Gianluca Ambrosi

List of Publications by Year
in descending order

46 papers	1,053 citations	361045 20 h-index	433756 31 g-index
46 all docs	46 docs citations	46 times ranked	1319 citing authors

#	Article	IF	Citations
1	Selective Detection of Mg²⁺ for Sensing Applications in Drinking Water. Chemistry - A European Journal, 2022, 28, .	1.7	3
2	Chemical sensors for rare earth metal ions. Coordination Chemistry Reviews, 2021, 429, 213639.	9.5	33
3	A Metal-Based Receptor for Selective Coordination and Fluorescent Sensing of Chloride. Molecules, 2021, 26, 2352.	1.7	2
4	Elaborated study of Cu(II) carbosilane metallodendrimers bearing substituted iminopyridine moieties as antitumor agents. European Journal of Medicinal Chemistry, 2021, 215, 113292.	2.6	10
5	Synthesis and biological characterization of a new fluorescent probe for vesicular trafficking based on polyazamacrocycle derivative. Biological Chemistry, 2021, 402, 1225-1237.	1.2	2
6	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
7	N₂S₂ pyridinophane-based fluorescent chemosensors for selective optical detection of Cd²⁺ in soils. New Journal of Chemistry, 2020, 44, 20834-20852.	1.4	10
8	Zn(<scp>ii</scp>) detection and biological activity of a macrocycle containing a bis(oxadiazole)pyridine derivative as fluorophore. Dalton Transactions, 2020, 49, 7496-7506.	1.6	9
9	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
10	Fluorescent macrocyclic chemosensor for Zn(II) detection at alkaline pH values. Supramolecular Chemistry, 2020, 32, 139-149.	1.5	6
11	Zn²⁺ and Cu²⁺ complexes of a fluorescent scorpiand-type oxadiazole azamacrocyclic ligand: crystal structures, solution studies and optical properties. Dalton Transactions, 2020, 49, 1897-1906.	1.6	7
12	Development of long circulating magnetic particle imaging tracers: use of novel magnetic nanoparticles and entrapment into human erythrocytes. Nanomedicine, 2020, 15, 739-753.	1.7	26
13	CdII/ZnIIdiscrimination using 2,5-diphenyl[1,3,4]oxadiazole based fluorescent chemosensors. New Journal of Chemistry, 2018, 42, 7869-7883.	1.4	16
14	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
15	Pd II and Pt II complexes with a thio-aza macrocycle ligand containing an intercalating fragment: Structural and antitumor activity studies. Journal of Inorganic Biochemistry, 2016, 162, 154-161.	1.5	14
16	A Biphenol-Based Chemosensor for Zn^{II} and Cd^{II} Metal Ions: Synthesis, Potentiometric Studies, and Crystal Structures. Inorganic Chemistry, 2016, 55, 7676-7687.	1.9	19
17	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. Sensors and Actuators B: Chemical, 2015, 207, 1035-1044.	4.0	27
18	A Preorganized Metalloreceptor for Alkaline Earth Ions Showing Calcium Versus Magnesium Selectivity in Water: Biological Activity of Selected Metal Complexes. Chemistry - A European Journal, 2014, 20, 11048-11057.	1.7	16

