

Antonio Luque

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135
papers

3,938
citations

38
h-index

56
g-index

145
ext. papers

4,151
ext. citations

4.4
avg, IF

4.77
L-index

#	Paper	IF	Citations
135	The Chemistry of Zirconium/Carboxylate Clustering Process: Acidic Conditions to Promote Carboxylate-Unsaturated Octahedral Hexamers and Pentanuclear Species.. <i>Inorganic Chemistry</i> , 2022 , 61, 4842-4851	5.1	
134	Ferromagnetic supramolecular metal-organic frameworks for active capture and magnetic sensing of emerging drug pollutants. <i>Cell Reports Physical Science</i> , 2021 , 2, 100421	6.1	3
133	Single-Ion Magnet and Photoluminescence Properties of Lanthanide(III) Coordination Polymers Based on Pyrimidine-4,6-Dicarboxylate. <i>Magnetochemistry</i> , 2021 , 7, 8	3.1	1
132	Adenine nucleobase directed supramolecular architectures based on ferrimagnetic heptanuclear copper(II) entities and benzenecarboxylate anions. <i>Journal of Inorganic Biochemistry</i> , 2020 , 202, 110865	4.2	5
131	A straightforward route to obtain zirconium based metal-organic gels. <i>Microporous and Mesoporous Materials</i> , 2019 , 284, 128-132	5.3	21
130	[ZrO(OH)(benzene-1,4-dicarboxylato)]: a hexagonal polymorph of UiO-66. <i>Chemical Communications</i> , 2019 , 55, 5954-5957	5.8	13
129	Supramolecular architectures of metal-oxalato coordination polymers bearing N-tethered adenine nucleobases. <i>Polyhedron</i> , 2019 , 171, 53-64	2.7	
128	Theophylline alkaloid as glue of paddle-wheel copper(II)-adenine entities to afford a rhomboid chain. <i>Inorganica Chimica Acta</i> , 2019 , 484, 437-442	2.7	5
127	Porous Supramolecular Architectures Based on π -Stacking Interactions between Discrete Metal-Adenine Entities and the Non-DNA Theobromine/Caffeine Nucleobases. <i>Crystal Growth and Design</i> , 2018 , 18, 3465-3476	3.5	6
126	Metal π thiobenzoato Complexes: Synthesis, Structure, and Processing as Carbon-Supported Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1371-1382	2.3	3
125	Providing evidence for the requirements to achieve supramolecular materials based on metal π nucleobase entities. <i>CrystEngComm</i> , 2018 , 20, 2528-2539	3.3	4
124	Chemically Resistant, Shapeable, and Conducting Metal-Organic Gels and Aerogels Built from Dithiooxamidato Ligand. <i>Advanced Functional Materials</i> , 2017 , 27, 1605448	15.6	26
123	Supramolecular Architectures Based on Metal π cytosine Systems. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1333-1340	2.3	4
122	Structural diversity of coordination compounds derived from double-chelating and planar diazinedicarboxylate ligands. <i>Coordination Chemistry Reviews</i> , 2017 , 352, 83-107	23.2	10
121	3D Magnetically Ordered Open Supramolecular Architectures Based on Ferrimagnetic Cu/Adenine/Hydroxide Heptameric Wheels. <i>Inorganic Chemistry</i> , 2016 , 55, 7755-63	5.1	13
120	Aerogels of 1D Coordination Polymers: From a Non-Porous Metal-Organic Crystal Structure to a Highly Porous Material. <i>Polymers</i> , 2016 , 8,	4.5	10
119	Scandium/Alkaline Metal π organic Frameworks: Adsorptive Properties and Ionic Conductivity. <i>Chemistry of Materials</i> , 2016 , 28, 2519-2528	9.6	61

