

Sixto Dominguez

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Trinuclear Cu(II) capsules self-assembled by nitrilotripropionate. <i>Inorganica Chimica Acta</i> , 2014, 417, 192-200.	1.2	5
2	Cation effect on the crystal structure of polynuclear complexes with 2,2-oxodiacetate as bridging ligand. <i>Inorganica Chimica Acta</i> , 2013, 394, 196-202.	1.2	8
3	Comparative study of nanoporous Ln-Cu coordination polymers containing iminodiacetate as bridging ligand. <i>Journal of Molecular Structure</i> , 2011, 1004, 215-221.	1.8	12
4	Insight into the protonation and K(I)-interaction of the inositol 1,2,3-trisphosphate as provided by 31P NMR and theoretical calculations. <i>Journal of Molecular Structure</i> , 2011, 986, 75-85.	1.8	7
5	Redox and structural aspects on iron inositol 1,2,3-trisphosphate interaction: An experimental and computational approach. <i>Journal of Molecular Structure</i> , 2011, 994, 343-349.	1.8	7
6	Modulation of the Physicochemical Properties of Heteropolynuclear Assemblies Containing Lanthanide Ions and 2,2-oxodiacetate. <i>Macromolecular Symposia</i> , 2011, 304, 72-79.	0.4	3
7	Beryllium binding to adenosine 5-phosphates in aqueous solution at 25°C. <i>Journal of Coordination Chemistry</i> , 2009, 62, 14-22.	0.8	8
8	Chelatable iron pool: inositol 1,2,3-trisphosphate fulfils the conditions required to be a safe cellular iron ligand. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 51-59.	1.1	31
9	The behaviour of inositol 1,3,4,5,6-pentakisphosphate in the presence of the major biological metal cations. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 1001-1013.	1.1	15
10	Complexes of beryllium(II) with N-(2-Acetoamido) iminodiacetate and ligands containing a phosphonate group. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3-13.	0.8	3
11	Interaction of myo-inositol hexakisphosphate with alkali and alkaline earth metal ions: Spectroscopic, potentiometric and theoretical studies. <i>Journal of Molecular Structure</i> , 2008, 874, 77-88.	1.8	38
12	Novel lanthanide-iminodiacetate frameworks with hexagonal pores. <i>Inorganic Chemistry Communication</i> , 2008, 11, 862-864.	1.8	21
13	Lanthanide complexes with oda, ida, and nta: From discrete coordination compounds to supramolecular assemblies. <i>Journal of Molecular Structure</i> , 2008, 879, 130-149.	1.8	47
14	Chemical speciation of polynuclear complexes containing [Ln ₂ M ₃ L ₆] units. <i>Pure and Applied Chemistry</i> , 2008, 80, 1303-1316.	0.9	12
15	Mixed 3d/4f polynuclear complexes with 2,2-oxodiacetate as bridging ligand: Synthesis, structure and chemical speciation of La-M compounds (M=bivalent cation). <i>Journal of Molecular Structure</i> , 2007, 829, 57-64.	1.8	18
16	Solution behaviour of myo-inositol hexakisphosphate in the presence of multivalent cations. Prediction of a neutral pentamagnesium species under cytosolic/nuclear conditions. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 828-840.	1.5	171
17	Complexation of Beryllium(II) Ion by Phosphinate Ligands in Aqueous Solution. Synthesis and XRPD Structure Determination of Be[(PhPO ₂) ₂ CH ₂](H ₂ O) ₂ . <i>Inorganic Chemistry</i> , 2003, 42, 2350-2356.	1.9	27
18	REVIEW: NEW ADVANCES IN THE COORDINATION CHEMISTRY OF THE BERYLLIUM(II). <i>Journal of Coordination Chemistry</i> , 2001, 53, 191-222.	0.8	26

#	ARTICLE	IF	CITATIONS
19	Crystal structure of the 3-D complex [(H ₂ O)Cd(1/4-3,4-TDTA)Cd(H ₂ O)]. Potentiometric and ¹¹³ Cd NMR studies in aqueous solution (3,4-TDTA=3,4-toluenediamine-N,N'-bis(2-tetraacetate)). Dalton Transactions RSC, 2001, , 1559-1565.	2.3	5
20	Beryllium(II) Complexes of the Klãui Tripodal Ligand Cyclopentadienyltris(diethylphosphito-P)cobaltate(ã-). Inorganic Chemistry, 2001, 40, 2725-2729.	1.9	10
21	Interaction of beryllium(II) in aqueous solution with bidentate ligands containing phosphonate groups. Inorganica Chimica Acta, 1999, 285, 39-48.	1.2	30
22	Molybdotellurates containing the 1-methyl-, 2-methyl- and 4-methyl imidazolium cations. Transition Metal Chemistry, 1999, 24, 141-151.	0.7	13
23	HYDROLYSIS OF BERYLLIUM(II) IN DMSO : H ₂ O. Main Group Metal Chemistry, 1997, 20, .	0.6	25
24	Tetramethyl Carboxylic Acids Derived from o-Phenylenediamines as Sequestering Agents for Iron(III):ã% Thermodynamic Studies. X-ray Crystal Structure of Sodium Aqua(4-chloro-1,2-phenylenediamine-N,N',Nã-,Nã--tetraacetato)ferrate(III)ã~Water (1/1.5). Inorganic Chemistry, 1997, 36, 4108-4114.	1.9	36
25	Complexation equilibria of N,Nã-o-phenylenebis(salicylideneimine). Polyhedron, 1997, 16, 4191-4196.	1.0	18
26	Coordinating ability in DMSO-water 80:20 wt./wt. of the Schiff base N,Nã-3,4-toluenebis(salicylideneimine) with divalent cations. Crystal structure of the nickel(II) complex. Inorganica Chimica Acta, 1997, 256, 319-325.	1.2	28
27	Synthesis, characterization and potentiometric studies of trans-dioxorhenium(V) complexes. X-ray crystal structure of [ReO ₂ (tn) ₂]ã-H ₂ O. Polyhedron, 1996, 15, 4341-4347.	1.0	19
28	Nitrilotripropionic Acid (NTP) and Other Polyamino Carboxylic Acids as Sequestering Agents for Beryllium(II). X-ray Crystal Structure of Sodium (nitrilotripropionato)beryllate(II) Trihydrate, Na[Be(NTP)]ã.3H ₂ O. Inorganic Chemistry, 1995, 34, 1579-1587.	1.9	50