

Sixto Dominguez

List of Publications by Year in descending order

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566801

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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)].cnddot.3H2O. <i>Inorganic Chemistry</i> , 1995, 34, 1579-1587.	1.9	50
3	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
4	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
5	Tetramethyl Carboxylic Acids Derived from o-Phenylenediamines as Sequestering Agents for Iron(III): Thermodynamic Studies. X-ray Crystal Structure of Sodium Aqua(4-chloro-1,2-phenylenediamine-N,N,Nâ€³, Nâ€³-tetraacetato)ferrate(III)âˆ™Water (1/1.5). <i>Inorganic Chemistry</i> , 1997, 36, 4108-4114.	1.9	36
6	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
7	Interaction of beryllium(II) in aqueous solution with bidentate ligands containing phosphonate groups. <i>Inorganica Chimica Acta</i> , 1999, 285, 39-48.	1.2	30
8	Coordinating ability in DMSO-water 80:20 wt./wt. of the Schiff base N,Nâ€³-3,4-toluenebis(salicylideneimine) with divalent cations. Crystal structure of the nickel(II) complex. <i>Inorganica Chimica Acta</i> , 1997, 256, 319-325.	1.2	28
9	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
10	REVIEW: NEW ADVANCES IN THE COORDINATION CHEMISTRY OF THE BERYLLIUM(II). <i>Journal of Coordination Chemistry</i> , 2001, 53, 191-222.	0.8	26
11	HYDROLYSIS OF BERYLLIUM(II) IN DMSO : H ₂ O. <i>Main Group Metal Chemistry</i> , 1997, 20, .	0.6	25
12	Novel lanthanideâ€³iminodiacetate frameworks with hexagonal pores. <i>Inorganic Chemistry Communication</i> , 2008, 11, 862-864.	1.8	21
13	Synthesis, characterization and potentiometric studies of trans-dioxorhenium(V) complexes. X-ray crystal structure of [ReO ₂ (tn) ₂].H ₂ O. <i>Polyhedron</i> , 1996, 15, 4341-4347.	1.0	19
14	Complexation equilibria of N,Nâ€³-o-phenylenebis(salicylideneimine). <i>Polyhedron</i> , 1997, 16, 4191-4196.	1.0	18
15	Mixed 3d/4f polynuclear complexes with 2,2â€³-oxidiacetate as bridging ligand: Synthesis, structure and chemical speciation of Laâ€³M compounds (M=bivalent cation). <i>Journal of Molecular Structure</i> , 2007, 829, 57-64.	1.8	18
16	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
17	Molybdotellurates containing the 1-methyl-, 2-methyl- and 4-methyl imidazolium cations. <i>Transition Metal Chemistry</i> , 1999, 24, 141-151.	0.7	13
18	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

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19	Comparative study of nanoporous Ln ^{III} -Cu coordination polymers containing iminodiacetate as bridging ligand. <i>Journal of Molecular Structure</i> , 2011, 1004, 215-221.	1.8	12
20	Beryllium(II) Complexes of the KI ^{III} Tripodal Ligand Cyclopentadienyltris(diethylphosphito-P)cobaltate(III). <i>Inorganic Chemistry</i> , 2001, 40, 2725-2729.	1.9	10
21	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
22	Cation effect on the crystal structure of polynuclear complexes with 2,2'-oxydiacetate as bridging ligand. <i>Inorganica Chimica Acta</i> , 2013, 394, 196-202.	1.2	8
23	Insight into the protonation and K(I)-interaction of the inositol 1,2,3-trisphosphate as provided by ³¹ P NMR and theoretical calculations. <i>Journal of Molecular Structure</i> , 2011, 986, 75-85.	1.8	7
24	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
25	Crystal structure of the 3-D complex [(H ₂ O) ₂ Cd(1/4-3,4-TDTA) ₂ Cd(H ₂ O)]. Potentiometric and ¹¹³ Cd NMR studies in aqueous solution (3,4-TDTA=3,4-toluenediamine-N,N'-bis(2-tetraacetate)). <i>Dalton Transactions RSC</i> , 2001, , 1559-1565.	2.3	5
26	Trinuclear Cu(II) capsules self-assembled by nitrilotripropionate. <i>Inorganica Chimica Acta</i> , 2014, 417, 192-200.	1.2	5
27	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
28	Modulation of the Physicochemical Properties of Heteropolynuclear Assemblies Containing Lanthanide Ions and 2,2'-oxydiacetate. <i>Macromolecular Symposia</i> , 2011, 304, 72-79.	0.4	3