.6	23
72	A microporous Cu^{2+} MOF based on a pyridyl isophthalic acid Schiff base ligand with high CO_2 uptake. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1527-1535.	6.0	22

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73	Alcoholysis/hydrolysis of 1,1- ϵ^2 -carbonyldiimidazole as a means of preparing unprecedented, imidazole-containing one-dimensional coordination polymers of copper(II). Dalton Transactions, 2009, , 3354.	3.3	21
74	Synthesis and non-linear optical properties of some novel nickel derivatives. Chemical Physics, 2010, 372, 33-45.	1.9	21
75	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. Inorganic Chemistry, 2010, 49, 359-361.	4.0	20
76	A 1-D coordination polymer based on a Mn ₄₀ octagonal super-structure. Chemical Communications, 2013, 49, 1061.	4.1	20
77	Synthesis, characterization and cytotoxic properties of bismuth(III) chloride complexes with heterocyclic thioamides. Inorganica Chimica Acta, 2018, 471, 23-33.	2.4	20
78	Ciprofloxacin conjugated to diphenyltin(IV): a novel formulation with enhanced antimicrobial activity. Dalton Transactions, 2020, 49, 11522-11535.	3.3	20
79	Luminescence thermometry and field induced slow magnetic relaxation based on a near infrared emissive heterometallic complex. Dalton Transactions, 2022, 51, 8208-8216.	3.3	20
80	Synthesis and Structural Characterization of New Cu(I) Complexes with the Antithyroid Drug 6-n-Propyl-thiouracil. Study of the Cu(I)-Catalyzed Intermolecular Cycloaddition of Iodonium Ylides toward Benzo[b]furans with Pharmaceutical Implementations. Inorganic Chemistry, 2012, 51, 12248-12259.	4.0	19
81	Approaches to Molecular Magnetic Materials from the Use of Cyanate Groups in Higher Oxidation State Metal Cluster Chemistry: Mn ₁₄ and Mn ₁₆ . European Journal of Inorganic Chemistry, 2013, 2013, 2286-2290.	2.0	19
82	1-D coordination polymers consisting of a high-spin Mn ₁₇ octahedral unit. Polyhedron, 2009, 28, 1814-1817.	2.2	18
83	A Mn ^{II} ₆ Mn ^{III} ₆ Single-Strand Molecular Wheel with a Reuleaux Triangular Topology: Synthesis, Structure, Magnetism, and DFT Studies. Inorganic Chemistry, 2013, 52, 12070-12079.	4.0	18
84	Spin-Crossover Phenomenon in Microcrystals and Nanoparticles of a [Fe(2-mpz) ₂ Ni(CN) ₄] Two-Dimensional Hofmann-Type Polymer: A Detailed Nano-Topographic Study. Inorganic Chemistry, 2019, 58, 13733-13736.	4.0	18
85	Binding of ligands containing carbonyl and phenol groups to iron(III): new Fe ₆ , Fe ₁₀ and Fe ₁₂ coordination clusters. Dalton Transactions, 2017, 46, 3240-3251.	3.3	17
86	Model investigations for vanadium-protein interactions: first vanadium(III) complexes with dipeptides and their oxovanadium(IV) analogues. Chemical Communications, 1998, , 569-570.	4.1	16
87	Evidence for the Formation of the (Ph ₃ P) ₂ Pt Complex of 3,7-Dimethyltricyclo[3.3.0.0 ^{3,7}]oct-1(5)-ene, the Most Highly Pyramidalized Alkene in a Homologous Series. Isolation and X-ray Structure of the Product of the Ethanol Addition to the Complex. Organic Letters, 2006, 8, 3001-3004.	4.6	16
88	A new family of octanuclear Mn complexes with a rod-like topology. Polyhedron, 2009, 28, 3203-3208.	2.2	16