118	Exploiting Synthetic Conditions to Promote Structural Diversity within the Scandium(III)/Pyrimidine-4,6-dicarboxylate System. <i>Crystal Growth and Design</i> , 2015 , 15, 2352-2363	3.5	29
117	Enhancing luminescence properties of lanthanide(III)/pyrimidine-4,6-dicarboxylate system by solvent-free approach. <i>Dalton Transactions</i> , 2015 , 44, 6972-86	4.3	26
116	Photoluminescence Tuning and Water Detection of Yttrium Diazinedicarboxylate Materials through Lanthanide Doping. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2650-2663	2.3	11
115	Photoluminescence Modulation in Lanthanide(III)/Pyrazine-2,5-dicarboxylate/Nitrato Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4318-4328	2.3	15
114	Porous materials based on metal-nucleobase systems sustained by coordination bonds and base pairing interactions. <i>CrystEngComm</i> , 2015 , 17, 3051-3059	3.3	32
113	Towards multicomponent MOFs via solvent-free synthesis under conventional oven and microwave assisted heating. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 425-433	6.8	10
112	Unravelling the Growth of Supramolecular Metal-Organic Frameworks Based on Metal-Nucleobase Entities. <i>Crystal Growth and Design</i> , 2015 , 15, 975-983	3.5	38
111	The crystal structure of a new polymorph of hexa-aqua-nickel(II) bis-(6-oxo-1,6-di-hydro-pyridine-3-carboxyl-ate). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, m238-9	0.7	0
110	Crystal structure of trans-di-aqua-bis-(1H-pyrazole-3-carboxyl-ato-(2- N,O)copper(II) dihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, m232-3	0.7	1
109	Porous M(II)/pyrimidine-4,6-dicarboxylate neutral frameworks: synthetic influence on the adsorption capacity and evaluation of CO ₂ -adsorbent interactions. <i>Chemistry - A European Journal</i> , 2014 , 20, 1554-68	4.8	21
108	Two appealing alternatives for MOFs synthesis: solvent-free oven heating vs. microwave heating. <i>RSC Advances</i> , 2014 , 4, 60409-60412	3.7	24
107	Paddle-Wheel Shaped Copper(II)-Adenine Discrete Entities As Supramolecular Building Blocks To Afford Porous Supramolecular Metal-Organic Frameworks (SMOFs). <i>Crystal Growth and Design</i> , 2014 , 14, 4019-4029	3.5	53
106	Metal-carboxylate-nucleobase systems: From supramolecular assemblies to 3D porous materials. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 2716-2736	23.2	73
105	Structural Diversity in a Copper(II)/Isophthalate/9-Methyladenine System. From One- to Three-Dimensional Metal-Biomolecule Frameworks. <i>Crystal Growth and Design</i> , 2013 , 13, 3057-3067	3.5	22
104	Structure-Directing Effect of Organic Cations in the Assembly of Anionic In(III)/Diazinedicarboxylate Architectures. <i>Crystal Growth and Design</i> , 2012 , 12, 1501-1512	3.5	29
103	Gas Adsorption Properties and Selectivity in Cu(I)/Adeninate/Carboxylate Metal-Biomolecule Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5921-5933	2.3	30
102	Improving the performance of a poorly adsorbing porous material: template mediated addition of microporosity to a crystalline submicroporous MOF. <i>Chemical Communications</i> , 2012 , 48, 907-9	5.8	21
101	A direct reaction approach for the synthesis of zeolitic imidazolate frameworks: template and temperature mediated control on network topology and crystal size. <i>Chemical Communications</i> , 2012 , 48, 9930-2	5.8	55

