

Maria Luz Godino-Salido

List of Publications by Year in descending order

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59
papers

958
citations

394286

19
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501076

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59
all docs

59
docs citations

59
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamics and fluorescence emission studies on potential molecular chemosensors for ATP recognition in aqueous solution. Journal of the Chemical Society Perkin Transactions II, 1999, , 2545-2549.	0.9	93
2	Thermodynamics of Anion-π Interactions in Aqueous Solution. Journal of the American Chemical Society, 2013, 135, 102-105.	6.6	71
3	Ligand Adsorption on an Activated Carbon for the Removal of Chromate Ions from Aqueous Solutions. Langmuir, 2005, 21, 6908-6914.	1.6	43
4	Zn(II) complexes with thiopyrimidine derivatives: solution study, synthesis and crystal structure of a zig-zag chain zinc(II) complex with the ligand 4,6-dimethyl-2-thiopyrimidine. Inorganica Chimica Acta, 1994, 221, 177-181.	1.2	42
5	Binding and Removal of Sulfate, Phosphate, Arsenate, Tetrachloromercurate, and Chromate in Aqueous Solution by Means of an Activated Carbon Functionalized with a Pyrimidine-Based Anion Receptor (HL). Crystal Structures of $[H_3L(HgCl_4)] \cdot H_2O$ and $[H_3L(HgBr_4)] \cdot H_2O$ Showing Anion-π Interactions. Inorganic Chemistry, 2010, 49, 9321-9332.	1.9	38
6	Adsorption of Designed Pyrimidine Derivative Ligands on an Activated Carbon for the Removal of Cu(II) Ions from Aqueous Solution. Langmuir, 2007, 23, 5995-6003.	1.6	33
7	Adsorption of Zn ²⁺ and Cd ²⁺ from Aqueous Solution onto a Carbon Sorbent Containing a Pyrimidine-Polyamine Conjugate as Ion Receptor. European Journal of Inorganic Chemistry, 2005, 2005, 3093-3103.	1.0	29
8	SPECTROSCOPIC STUDIES OF METAL-PYRIMIDINE COMPLEXES. CRYSTAL STRUCTURES OF 4,6-DIMETHYL-2-THIOPYRIMIDINE COMPLEXES WITH Zn(II) AND Cd(II). Journal of Coordination Chemistry, 1993, 30, 111-123.	0.8	28
9	Thermodynamic and fluorescence emission studies on chemosensors containing anthracene fluorophores. Crystal structure of $\{[CuLCl]Cl\} \cdot 2H_2O$ [$L = N-(3\text{-aminopropyl})-N'$ -3-(anthracen-9-ylmethyl)aminopropylethane-1,2-diamine]. Journal of the Chemical Society Dalton Transactions, 1999, , 915-922.	1.1	28
10	Carbon Tetrachloride Cold Plasma for Extensive Chlorination of Carbon Nanotubes. Journal of Physical Chemistry C, 2013, 117, 16677-16685.	1.5	27
11	Construction of green nanostructured heterogeneous catalysts via non-covalent surface decoration of multi-walled carbon nanotubes with Pd(II) complexes of azamacrocycles. Journal of Catalysis, 2017, 353, 239-249.	3.1	27
12	Binding and removal of octahedral, tetrahedral, square planar and linear anions in water by means of activated carbon functionalized with a pyrimidine-based anion receptor. RSC Advances, 2014, 4, 58505-58513.	1.7	26
13	Effect of the surface chemical groups of activated carbons on their surface adsorptivity to aromatic adsorbates based on π-π interactions. Materials Chemistry and Physics, 2014, 143, 1489-1499.	2.0	25
14	N-(6-Amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl) derivatives of glycine, valine, serine, threonine and methionine: interplay of molecular, molecular ^π electronic and supramolecular structures. Acta Crystallographica Section B: Structural Science, 2000, 56, 882-892.	1.8	22
15	Molecular recognition of ADP over ATP in aqueous solution by a polyammonium receptor containing a pyrimidine residue. Chemical Communications, 2011, 47, 2814.	2.2	22
16	Study of the adsorption capacity to Co ²⁺ , Ni ²⁺ and Cu ²⁺ ions of an active carbon/functionalized polyamine hybrid material. Polyhedron, 2009, 28, 3781-3787.	1.0	21
17	Binding and recognition of AMP, ADP, ATP and related inorganic phosphate anions by a tren-based ligand containing a pyrimidine functionality. New Journal of Chemistry, 2011, 35, 1883.	1.4	21
18	Solution ^π solid-state study of the system Cu(II)/N-2-(4-amino-1,6-dihydro-1-methyl-5-nitroso-6-oxopyrimidinyl)glycine.. Polyhedron, 1999, 18, 1635-1640.	1.0	20

