

Gianluca Ambrosi

List of Publications by Year in descending order

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1319
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#	ARTICLE	IF	CITATIONS
1	Phosphates Sensing: Two Polyamino-Phenolic Zinc Receptors Able to Discriminate and Signal Phosphates in Water. <i>Inorganic Chemistry</i> , 2009, 48, 5901-5912.	1.9	87
2	Polynuclear metal complexes of ligands containing phenolic units. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1121-1152.	9.5	85
3	A New Macrocyclic Cryptand with Squaramide Moieties: An Overstructured Cull Complex That Selectively Binds Halides: Synthesis, Acid/Base- and Ligational Behavior, and Crystal Structures. <i>Chemistry - A European Journal</i> , 2007, 13, 702-712.	1.7	61
4	DNA binding and antiproliferative activity toward human carcinoma cells of copper(ii) and zinc(ii) complexes of a 2,5-diphenyl[1,3,4]oxadiazole derivative. <i>Dalton Transactions</i> , 2012, 41, 4389.	1.6	51
5	A Macrocyclic Ligand as Receptor and Zn ^{II} Complex Receptor for Anions in Water: Binding Properties and Crystal Structures. <i>Chemistry - A European Journal</i> , 2011, 17, 1670-1682.	1.7	50
6	Efficient Fluorescent Sensors Based on 2,5-Diphenyl[1,3,4]oxadiazole: A Case of Specific Response to Zn(II) at Physiological pH. <i>Inorganic Chemistry</i> , 2010, 49, 9940-9948.	1.9	46
7	A new versatile solvatochromic amino-macrocycle. From metal ions to cell sensing in solution and in the solid state. <i>Chemical Communications</i> , 2009, , 7039.	2.2	41
8	Oxidized Ultrashort Nanotubes as Carbon Scaffolds for the Construction of Cell-Penetrating NF- κ B Decoy Molecules. <i>ACS Nano</i> , 2010, 4, 2791-2803.	7.3	38
9	Modulating the Sensor Response to Halide Using NBD-Based Azamacrocycles. <i>Inorganic Chemistry</i> , 2014, 53, 4560-4569.	1.9	36
10	Multi-Use NBD-Based Tetra-Amino Macrocycle: Fluorescent Probe for Metals and Anions and Live Cell Marker. <i>Chemistry - A European Journal</i> , 2012, 18, 4274-4284.	1.7	33
11	Chemical sensors for rare earth metal ions. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213639.	9.5	33
12	Synthesis of a Large Amino-Phenolic Cage. Synthesis, Crystal Structures, and Acid-Base and Coordination Behavior toward Cations and Anions. <i>Inorganic Chemistry</i> , 2006, 45, 304-314.	1.9	31
13	PluS Nanoparticles as a tool to control the metal complex stoichiometry of a new thio-aza macrocyclic chemosensor for Ag(I) and Hg(II) in water. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 1035-1044.	4.0	27
14	New coumarin-urea based receptor for anions: a selective off-on fluorescence response to fluoride. <i>Tetrahedron</i> , 2012, 68, 3768-3775.	1.0	26
15	Development of long circulating magnetic particle imaging tracers: use of novel magnetic nanoparticles and entrapment into human erythrocytes. <i>Nanomedicine</i> , 2020, 15, 739-753.	1.7	26
16	Molecular Switch Triggered by Solvent Polarity: Synthesis, Acid-Base Behavior, Alkali Metal Ion Complexation, and Crystal Structure. <i>Chemistry - A European Journal</i> , 2003, 9, 800-810.	1.7	25
17	Modulating the M-M Distance in Dinuclear Complexes. New Ligand with a 2,2'-Biphenol Fragment as Key Unit: Synthesis, Coordination Behavior, and Crystal Structures of Cu(II) and Zn(II) Dinuclear Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 309-320.	1.9	25
18	Synthesis, Basicity, Structural Characterization, and Biochemical Properties of Two [(3-Hydroxy-4-pyron-2-yl)methyl]amine Derivatives Showing Antineoplastic Features.. <i>Journal of Organic Chemistry</i> , 2012, 77, 2207-2218.	1.7	24