100	Directing the Formation of Adenine Coordination Polymers from Tunable Copper(II)/Dicarboxylato/Adenine Paddle-Wheel Building Units. <i>Crystal Growth and Design</i> , 2012 , 12, 3324-3334	3.5	42
99	Synthetic control to achieve lanthanide(III)/pyrimidine-4,6-dicarboxylate compounds by preventing oxalate formation: structural, magnetic, and luminescent properties. <i>Inorganic Chemistry</i> , 2012 , 51, 7875-7888	5.1	44
98	Lanthanide(III)/pyrimidine-4,6-dicarboxylate/oxalate extended frameworks: a detailed study based on the lanthanide contraction and temperature effects. <i>Inorganic Chemistry</i> , 2011 , 50, 8437-51	5.1	59
97	Low-Nuclearity MnII Complexes Based on Pyrimidine-4,6-dicarboxylato Bridging Ligand: Crystal Structure, Ion Exchange and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 68-77	2.3	13
96	Open-framework copper adeninate compounds with three-dimensional microchannels tailored by aliphatic monocarboxylic acids. <i>Inorganic Chemistry</i> , 2011 , 50, 5330-2	5.1	45
95	Porous supramolecular compound based on paddle-wheel shaped copper(II) adenine dinuclear entities. <i>CrystEngComm</i> , 2011 , 13, 3301	3.3	39
94	Supramolecular architectures of metal oxalato complexes containing purine nucleobases. <i>Inorganica Chimica Acta</i> , 2011 , 365, 211-219	2.7	29
93	Bis(1,10-phenanthroline- κ^2 , κ^1)bis-(thio-cyanato- κ^2)cadmium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m704-5		2
92	Influence of the synthetic conditions on the structural diversity of extended manganese-oxalato-1,2-bis(4-pyridyl)ethylene systems. <i>Inorganic Chemistry</i> , 2010 , 49, 11346-61	5.1	27
91	Organization of Coordination Polymers on Surfaces by Direct Sublimation. <i>Advanced Materials</i> , 2009 , 21, 2025-2028	2.4	40
90	Supramolecular Architectures and Magnetic Properties of Self-Assembled Windmill-Like Dinuclear Copper(II) Complexes with Purine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2344-2353	2.3	31
89	Analysis of the Interaction between Adenine Nucleobase and Metal-Malonato Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3889-3899	2.3	37
88	Structural and magnetic characterization of one-dimensional oxalato-bridged metal(II) complexes with 4-amino-3,5-bis(2-pyridyl)-1,2,4-triazole ligand: A supramolecular open-framework. <i>Inorganica Chimica Acta</i> , 2009 , 362, 4212-4218	2.7	14
87	Condensed heterometallic bidimensional mixed valence Cu(I)/Cu(II)/Ni(II) cyanidometallate. <i>Dalton Transactions</i> , 2009 , 9722-4	4.3	4
86	Thermally induced interconversions of metal-pyrimidine-4,6-dicarboxylate polymers: a structural, spectroscopic, and magnetic study. <i>Inorganic Chemistry</i> , 2009 , 48, 3087-94	5.1	26
85	Manganese(II) pyrimidine-4,6-dicarboxylates: synthetic, structural, magnetic, and adsorption insights. <i>Inorganic Chemistry</i> , 2008 , 47, 5267-77	5.1	45
84	Rational design of 1-D metal-organic frameworks based on the novel pyrimidine-4,6-dicarboxylate ligand. New insights into pyrimidine through magnetic interaction. <i>Dalton Transactions</i> , 2007 , 2669-80	4.3	32
83	Molecular recognition of adeninium cations on anionic metal-oxalato frameworks: an experimental and theoretical analysis. <i>Inorganic Chemistry</i> , 2007 , 46, 3593-602	5.1	32