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19	Modulating the Sensor Response to Halide Using NBD-Based Azamacrocycles. Inorganic Chemistry, 2014, 53, 4560-4569.	1.9	36
20	Synthesis, Basicity, Structural Characterization, and Biochemical Properties of Two [(3-Hydroxy-4-pyron-2-yl)methyl]amine Derivatives Showing Antineoplastic Features.. Journal of Organic Chemistry, 2012, 77, 2207-2218.	1.7	24
21	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. Dalton Transactions, 2012, 41, 4389.	1.6	51
22	Multiâ€Use NBDâ€Based Tetraâ€amino Macrocycle: Fluorescent Probe for Metals and Anions and Live Cell Marker. Chemistry - A European Journal, 2012, 18, 4274-4284.	1.7	33
23	New coumarin-urea based receptor for anions: a selective offâ€“on fluorescence response to fluoride. Tetrahedron, 2012, 68, 3768-3775.	1.0	26
24	A Macrocyclic Ligand as Receptor and Zn^{II}â€Complex Receptor for Anions in Water: Binding Properties and Crystal Structures. Chemistry - A European Journal, 2011, 17, 1670-1682.	1.7	50
25	Efficient Fluorescent Sensors Based on 2,5-Diphenyl[1,3,4]oxadiazole: A Case of Specific Response to Zn(II) at Physiological pH. Inorganic Chemistry, 2010, 49, 9940-9948.	1.9	46
26	Oxidized Ultrashort Nanotubes as Carbon Scaffolds for the Construction of Cell-Penetrating NF-ÎºB Decoy Molecules. ACS Nano, 2010, 4, 2791-2803.	7.3	38
27	New family of polyamine macrocycles containing 2,5-diphenyl[1,3,4]oxadiazole as a signaling unit. Synthesis, acidâ€“base and spectrophotometric properties. Organic and Biomolecular Chemistry, 2010, 8, 1471.	1.5	19
28	A family of polyamino phenolic macrocyclic ligands. Acidâ€“base and coordination properties towards Co(II), Ni(II), Cu(II), Zn(II), Cd(II) and Pb(II) ions. Inorganica Chimica Acta, 2009, 362, 3709-3714.	1.2	9
29	Phosphates Sensing: Two Polyamino-Phenolic Zinc Receptors Able to Discriminate and Signal Phosphates in Water. Inorganic Chemistry, 2009, 48, 5901-5912.	1.9	87
30	Polynuclear Complexes: Two Aminoâ€'Phenol Macrocycles Spaced by Several Linear Polyamines; Synthesis, Binding Properties, and Crystal Structure. Inorganic Chemistry, 2009, 48, 10424-10434.	1.9	21
31	Two polyaminophenolic fluorescent chemosensors for H⁺and Zn(<scp>II</scp>). Spectroscopic behaviour of free ligands and of their dinuclear Zn(<scp>II</scp>) complexes. New Journal of Chemistry, 2009, 33, 171-180.	1.4	19
32	A new versatile solvatochromic amino-macrocycle. From metal ions to cell sensing in solution and in the solid state. Chemical Communications, 2009, , 7039.	2.2	41
33	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). Inorganica Chimica Acta, 2009, 362, 2667-2677.	1.2	12
34	Polynuclear metal complexes of ligands containing phenolic units. Coordination Chemistry Reviews, 2008, 252, 1121-1152.	9.5	85
35	Modulating the Mâ€'M Distance in Dinuclear Complexes. New Ligand with a 2,2â€˜-Biphenol Fragment as Key Unit:Â Synthesis, Coordination Behavior, and Crystal Structures of Cu(II) and Zn(II) Dinuclear Complexes. Inorganic Chemistry, 2007, 46, 309-320.	1.9	25
36	A New Branched Phenanthroline Derivative Ligand:Â Synthesis, Solution Chemistry, and Crystal Structures of Copper(II) and Zinc(II) Complexes. Inorganic Chemistry, 2007, 46, 4737-4748.	1.9	12

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37	A New Macrocyclic Cryptand with Squaramide Moieties: An Overstructured CuII Complex That Selectively Binds Halides: Synthesis, Acid/Base- and Ligational Behavior, and Crystal Structures. Chemistry - A European Journal, 2007, 13, 702-712.	1.7	61
38	Synthesis of a Large Amino-Phenolic Cage. Synthesis, Crystal Structures, and Acidâ^'Base and Coordination Behavior toward Cations and Anions. Inorganic Chemistry, 2006, 45, 304-314.	1.9	31
39	Coordination Behavior toward Copper(II) and Zinc(II) Ions of Three Ligands Joining 3-Hydroxy-2-pyridinone and Polyaza Fragments. Inorganic Chemistry, 2005, 44, 3249-3260.	1.9	21
40	A macrocyclic ligand able to bind gallium(iii) by preorganized pendant arms; coordination and kinetic studies. Dalton Transactions, 2005, , 485.	1.6	8
41	Synthesis and coordination properties of new macrocyclic ligands: equilibrium studies and crystal structures. Dalton Transactions, 2004, , 3468.	1.6	17
42	Macrocyclic ligands bearing two 3-(Hydroxy)-2-pyridinone moieties as side-arms. Conformational studies, synthesis, crystal structure, and alkali and alkaline earth complex formation. New Journal of Chemistry, 2004, 28, 1359.	1.4	13
43	Molecular Switch Triggered by Solvent Polarity: Synthesis, Acidâ€“Base Behavior, Alkali Metal Ion Complexation, and Crystal Structure. Chemistry - A European Journal, 2003, 9, 800-810.	1.7	25
44	Heavy metal ion complexes with a simple phenolic ligand. Solid state and solution studies. Inorganica Chimica Acta, 2003, 356, 203-209.	1.2	12
45	Synthesis, acidâ€“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. Polyhedron, 2003, 22, 1135-1146.	1.0	11
46	Crystal Structure and Chemical Properties of Ni(II)â€“Zn(II) Hetero-Dinuclear Complex. Journal of Supramolecular Chemistry, 2002, 2, 301-303.	0.4	7