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19	Polyfunctional Tetraaza-Macrocyclic Ligands: Zn(II), Cu(II) Binding and Formation of Hybrid Materials with Multiwalled Carbon Nanotubes. <i>ACS Omega</i> , 2017, 2, 3868-3877.	1.6	20
20	A New Heterogeneous Catalyst Obtained via Supramolecular Decoration of Graphene with a Pd ²⁺ -Azamacrocyclic Complex. <i>Molecules</i> , 2019, 24, 2714.	1.7	19
21	Hydrated metal(II) complexes of N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl) derivatives of glycine, glycyglycine, threonine, serine, valine and methionine: a monomeric complex and coordination polymers in one, two and three dimensions linked by hydrogen bonding. <i>Acta Crystallographica Section B: Structural Science</i> , 2004, 60, 46-64.	1.8	17
22	Non-covalent Functionalization of Graphene to Tune Its Band Gap and Stabilize Metal Nanoparticles on Its Surface. <i>ACS Omega</i> , 2020, 5, 18849-18861.	1.6	17
23	Solution and solid study of Zn(II) and Cd(II) complexes with N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxo-pyrimidin-2-yl)glycine as ligand. Crystal structures of [ZnL ₂ (H ₂ O) ₄]·6H ₂ O and {[Cd(L ^{1/4} -L)Cl(H ₂ O) ₂]·H ₂ O}. <i>Inorganica Chimica Acta</i> , 2000, 304, 137-143.	1.2	16
24	Solution study and 2-D layered structures of zinc(II) and cadmium(II) complexes with N-2-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidinyl)-l-methionine as ligand. <i>Inorganica Chimica Acta</i> , 2000, 308, 59-64.	1.2	16
25	Protonation and Zn(II) complexation with versatile valine and glycyglycine N-pyrimidines derivatives: crystal structures of layered {[Zn(HL ¹) ₂]·2H ₂ O} _n and [Zn(HL ²) ₂ (H ₂ O) ₄]. <i>Inorganica Chimica Acta</i> , 2004, 357, 2007-2014.	1.2	15
26	Adsorption of Metal Ions on an Activated Carbon/L-Lysine Derivative Hybrid Compound. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1095-1106.	1.0	15
27	Grafting the surface of carbon nanotubes and carbon black with the chemical properties of hyperbranched polyamines. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 541-553.	2.8	15
28	Bifunctional pyrimidine-amino-acid ligands: solution study and crystal structure of a Mn(II) chain alternating six- and sevenfold coordination environments. <i>Inorganica Chimica Acta</i> , 2003, 355, 41-48.	1.2	13
29	Supramolecular assembling of molecular ion-ligands on graphite-based solid materials directed to specific binding of metal ions. <i>Inorganica Chimica Acta</i> , 2014, 417, 208-221.	1.2	13
30	Degree of functionalization and stability of fluorine groups fixed to carbon nanotubes and graphite nanoplates by CF ₄ microwave plasma. <i>Applied Surface Science</i> , 2015, 357, 1410-1418.	3.1	13
31	Preparation and characterization of trihydroxamic acid functionalized carbon materials for the removal of Cu(II) ions from aqueous solution. <i>Applied Surface Science</i> , 2016, 387, 128-138.	3.1	12
32	Title is missing!. <i>Transition Metal Chemistry</i> , 1998, 23, 501-505.	0.7	10
33	Coordination modes of N-2-(4-amino-1-methyl-5-nitroso-6-oxo-1,6-dihydropyrimidinyl) potassium		