82	Molecular Recognition of Protonated Cytosine Ribbons by Metal-Oxalato Frameworks. <i>Crystal Growth and Design</i> , 2007 , 7, 2594-2600	3.5	25
81	Supramolecular architectures and magnetic properties of coordination polymers based on pyrazinedicarboxylato ligands showing embedded water clusters. <i>Inorganic Chemistry</i> , 2006 , 45, 5367-82 ^{5.1}		79
80	Rational Design of 2D Magnetic Metal-Organic Coordination Polymers Assembled from Oxalato and Dipyridyl Spacers. <i>Crystal Growth and Design</i> , 2006 , 6, 1839-1847	3.5	72
79	Supramolecular architectures assembled by the interaction of purine nucleobases with metal-oxalato frameworks. Non-covalent stabilization of the 7H-adenine tautomer in the solid-state. <i>Dalton Transactions</i> , 2006 , 902-11	4.3	73
78	Bis(2,2'-bipyridine- κ N,N')(nitrate- κ)copper(II) hexafluorophosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1353-m1355		2
77	Reversible dehydration process in a novel three-dimensional covalent network based on pyrimidine-4,6-dionato bridging ligand. <i>Inorganica Chimica Acta</i> , 2006 , 359, 2583-2588	2.7	3
76	Scanning probe microscopy characterization of single chains based on a one-dimensional oxalato-bridged manganese(II) complex with 4-aminotriazole. <i>Inorganic Chemistry</i> , 2005 , 44, 8343-8	5.1	51
75	A Binuclear Copper(II) Complex Containing the Pyrazine-2,5-dicarboxylate Ligand: Study of the Magnetic Exchange through the Pyrazine Bridge. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2586-2589	2.3	22
74	One-Dimensional Oxalato-Bridged Metal(II) Complexes with 4-Amino-1,2,4-triazole as Apical Ligand. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4280-4290	2.3	44
73	Bis(μ ,1,2,4-triazole- κ N1:N2)bis[μ -diaqua(oxalato- κ O,O')copper(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, m9-m11		4
72	trans-Bis[4-amino-3,5-bis(2-pyridyl)-4H-1,2,4-triazole- κ N1,N5]bis(nitrate- κ)copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, m720-m722		7
71	A new hydrated phase of cobalt(II) oxalate: crystal structure, thermal behavior and magnetic properties of $\{[\text{Co}(\text{Ebx})(\text{H}_2\text{O})_2] \cdot n\text{H}_2\text{O}\}_n$. <i>Inorganica Chimica Acta</i> , 2004 , 357, 339-344	2.7	41
70	An unusual 3D coordination polymer based on bridging interactions of the nucleobase adenine. <i>Inorganic Chemistry</i> , 2004 , 43, 4549-51	5.1	94
69	One-dimensional oxalato-bridged Cu(II), Co(II), and Zn(II) complexes with purine and adenine as terminal ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 5761-70	5.1	106
68	Inclusion of organic pyridin-3-onate anions by sheets of hydroxo-bridged Cu(II) dimeric complexes. <i>Inorganica Chimica Acta</i> , 2003 , 349, 273-278	2.7	18
67	A 2D polymer constructed through bridging oxalato and 4,4'-bipyridine ligands: crystal structure and magnetic behavior of $[\text{Cu}_3(\text{Ebx})_3(\mu,4,4'\text{-bpy})_2(\mu,4,4'\text{-bpy})_2]_n$. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 803-806	3.1	40
66	A transition metal complex containing pyrazine-2,5-dicarboxylato bridging ligands: a novel three-dimensional manganese(II) compound. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 1224-1227	3.1	18
65	Dipotassium aquabis(pyrazine-2,3-dicarboxylato- κ N,O)cuprate(II) hexahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m800-m802		6