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19	Coordination Behavior toward Copper(II) and Zinc(II) Ions of Three Ligands Joining 3-Hydroxy-2-pyridinone and Polyaza Fragments. <i>Inorganic Chemistry</i> , 2005, 44, 3249-3260.	1.9	21
20	Polynuclear Complexes: Two Amino-Phenol Macrocycles Spaced by Several Linear Polyamines; Synthesis, Binding Properties, and Crystal Structure. <i>Inorganic Chemistry</i> , 2009, 48, 10424-10434.	1.9	21
21	Two polyaminophenolic fluorescent chemosensors for H ⁺ and Zn ²⁺ . Spectroscopic behaviour of free ligands and of their dinuclear Zn ²⁺ complexes. <i>New Journal of Chemistry</i> , 2009, 33, 171-180.	1.4	19
22	New family of polyamine macrocycles containing 2,5-diphenyl[1,3,4]oxadiazole as a signaling unit. Synthesis, acid-base and spectrophotometric properties. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1471.	1.5	19
23	A Biphenol-Based Chemosensor for Zn ²⁺ and Cd ²⁺ Metal Ions: Synthesis, Potentiometric Studies, and Crystal Structures. <i>Inorganic Chemistry</i> , 2016, 55, 7676-7687.	1.9	19
24	Synthesis and coordination properties of new macrocyclic ligands: equilibrium studies and crystal structures. <i>Dalton Transactions</i> , 2004, , 3468.	1.6	17
25	A Preorganized Metalloceptor for Alkaline Earth Ions Showing Calcium Versus Magnesium Selectivity in Water: Biological Activity of Selected Metal Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 11048-11057.	1.7	16
26	Cd ²⁺ /Zn ²⁺ discrimination using 2,5-diphenyl[1,3,4]oxadiazole based fluorescent chemosensors. <i>New Journal of Chemistry</i> , 2018, 42, 7869-7883.	1.4	16
27	Pd II and Pt II complexes with a thio-aza macrocycle ligand containing an intercalating fragment: Structural and antitumor activity studies. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 154-161.	1.5	14
28	Macrocyclic ligands bearing two 3-(Hydroxy)-2-pyridinone moieties as side-arms. Conformational studies, synthesis, crystal structure, and alkali and alkaline earth complex formation. <i>New Journal of Chemistry</i> , 2004, 28, 1359.	1.4	13
29	Heavy metal ion complexes with a simple phenolic ligand. Solid state and solution studies. <i>Inorganica Chimica Acta</i> , 2003, 356, 203-209.	1.2	12
30	A New Branched Phenanthroline Derivative Ligand: Synthesis, Solution Chemistry, and Crystal Structures of Copper(II) and Zinc(II) Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 4737-4748.	1.9	12
31	Synthesis of new compartmental amino-phenolic ligands. Basicity, coordination properties towards Cu(II) and Zn(II) ions. A fluorescent chemosensor for H ⁺ and Zn(II). <i>Inorganica Chimica Acta</i> , 2009, 362, 2667-2677.	1.2	12
32	Synthesis, acid-base and coordination properties towards Cu(II), Zn(II), and Cd(II) ions of two new polyamino-phenolic ligands, including the crystal structure of a fully protonated ligand. <i>Polyhedron</i> , 2003, 22, 1135-1146.	1.0	11
33	N ₂ S ₂ pyridinophane-based fluorescent chemosensors for selective optical detection of Cd ²⁺ in soils. <i>New Journal of Chemistry</i> , 2020, 44, 20834-20852.	1.4	10
34	Elaborated study of Cu(II) carbosilane metallodendrimers bearing substituted iminopyridine moieties as antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113292.	2.6	10
35	A family of polyamino phenolic macrocyclic ligands. Acid-base and coordination properties towards Co(II), Ni(II), Cu(II), Zn(II), Cd(II) and Pb(II) ions. <i>Inorganica Chimica Acta</i> , 2009, 362, 3709-3714.	1.2	9
36	Zn ²⁺ detection and biological activity of a macrocycle containing a bis(oxadiazole)pyridine derivative as fluorophore. <i>Dalton Transactions</i> , 2020, 49, 7496-7506.	1.6	9

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37	A macrocyclic ligand able to bind gallium(III) by preorganized pendant arms; coordination and kinetic studies. Dalton Transactions, 2005, , 485.	1.6	8
38	Crystal Structure and Chemical Properties of Ni(II)–Zn(II) Hetero-Dinuclear Complex. Journal of Supramolecular Chemistry, 2002, 2, 301-303.	0.4	7
39	Playing with Structural Parameters: Synthesis and Characterization of Two New Maltol-Based Ligands with Binding and Antineoplastic Properties. Molecules, 2020, 25, 943.	1.7	7
40	Zn ²⁺ and Cu ²⁺ complexes of a fluorescent scorpion-type oxadiazole azamacrocyclic ligand: crystal structures, solution studies and optical properties. Dalton Transactions, 2020, 49, 1897-1906.	1.6	7
41	Fluorescent macrocyclic chemosensor for Zn(II) detection at alkaline pH values. Supramolecular Chemistry, 2020, 32, 139-149.	1.5	6
42	Bis-maltol-polyamine family: structural modifications at strategic positions. Synthesis, coordination and antineoplastic activity of two new ligands. New Journal of Chemistry, 2021, 45, 2659-2669.	1.4	3
43	Structural insights into a versatile macrocyclic family based on 2,5-diphenyl[1,3,4]oxadiazole: a combined X-ray diffraction and computational study. Supramolecular Chemistry, 2017, 29, 896-911.	1.5	3
44	Selective Detection of Mg ²⁺ for Sensing Applications in Drinking Water. Chemistry - A European Journal, 2022, 28, .	1.7	3
45	A Metal-Based Receptor for Selective Coordination and Fluorescent Sensing of Chloride. Molecules, 2021, 26, 2352.	1.7	2
46	Synthesis and biological characterization of a new fluorescent probe for vesicular trafficking based on polyazamacrocyclic derivative. Biological Chemistry, 2021, 402, 1225-1237.	1.2	2