89	±-Benzoin Oxime in Higher Oxidation State 3d Metal Cluster Chemistry: Structural and Magnetic Study of a New Mn ^{III} ₉ Complex. Inorganic Chemistry, 2010, 49, 3077-3079.	4.0	16
90	Study on single crystal structure of the antimony(III) bromide complex with 3-methyl-2-mercaptobenzothiazole and biological activity of some antimony(III) bromide complexes with thioamides. Medicinal Chemistry Research, 2012, 21, 3523-3531.	2.4	16

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91	Hexanuclear zinc(II) carboxylate complexes from the use of pyridine-2,6-dimethanol: Synthetic, structural and photoluminescence studies. <i>Polyhedron</i> , 2013, 52, 467-475.	2.2	16
92	Introducing Dimensionality to the Archetypical Mn_{12} Single-Molecule Magnet: a Family of $[Mn_{12}]_n$ Chains. <i>Inorganic Chemistry</i> , 2016, 55, 1367-1369.	4.0	16
93	Novel lipophilic amidate oxorhenium and oxotechnetium complexes as potential brain agents: synthesis, characterization and biological evaluation. <i>Journal of Biological Inorganic Chemistry</i> , 2001, 6, 159-165.	2.6	15
94	Two new coordination polymers containing the triangular $[Mn_3O(O_2CR)_6]^{0/+}$ units. <i>Inorganica Chimica Acta</i> , 2008, 361, 4100-4106.	2.4	15
95	New Mixed Valence $Mn^{II/III}_6$ Complexes Bearing Oximato and Azido Ligands: Synthesis, and Structural and Magnetic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2244-2253.	2.0	15
96	High-Performance Luminescence Thermometer with Field-Induced Slow Magnetic Relaxation Based on a Heterometallic Cyanido-Bridged $3d-4f$ Complex. <i>Inorganic Chemistry</i> , 2022, 61, 2546-2557.	4.0	15
97	Field-sweep-rate dependence of the coercive field of single-molecule magnets: A classical approach with applications to the quantum regime. <i>Physical Review B</i> , 2005, 72, .	3.2	14
98	The supramolecular chemistry of metal complexes with heavily substituted imidazoles as ligands: Cobalt(II) and zinc(II) complexes of 1-methyl-4,5-diphenylimidazole. <i>Polyhedron</i> , 2009, 28, 3349-3355.	2.2	14
99	QSAR studies on antimony(III) halide complexes with N-substituted thiourea derivatives. <i>Polyhedron</i> , 2017, 123, 152-161.	2.2	14
100	Homometallic $\{Mn_{10}\}$ and heterometallic $\{Mn_6Ca_4\}$ supertetrahedra exhibiting an unprecedented $\{Mn_{19}Mn_{11}\}$ oxidation state level and heterometal ions distribution. <i>Polyhedron</i> , 2018, 151, 433-440.	2.2	14
101	Two isomeric $[Mn_{12}O_{12}(OMe)_2(O_2CPh)_{16}(H_2O)_2]^{2+}$ single-molecule magnets and a Mn_{III} polymer prepared by a reductive aggregation synthetic route. <i>Polyhedron</i> , 2005, 24, 2505-2512.	2.2	13
102	Synthetic routes to a family of $Mn-Ce$ heterometallic clusters. <i>Polyhedron</i> , 2007, 26, 2183-2188.	2.2	13
103	Copper(II)/di-2-pyridyl ketone chemistry: A triangular cluster displaying antisymmetric exchange versus an 1D coordination polymer. <i>Polyhedron</i> , 2013, 64, 30-37.	2.2	13
104	A hexameric $[Mn_{18}Na_6]$ wheel based on $[Mn_3O]^{7+}$ sub-units. <i>Chemical Communications</i> , 2016, 52, 12829-12832.	4.1	13
105	“Squaring the clusters”: a $Mn_{14}Ni_{14}$ molecular square from nickel(ii)-induced structural transformation of a $Mn_{11}/III/IV_{12}$ cage. <i>Dalton Transactions</i> , 2012, 41, 4744.	3.3	12