64	Water displacement by cyanogold complexes in binuclear nickel(II) compounds based on bridging oxalate. Synthesis, structural diversity, magnetic properties, and DFT calculations. <i>Inorganic Chemistry</i> , 2003 , 42, 960-9	5.1	40
63	Organic/inorganic hybrids based on four-electron reduced Keggin isomer phosphododecamolybdates and diazines. <i>New Journal of Chemistry</i> , 2003 , 27, 399-408	3.6	16
62	A novel organic-inorganic hybrid based on a dinuclear copper complex supported on a kegginn polyoxometalate. <i>Inorganic Chemistry</i> , 2003 , 42, 3709-11	5.1	137
61	(μ -oxalato-O1,O2:O1,PO2) μ bis[aqua(diethylenetriamine)nickel(II)] bis(hexafluorophosphate) dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, m81-3		3
60	Tris[bis(diethylenetriamine)nickel(II)] bis[hexacyanoferrate(III)] decahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, m524-m526		1
59	Magneto-structural studies and thermal analysis of n-ethylpyridinium (n=2, 3, 4) tetrabromocuprate(II) complexes. <i>Polyhedron</i> , 2002 , 21, 19-26	2.7	34
58	Tetracyanometalates of Ni, Pd, and Pt with cyclic diquaternary cations of 2,2'-bipyridine and 1,10-phenanthroline. A vibrational, crystallographic, and theoretical study of intermolecular weak interactions. <i>Inorganic Chemistry</i> , 2002 , 41, 4396-404	5.1	22
57	Bis[bis(2-pyridyl)amine-N,N?](nitrate-O,O?)cobalt(II) nitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001 , 57, m384-m386		3
56	(μ -oxalato-bis[aqua(diethylenetriamine)nickel(II)] dinitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001 , 57, m407-m409		1
55	Synthesis, chemical characterization and crystal structure of the (oxalato-O,O?)bis(1,10-phenanthroline)copper(II) pentahydrate. <i>Journal of Molecular Structure</i> , 2001 , 570, 181-188	3.4	21
54	A novel one-dimensional oxalato-bridged copper(II) complex with 2,2'-bipyridine. <i>Inorganic Chemistry Communication</i> , 2001 , 4, 640-642	3.1	36
53	One-dimensional oxalato-bridged copper(II) complexes with 3-hydroxypyridine and 2-amino-4-methylpyridine. <i>Inorganica Chimica Acta</i> , 2001 , 315, 9-17	2.7	57
52	Synthesis, characterisation, crystal structures, and magnetic properties of one-dimensional oxalato-bridged metal(II) complexes with 3-hydroxypyridine and isoquinoline. <i>Inorganica Chimica Acta</i> , 2001 , 324, 141-149	2.7	50
51	One-dimensional oxalato-bridged copper(II) complex possessing two structurally different metallic centres. <i>Inorganic Chemistry Communication</i> , 2001 , 4, 350-353	3.1	39
50	Crystal packing and physical properties of pyridinium tetrabromocuprate(II) complexes assembled via hydrogen bonds and aromatic stacking interactions. <i>New Journal of Chemistry</i> , 2001 , 25, 1208-1214	3.6	63
49	Syntheses, crystal structures, and magnetic properties of one-dimensional oxalato-bridged Co(II), Ni(II), and Cu(II) complexes with n-aminopyridine (n = 2-4) as terminal ligand. <i>Inorganic Chemistry</i> , 2001 , 40, 5526-35	5.1	131
48	Synthesis, crystal structure, thermal behaviour and magnetic properties of a novel one-dimensional copper(II) complex containing neutral and deprotonated 3-hydroxypyridine ligands. <i>New Journal of Chemistry</i> , 2000 , 24, 771-775	3.6	21
47	Binuclear Nickel(II) Complexes Based on Bridging Oxalate and Pseudohalides as Peripheral Ligands: Synthesis, Crystal Structure, DFT Calculations and Magnetic Properties of $[\{Ni(X)(dien)\}_2(\mu_2X)] \cdot nH_2O$ Complexes (X = N $_3^-$, NCS $^-$, n = 0; NCO $^-$, n = 1). <i>European Journal of Inorganic Chemistry</i> , 2000 , 2000, 2511-2517	2.3	15

