Maria Luz Godino-Salido

List of Publications by Year
in descending order

59	958	394286 19	501076 28
papers	citations	h-index	g-index

59	59	59	830
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-covalent Functionalization of Graphene to Tune Its Band Gap and Stabilize Metal Nanoparticles on Its Surface. ACS Omega, 2020, 5, 18849-18861.	1.6	17
2	A New Heterogeneous Catalyst Obtained via Supramolecular Decoration of Graphene with a Pd2+ Azamacrocyclic Complex. Molecules, 2019, 24, 2714.	1.7	19
3	Polyfunctional Tetraaza-Macrocyclic Ligands: Zn(II), Cu(II) Binding and Formation of Hybrid Materials with Multiwalled Carbon Nanotubes. ACS Omega, 2017, 2, 3868-3877.	1.6	20
4	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
5	Grafting the surface of carbon nanotubes and carbon black with the chemical properties of hyperbranched polyamines. Science and Technology of Advanced Materials, 2016, 17, 541-553.	2.8	15
6	New hybrid materials based on the grafting of Pd(<scp>ii</scp>)-amino complexes on the graphitic surface of AC: preparation, structures and catalytic properties. RSC Advances, 2016, 6, 58247-58259.	1.7	8
7	Preparation and characterization of trihydroxamic acid functionalized carbon materials for the removal of Cu(II) ions from aqueous solution. Applied Surface Science, 2016, 387, 128-138.	3.1	12
8	Experimental and Theoretical Study of the Interaction of N-2-(4-Amine-1.6-Dihydro-1-Methyl-5-Nitroso-6-Oxopirimidinil) Tris-(2-Aminoethyl) Amine with Carbon Nanotube. Revista Virtual De Quimica, 2016, 8, 549-558.	0.1	1
9	Degree of functionalization and stability of fluorine groups fixed to carbon nanotubes and graphite nanoplates by CF4 microwave plasma. Applied Surface Science, 2015, 357, 1410-1418.	3.1	13
10	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
11	Novel active carbon/crown ether derivative hybrid material for the selective removal of Cu(II) ions: The crucial role of the surface chemical functions. Chemical Engineering Science, 2014, 114, 94-104.	1.9	10
12	Supramolecular assembling of molecular ion-ligands on graphite-based solid materials directed to specific binding of metal ions. Inorganica Chimica Acta, 2014, 417, 208-221.	1.2	13
13	Effect of the surface chemical groups of activated carbons on their surface adsorptivity to aromatic adsorbates based on Ï€-Ï€ interactions. Materials Chemistry and Physics, 2014, 143, 1489-1499.	2.0	25
14	Carbon Tetrachloride Cold Plasma for Extensive Chlorination of Carbon Nanotubes. Journal of Physical Chemistry C, 2013, 117, 16677-16685.	1.5	27
15	Thermodynamics of Anionâˆ’Ï€ Interactions in Aqueous Solution. Journal of the American Chemical Society, 2013, 135, 102-105.	6.6	71
16	Transferring the properties of molecular receptors to the carbon surface in hybrid materials: The crucial role of porous texture. Materials Chemistry and Physics, 2012, 134, 608-615.	2.0	8
17	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
18	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