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37	4-Amino-6-methoxy-2-methylthiopyrimidine and Hg (II) system: solution and solid state studies on metalated and N-coordinated species Crystal structure of [Hg ₂ (HL) ₂ ($\frac{1}{4}$ -Cl) ₂ Cl ₂]. <i>Inorganica Chimica Acta</i> , 1996, 247, 203-207.	1.2	9
38	Adsorption of a designed l-glutamic acid-pyrimidine derivative ligand on an activated carbon for the removal of Cu(II) from aqueous solution. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 445-451.	2.2	9
39	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 581-587.	0.7	8
40	Transferring the properties of molecular receptors to the carbon surface in hybrid materials: The crucial role of porous texture. <i>Materials Chemistry and Physics</i> , 2012, 134, 608-615.	2.0	8
41	New hybrid materials based on the grafting of Pd(II)-amino complexes on the graphitic surface of AC: preparation, structures and catalytic properties. <i>RSC Advances</i> , 2016, 6, 58247-58259.	1.7	8
42	Synthesis, spectroscopic study and crystal structure of bis (4,6-dimethyl-2-thiopyrimidinium) tetrachlorozincatum(II) monohydrate and its solid state transformations. <i>Inorganica Chimica Acta</i> , 1995, 236, 197-201.	1.2	6
43	Synthesis and characterization of Zn(II), Cd(II) and Hg(II) complexes with imidazole derivatives. Crystal structure of dichloro-bis(5-amino-4-carboethoxy-1-p-methoxyphenyl-imidazole)zinc(II). <i>Inorganica Chimica Acta</i> , 1997, 258, 33-38.	1.2	6
44	Synthesis and structural characterization of Zn (II), Ag (I) and Pd (II) complexes with 2,4-diamino-5-nitroso-6-oxopyrimidine. Crystal and molecular structure of [ZnCl ₂ (L) (H ₂ O)] and [Ag (NO ₃) (L) ₂]. <i>Polyhedron</i> , 1999, 18, 689-693.	1.0	6
45	Hydrated metal complexes of N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)glycinate: interplay of molecular, molecularâ€‘electronic and supramolecular structures. <i>Acta Crystallographica Section B: Structural Science</i> , 2001, 57, 317-328.	1.8	6
46	Synthesis and Spectral Studies of Metal Complexes of 4-Xylosylamino-5-Nitroso-6-Oxopyrimidine Derivatives. <i>Journal of Coordination Chemistry</i> , 1992, 26, 83-93.	0.8	5
47	The thermal study of Zn(II), Cd(II), Hg(II), Pd(II), Pt(II) and Au(III) complexes of 4,6-dimethyl-2-thiopyrimidine. <i>Thermochimica Acta</i> , 1993, 230, 225-233.	1.2	5
48	Bis[N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)glycylglycinato]triaquacalcium: coordination polymer chains linked by hydrogen bonds. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 680-682.	0.4	3
49	The supramolecular structure of N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)glycylglycinate contains a unique Oâ€‘H...N(nitroso) hydrogen bond. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, 0942-0945.	0.2	3
50	Hexaaquazinc(II) bis[N-(4-amino-1-methyl-5-nitroso-6-oxo-1,6-dihydropyrimidin-2-yl)glycinate] dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 2049-2051.	0.4	2
51	[N-(6-Amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)glycylglycinato]aquapotassium, a three-dimensional coordination polymer. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 534-537.	0.4	2
52	Barium bis[6-amino-3-methyl-5-nitrosopyrimidine-2,4(1H,3H)-dionate] trihydrate: coordination polymer chains linked by hydrogen bonds. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, m255-m258.	0.4	2
53	Synthesis and characterization of metal complexes of the nucleoside 1,6-dihydro-4-glucopyranosylamino-2-methylthio-5-nitroso-6-oxo pyrimidine. <i>Transition Metal Chemistry</i> , 1996, 21, 149-153.	0.7	1
54	N-(6-Amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)methionine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 1727-1730.	0.4	1

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55	Bis[6-amino-3-methyl-5-nitrosopyrimidine-2,4(1H,3H)-dionato]diaquazinc(II) dihydrate, redetermined at 120 K: a three-dimensional hydrogen-bonded framework. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, m291-m293.	0.4	1
56	Experimental and Theoretical Study of the Interaction of N-2-(4-Amino-1,6-Dihydro-1-Methyl-5-Nitroso-6-Oxopyrimidinil) Tris-(2-Aminoethyl) Amine with Carbon Nanotube. <i>Revista Virtual De Quimica</i> , 2016, 8, 549-558.	0.1	1
57	6-Amino-4-methoxy-2-methylthiopyrimidine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 418-420.	0.4	0
58	6-Amino-3-methyl-5-nitrosopyrimidine-2,4(1H,3H)-dione forms a three-dimensional hydrogen-bonded framework structure. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o340-o342.	0.4	0
59	N-(6-Amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)leucine: a three-dimensional hydrogen-bonded framework structure. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o548-o550.	0.4	0