46	Synthesis, crystal structure, and magnetic properties of a one-dimensional polymeric copper(II) complex containing an unusual 1,1Pbicoordinated oxalato bridge. <i>Inorganic Chemistry</i> , 2000 , 39, 6142-4	5.1	72
45	Ferromagnetic coupling through a carbonate bridge in the copper (II) chain [Cu(CO ₃)(4-apy) ₂] · H ₂ O (4-apy = 4-aminopyridine). <i>Inorganic Chemistry Communication</i> , 1999 , 2, 14-16	3.1	26
44	Synthesis, chemical characterization, X-ray crystal structure and magnetic properties of oxalato-bridged copper(II) binuclear complexes with 2,2'-bipyridine and diethylenetriamine as peripheral ligands. <i>Polyhedron</i> , 1999 , 18, 1235-1245	2.7	88
43	Synthesis, vibrational study, crystal structure and density functional calculations of [Ni(dien) ₂] ²⁺ complexes. Configurational and conformational study of [M(dien) ₂] ⁿ⁺ complexes. <i>Inorganica Chimica Acta</i> , 1999 , 290, 57-63	2.7	30
42	tert-Butylammonium silicododecamolybdate. Synthesis, vibrational study, crystal structure, thermal behaviour and electrochemical properties. <i>Polyhedron</i> , 1998 , 17, 1247-1255	2.7	11
41	Crystal structure, magnetic properties and esr studies of (4-apyH) ₄ [CuIIBr ₄][CuIBr ₂] ₂ : a novel Cu(II) Cu(I) system containing bromocuprate(I) chains and isolated tetrabromocuprate(II) anions. <i>Polyhedron</i> , 1998 , 17, 3875-3880	2.7	17
40	Novel tetranuclear orthometalated complexes of Pd(II) and Pt(II) derived from p-isopropylbenzaldehyde thiosemicarbazone with cytotoxic activity in cis-DDP resistant tumor cell lines. Interaction of these complexes with DNA. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 1399-408	8.3	195
39	Ion-Pair Charge-Transfer Complexes Based on (o-Phenylenebis(oxamato))cuprate(II) and Cyclic Diquaternary Cations of 1,10-Phenanthroline and 2,2'PBipyridine: Synthesis, Crystal Structure, and Physical Properties. <i>Inorganic Chemistry</i> , 1998 , 37, 6452-6460	5.1	82
38	Synthesis, Crystal Structure, and Vibrational and Electron Spin Resonance Study of tert-Butylammonium Chromohexamolybdates, [(CH ₃) ₃ CNH ₃] _n [H(9-n)CrMo ₆ O ₂₄].mH ₂ O (n = 2, m = 2; n = 3, m = 8). Effects of Degrees of Protonation and Hydration.. <i>Acta Chemica Scandinavica</i> , 1998 , 52, 1194-1201		4
37	Synthesis, characterisation and crystal structure of 2-aminopyridinium(2-amino-5-bromopyridine)tribromocuprate(II) and bis(2-aminopyridinium)tetrabromocuprate(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 847-854		42
36	A Trinuclear Nickel(II) Complex Based on Bridging Oxalate and Cyanide Ligands. <i>Inorganic Chemistry</i> , 1997 , 36, 743-745	5.1	25
35	Construction of Quaternary Stereogenic Centers via [2 + 2] Cycloaddition Reactions. Synthesis of Homochiral 4,4-Disubstituted 2-Azetidinones and Imine Substituent Effects on beta-Lactam Formation. <i>Journal of Organic Chemistry</i> , 1997 , 62, 2070-2079	4.2	47
34	Synthesis, Crystal Structure, and Thermal Behavior of Organically Templated Three-Dimensional Tunnel Structures Based on Keggin Phosphododecamolybdate and Diazines. <i>Chemistry of Materials</i> , 1997 , 9, 2869-2875	9.6	17
33	tert-Butylammonium phosphomolybdates. Synthesis, crystal structure, thermal behaviour and electrochemical properties. <i>Polyhedron</i> , 1997 , 16, 2589-2597	2.7	5
32	Organoammonium diphosphopentamolybdates(VI): influence of organic cations and anion protonation on crystal packing and geometrical features of polyanion. <i>Inorganica Chimica Acta</i> , 1997 , 255, 35-45	2.7	30
31	Synthesis, Crystal Structure and Thermal Behaviour of the Diethylenetriammonium Oxalate-Water (1/4), (H ₃ dien) ₂ (ox) ₃ ·4H ₂ O.. <i>Acta Chemica Scandinavica</i> , 1997 , 51, 13-18		3
30	Gold(I)-Purine Interactions: Synthesis and Characterization of Cyclic and Open Chain Polynuclear Gold(I) Complexes Containing Xanthine Derivatives and Bis(phosphine) as Bridging Ligands. Crystal Structures of [Au(2)(X)(dmpe)].3H ₂ O and [Au(2)(TT)(dmpe)].H ₂ O (H ₂ X = Xanthine, H ₂ TT = 8-Mercaptotheophylline). <i>Inorganic Chemistry</i> , 1996 , 35, 4032-4038	5.1	24
29	Influence of the Peripheral Ligand Atoms on the Exchange Interaction in Oxalato-Bridged Nickel(II) Complexes: An Orbital Model. Crystal Structures and Magnetic Properties of (H ₃ dien) ₂ [Ni(2)(ox) ₅].12H ₂ O and [Ni(2)(dien) ₂ (H ₂ O) ₂ (ox)]Cl ₂ . <i>Inorganic Chemistry</i> , 1996 , 35, 3741-3751	5.1	151