#	Article	IF	Citations
19	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 [H₃L(HgCl₄)]Â·H₂O and [H₃L(HgBr₄)]Â·H₂O Showing Anionâ^'Ï€ Interactions. Inorganic Chemistry, 2010, 49, 9321-9332.	1.9	38
20	Study of the adsorption capacity to Co2+, Ni2+ and Cu2+ ions of an active carbon/functionalized polyamine hybrid material. Polyhedron, 2009, 28, 3781-3787.	1.0	21
21	Adsorption of Metal Ions on an Activated Carbon/L-Lysine Derivative Hybrid Compound. European Journal of Inorganic Chemistry, 2008, 2008, 1095-1106.	1.0	15
22	Study of protonation and Zn(II), Cd(II), Cu(II) and Mn(II) complexation with a glutamic acid N-pyrimidine derivative: Crystal structure of a neutral Cd(II) complex of the bianionic ligand. Polyhedron, 2008, 27, 623-632.	1.0	10
23	Adsorption of a designed l-glutamic acid-pyrimidine derivative ligand on an activated carbon for the removal of Cu(II) from aqueous solution. Microporous and Mesoporous Materials, 2008, 116, 445-451.	2.2	9
24	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
25	Adsorption of Zn2+ and Cd2+ 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
26	N-(6-Amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)leucine: a three-dimensional hydrogen-bonded framework structure. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o548-o550.	0.4	0
27	Ligand Adsorption on an Activated Carbon for the Removal of Chromate Ions from Aqueous Solutions. Langmuir, 2005, 21, 6908-6914.	1.6	43
28	Hydrated metal(II) complexes of N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl) derivatives of glycine, glycylglycine, threonine, serine, valine and methionine: a monomeric complex and coordination polymers in one, two and three dimensions linked by hydrogen bonding. Acta Crystallographica Section B: Structural Science, 2004, 60, 46-64.	1.8	17
29	Protonation and Zn(II) complexation with versatile valine and glycylglycine N-pyrimidines derivatives: crystal structures of layered {[Zn(HL1)2]Â·2H2O}n and [Zn(HL2)2(H2O)4]. Inorganica Chimica Acta, 2004, 357, 2007-2014.	1.2	15
30	Bifunctional pyrimidine-amino-acid ligands: solution study and crystal structure of a Mn(II) chain alternating six- and sevenfold coordination environments. Inorganica Chimica Acta, 2003, 355, 41-48.	1.2	13
31	6-Amino-3-methyl-5-nitrosopyrimidine-2,4(1H,3H)-dione forms a three-dimensional hydrogen-bonded framework structure. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o340-o342.	0.4	0
32	Barium bis[6-amino-3-methyl-5-nitrosopyrimidine-2,4(1H,3H)-dionate] trihydrate: coordination polymer chains linked by hydrogen bonds. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, m255-m258.	0.4	2
33	Bis[6-amino-3-methyl-5-nitrosopyrimidine-2,4(1H,3H)-dionato]diaquazinc(II) dihydrate, redetermined at 120â€…K: a three-dimensional hydrogen-bonded framework. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, m291-m293.	0.4	1
34	The supramolecular structure ofN-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)glycylglycinate contains a unique Oâ€”H...N(nitroso) hydrogen bond. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o942-o945.	0.2	3
35	[N-(6-Amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)glycylglycinato]aquapotassium, a three-dimensional coordination polymer. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 534-537.	0.4	2
36	Bis[N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)glycylglycinato]triaquacalcium: coordination polymer chains linked by hydrogen bonds. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 680-682.	0.4	3

#	Article	IF	Citations
37	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. Acta Crystallographica Section B: Structural Science, 2001, 57, 317-328.	1.8	6
38	Title is missing!. Transition Metal Chemistry, 2001, 26, 581-587.	0.7	8
39	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 [ZnL2(H2O)4]Â·6H2O and {[Cd(Î¼-L)Cl(H2O)2]Â·H2O}. Inorganica Chimica Acta, 2000, 304, 137-143.	1.2	16
40	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. Inorganica Chimica Acta, 2000, 308, 59-64.	1.2	16
41	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, molecularâ€“electronic and supramolecular structures. Acta Crystallographica Section B: Structural Science, 2000, 56, 882-892.	1.8	22
42	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 [ZnCl2 (L) (H2O)] and [Ag (NO3) (L)2]. Polyhedron, 1999, 18, 689-693.	1.0	6
43	Coordination modes of N-2-(4-amino-1-methyl-5-nitroso-6-oxo-1,6-dihydropyrimidinyl) potassium		

#	Article	IF	Citations
55	Synthesis, spectroscopic study and crystal structure of bis (4,6-dimethyl-2-thiopyrimidinium) tetrachlorozincatum(II) monohydrate and its solid state transformations. Inorganica Chimica Acta, 1995, 236, 197-201.	1.2	6
56	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
57	The thermal study of Zn(II), Cd(II), Hg(II), Pd(II), Pt(II) and Au(III) complexes of 4,6-dimethyl-2-thiopyrimidine. Thermochimica Acta, 1993, 230, 225-233.	1.2	5
58	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
59	Synthesis and Spectral Studies of Metal Complexes of 4-Xylosylamino-5-Nitroso-6-Oxopyrimidine Derivatives. Journal of Coordination Chemistry, 1992, 26, 83-93.	0.8	5