106	Pentanuclear complexes with unusual structural topologies from the initial use of two aliphatic amino-alcohol ligands in Fe chemistry. <i>Dalton Transactions</i> , 2012, 41, 1544-1552.	3.3	12
107	Supramolecular features in the engineering of 3d metal complexes with phenyl-substituted imidazoles as ligands: the case of copper(II). <i>CrystEngComm</i> , 2015, 17, 7510-7521.	2.6	11
108	Selective CO_2 adsorption in water-stable alkaline-earth based metal-organic frameworks. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 541-549.	6.0	11

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109	Expanding the NUIG MOF family: synthesis and characterization of new MOFs for selective CO ₂ adsorption, metal ion removal from aqueous systems, and drug delivery applications. Dalton Transactions, 2021, 50, 6997-7006.	3.3	11
110	New type dithiolene complex based on 4,5-(1,4-dioxane-2,3-diylthio)-1,3-dithiol ligand: Synthesis, experimental and theoretical investigation. Polyhedron, 2009, 28, 3340-3348.	2.2	10
111	Initial use of 1,1'-oxalyldiimidazole for inorganic synthesis: Decomposition of the ligand as a means to the preparation of an imidazole- and oxalate(-2)-containing, 1D copper(II) complex. Inorganic Chemistry Communication, 2009, 12, 402-405.	3.9	10
112	A Systematic Evaluation of the Interplay of Weak and Strong Supramolecular Interactions in a Series of Co(II) and Zn(II) Complexes Tuned by Ligand Modification. Crystal Growth and Design, 2012, 12, 429-444.	3.0	10
113	Heterometallic Fe(III)-Ce(IV) complexes from the use of aliphatic aminoalcohol ligands. Polyhedron, 2013, 52, 346-354.	2.2	10
114	Discrete and encapsulated molecular grids: homometallic Mn ₁₅ and heterometallic Mn ₂₄ Ni ₂ aggregates. Chemical Communications, 2014, 50, 9090-9093.	4.1	10
115	A missing oxidation-state level in the family of polyoxo(azide)octadecavanadate(IV/V) clusters: Synthesis, structure and antitumoural properties of [V ₁₁ V ₇ O ₄₄ (N ₃) ₁₀] ¹⁰⁻ in a sodium containing-3D architecture. Inorganic Chemistry Communication, 2016, 69, 85-88.	3.9	10
116	Structural and biological features of bismuth(III) halide complexes with heterocyclic thioamides. Journal of Molecular Structure, 2021, 1227, 129730.	3.6	10
117	Zinc(II) and Nickel(II) Benzoate Complexes from the Use of 1-methyl-4,5-diphenylimidazole. Bioinorganic Chemistry and Applications, 2010, 2010, 1-7.	4.1	9
118	Mononuclear and Dinuclear Manganese(II) Complexes from the Use of Methyl(2-pyridyl)ketone Oxime. Bioinorganic Chemistry and Applications, 2010, 2010, 1-9.	4.1	9
119	Unexpected Formation, X-ray structure, and characterization of the triangular [Ti ₃ Y(OMe) ₆ (f ^{sup} ₅ -C ₅ H ₅) ₃](l ₃) complex from hydrolysis and methanolysis of [Ti(f ^{sup} ₅ -C ₅ H ₅) ₂ l ₂]. Journal of Coordination Chemistry, 2011, 64, 2377-2387.	2.2	8
120	Supramolecular patterns of cationic and neutral Ni(II) complexes from the interplay of hydrogen-bonding, stacking interactions and metal-coordination motifs. CrystEngComm, 2012, 14, 6492.	2.6	8
121	2-hydroxybenzophenone-controlled self-assembly of enneanuclear lanthanide(III) hydroxo coordination clusters with an "hourglass"-like topology. Inorganic Chemistry Communication, 2017, 83, 118-122.	3.9	8
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