28	Synthesis, structure and characterisation of [Ni(bipy) ₃][NaAl(ox) ₃]: (bipy = 2,2'-bipyridine, ox = oxalate). <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 3985-3989		15
27	Kinetic studies on the thermal dehydration of 4-aminopyridinium (1,2-dithiooxalato-S,S')metalate(II) dihydrate complexes (M = Ni, Pd and Pt). <i>Thermochimica Acta</i> , 1996 , 285, 47-55	2.9	0
26	Synthesis, chemical characterization and crystal structure of the anilinium bis(1,2-Dithiooxalato-S,S')nickelate(II). <i>Polyhedron</i> , 1996 , 15, 1071-1077	2.7	1
25	Magneto-structural studies and thermal analysis of the 4-aminopyridinium tetrabromocuprate(II) monohydrate. <i>Polyhedron</i> , 1996 , 15, 1253-1262	2.7	22
24	Influence of protonation on crystal packing and thermal behaviour of tert-butylammonium decavanadates. <i>Polyhedron</i> , 1996 , 15, 4555-4564	2.7	40
23	Tetraphenylphosphonium 1,2-dithiooxalato-s,s' complexes of nickel(II), palladium(II) and platinum(II). Synthesis, chemical characterization, spectroscopic and x-ray studies, and thermochemistry. <i>Polyhedron</i> , 1995 , 14, 1091-1096	2.7	6
22	Preparation, chemical characterization and thermal study of 2-aminopyridinium salts of square-planar 1,2-dithiooxalato-S,S' metal complexes (M = NiII, PdII and PtII). <i>Polyhedron</i> , 1995 , 14, 2925-2931	2.7	14
21	Solid-state chemistry of nickel(II)-oxalate-amine systems. Synthesis, characterization and crystal structure of the bis(2,2'-bipyridine) (oxalato-O,O')nickel(II) tetrahydrate. <i>Polyhedron</i> , 1995 , 14, 2863-2869	2.7	21
20	Studies on the thermal decomposition of dipotassium trans-diaquabis(oxalato-O,O')nickelate(II) tetrahydrate. <i>Thermochimica Acta</i> , 1995 , 257, 67-73	2.9	5
19	Effects of protonation in decavanadates: crystal structure of tetrakis(n-hexylammonium) dihydrogendecavanadate(V). <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 2225-2231		41
18	Thermal features and behaviour of 4-aminopyridinium salts of planar inorganic metal(II) 1,2-dithiooxalato-S,S' complexes, with formula (HC ₅ H ₆ N ₂) ₂ [M(S ₂ C ₂ O ₂) ₂] \cdot 2H ₂ O (where M is NiII, PdII and PtII). <i>Thermochimica Acta</i> , 1994 , 231, 231-237	2.9	9
17	Synthesis, chemical characterization, structural data and thermal behaviour of 3-methylpyridinium salts of 1,2-dithiooxalato-s,s' complexes with formula (HB) ₂ [M(S ₂ C ₂ O ₂) ₂] (M = NiII, PdII and PtII). <i>Polyhedron</i> , 1994 , 13, 2311-2317	2.7	9
16	Synthesis, chemical characterization and thermal behaviour of 1,2-dithiooxalato-S,S' complexes of Ni(II), Pd(II) and Pt(II) with 2-amino-3-methylpyridinium. <i>Thermochimica Acta</i> , 1994 , 233, 223-230	2.9	9
15	Syntheses, chemical characterization, and thermochemistry of pyridinium salts of 1,2-dithiooxalato-S,S' complexes of Ni(II), Pd(II) and Pt(II). <i>Thermochimica Acta</i> , 1994 , 241, 113-120	2.9	6
14	Observation of a novel cyclic tetrametavanadate anion isolated from aqueous solution. <i>Inorganic Chemistry</i> , 1993 , 32, 775-776	5.1	41
13	Synthesis of oxides, oxocarbides and carbides of molybdenum by thermal decomposition of diethylenetriamine oxomolybdenum compounds. <i>Thermochimica Acta</i> , 1993 , 223, 167-175	2.9	5
12	Syntheses, thermal behaviour, and spectroscopic and x-ray studies of quinolinium salts of nickel(II), palladium(II) and platinum(II), 1,2-dithiooxalato-S,S' complexes. Packing and bonding of the quinolinium bis(1,2-dithiooxalato-S,S')nickelate(II). <i>Polyhedron</i> , 1993 , 12, 2831-2839	2.7	9
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10	Contribution to the development of new substitution patterns of optically active .beta.-lactams: synthesis of homochiral 4-(1-aminoalkyl)azetidin-2-ones from N-(tert-butyloxycarbonyl) .alpha.-amino aldehyde-derived imines via asymmetric Staudinger reaction. <i>Journal of the American Chemical Society</i> , 1992 , 114, 9360-9369	16.4	84
9	Reactions of MoO ₃ with diethylenetriamine (dien): Syntheses, solid-state characterization and thermal behaviour. Molecular and crystal structure of a second polymorph of (H ₃ dien) ₂ [Mo ₇ O ₂₄] ₄ H ₂ O. <i>Polyhedron</i> , 1992 , 11, 2027-2038	2.7	30
8	Preparation, chemical characterization and structural studies of 3-aminopyridinium salts of dithiooxalate ligand complexes, [M(S ₂ C ₂ O ₂) ₂] ₂ (M = NiII, PdII or PtII). <i>Polyhedron</i> , 1992 , 11, 1883-1890	2.7	19
7	Preparation, chemical characterization and thermal behaviour of triethylenetetrammonium isopolyoxovanadates. <i>Thermochimica Acta</i> , 1992 , 209, 135-143	2.9	1
6	Thermal features and behaviour of protonated diethylenetriamme isopolyvanadates. <i>Thermochimica Acta</i> , 1992 , 209, 189-194	2.9	5
5	Thermal behaviour and properties of n-alkylammonium decavanadates. <i>Thermochimica Acta</i> , 1992 , 206, 61-69	2.9	4
4	Synthesis, solid state characterization and thermal behaviour of some t-butylammonium polymolybdates. <i>Thermochimica Acta</i> , 1992 , 206, 137-147	2.9	8
3	The moO ₃ -ethylenediamine system. Synthesis, thermal behaviour and crystal structure of a novel binuclear molybdenum(VI) oxocomplex, (enH ₂)[O ₃ Mo ^{VI} O ₂ Mo(en)O ₃]. <i>Polyhedron</i> , 1991 , 10, 2057-2064	2.7	10
2	Hydrogen bonding in alkylammonium chlorometalates of the first transition metals. <i>Inorganic Chemistry</i> , 1991 , 30, 1878-1881	5.1	3
1	Molecular Recognition Process between Nucleobases and Metal-Oxalato Frameworks	407-449	1