

# Eleonora Macedi

## List of Publications by Year in descending order

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42  
papers

755  
citations

471061

17  
h-index

552369

26  
g-index

42  
all docs

42  
docs citations

42  
times ranked

835  
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Benzoxazole-Based Fluorescent Macrocyclic Chemosensor for Optical Detection of Zn <sup>2+</sup> and Cd <sup>2+</sup> . <i>Chemosensors</i> , 2022, 10, 188.	1.8	13
2	Selective Detection of Mg <sup>2+</sup> for Sensing Applications in Drinking Water. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	3
3	Solid-State Conformational Flexibility at Work: Energetic Landscape of a Single Crystal-to-Single Crystal Transformation in a Cyclic Hexapeptoid. <i>Crystal Growth and Design</i> , 2021, 21, 897-907.	1.4	13
4	Bis-maltol-polyamine family: structural modifications at strategic positions. Synthesis, coordination and antineoplastic activity of two new ligands. <i>New Journal of Chemistry</i> , 2021, 45, 2659-2669.	1.4	3
5	A selective fluorescent probe for gadolinium(III) in water based on a Pd-preorganized chromone-receptor. <i>Dalton Transactions</i> , 2021, 50, 15433-15440.	1.6	3
6	N <sub>2</sub> S <sub>2</sub> pyridinophane-based fluorescent chemosensors for selective optical detection of Cd <sup>2+</sup> in soils. <i>New Journal of Chemistry</i> , 2020, 44, 20834-20852.	1.4	10
7	Hetero-tetranuclear Cu <sup>2+</sup> /Ca <sup>2+</sup> /Ca <sup>2+</sup> /Cu <sup>2+</sup> Architectures Based On Malten Ligand: Scaffold for Anion Binding. <i>ChemPlusChem</i> , 2020, 85, 1179-1189.	1.3	2
8	Propyne Gas Adsorption in a Cyclic Hexapeptoid: A Combined In Situ XRPD and DFTB Study**. <i>Chemistry - A European Journal</i> , 2020, 26, 14320-14323.	1.7	6
9	Playing with Structural Parameters: Synthesis and Characterization of Two New Maltol-Based Ligands with Binding and Antineoplastic Properties. <i>Molecules</i> , 2020, 25, 943.	1.7	7
10	The design of TACN-based molecular systems for different supramolecular functions. <i>Coordination Chemistry Reviews</i> , 2020, 407, 213151.	9.5	16
11	Molecular recognition and solvatomorphism of a cyclic peptoid: formation of a stable 1D porous framework. <i>CrystEngComm</i> , 2017, 19, 4704-4708.	1.3	17
12	Structural insights into a versatile macrocyclic family based on 2,5-diphenyl[1,3,4]oxadiazole: a combined X-ray diffraction and computational study. <i>Supramolecular Chemistry</i> , 2017, 29, 896-911.	1.5	3
13	Synthesis, crystallization, X-ray structural characterization and solid-state assembly of a cyclic hexapeptoid with propargyl and methoxyethyl side chains. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 399-412.	0.5	9
14	Crystal structure of the Ba <sup>II</sup> -based Co <sup>II</sup> -containing one-dimensional coordination polymer poly[[aqua <sub>4</sub> -2,2'-[(4,10-dimethyl-1,4,7,10-tetraazacyclododecane-1,7-diyl)bis(methylidene))]bis(4-oxo-4H-pyridin-3-olato)]perchlorate]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1806-1811.	0.2	2
15	Crystal structure of bis{[2,2'-[(4,10-dimethyl-1,4,7,10-tetraazacyclododecane-1,7-diyl)bis(methylene))]bis(4-oxo-4H-pyran-3-olato)}dicobaltcalcium bis(perchlorate) 1.36-hydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1959-1965.	0.2	1
16	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
17	Solid-State Conformational Flexibility at Work: Zipping and Unzipping within a Cyclic Peptoid Single Crystal. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4679-4682.	7.2	32
18	Ring size effect on the solid state assembly of propargyl substituted hexa- and octacyclic peptoids. <i>CrystEngComm</i> , 2016, 18, 8838-8848.	1.3	15

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19	A Biphenol-Based Chemosensor for Zn <sup>II</sup> and Cd <sup>II</sup> Metal Ions: Synthesis, Potentiometric Studies, and Crystal Structures. <i>Inorganic Chemistry</i> , 2016, 55, 7676-7687.	1.9	19
20	Solid-State Conformational Flexibility at Work: Zipping and Unzipping within a Cyclic Peptoid Single Crystal. <i>Angewandte Chemie</i> , 2016, 128, 4757-4760.	1.6	6
21	Similar but Different: The Case of Metoprolol Tartrate and Succinate Salts. <i>Crystal Growth and Design</i> , 2016, 16, 789-799.	1.4	21
22	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
23	Solid-State Transition between Hydrated Racemic Compound and Anhydrous Conglomerate in Na-Ibuprofen: A Combined X-ray Diffraction, Solid-State NMR, Calorimetric, and Computational Study. <i>Crystal Growth and Design</i> , 2014, 14, 2441-2452.	1.4	27
24	Modulating the Sensor Response to Halide Using NBD-Based Azamacrocycles. <i>Inorganic Chemistry</i> , 2014, 53, 4560-4569.	1.9	36
25	Preorganizing binding side-arms on a cyclen scaffold: the choice of a suitable metal ion. <i>Dalton Transactions</i> , 2013, 42, 2902-2912.	1.6	12
26	Di-maltol-polyamine ligands to form heterotrimeric metal complexes: solid state, aqueous solution and magnetic characterization. <i>Dalton Transactions</i> , 2013, 42, 5848.	1.6	17
27	2,5-Bis[2-({bis[3-(dimethylazaniumyl)propyl]azaniumyl)methyl}phenyl]-1,3,4-oxadiazole hexakis(perchlorate) sesquihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3453-o3454.	0.2	0
28	N,N'-bis[(3-hydroxy-4(4H)-oxypyran-2-yl)methyl]-N,N'-dimethylethylene-1,2-diammonium tetrachloridoplatinate(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1323-m1324.	0.2	2
29	Synthesis, Basicity, Structural Characterization, and Biochemical Properties of Two [(3-Hydroxy-4-pyran-2-yl)methyl]amine Derivatives Showing Antineoplastic Features.. <i>Journal of Organic Chemistry</i> , 2012, 77, 2207-2218.	1.7	24
30	Multi-Use NBD-Based Tetraamino Macrocycle: Fluorescent Probe for Metals and Anions and Live Cell Marker. <i>Chemistry - A European Journal</i> , 2012, 18, 4274-4284.	1.7	33
31	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
32	A Macrocyclic Ligand as Receptor and Zn <sup>II</sup> -Complex Receptor for Anions in Water: Binding Properties and Crystal Structures. <i>Chemistry - A European Journal</i> , 2011, 17, 1670-1682.	1.7	50
33	Synthesis, binding and fluorescence studies of a new neutral H-bonding receptor for anions based on 3,5-bis(trifluoromethyl)phenylurea. <i>Supramolecular Chemistry</i> , 2010, 22, 365-379.	1.5	5
34	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
35	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
36	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

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37	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
38	Polynuclear Complexes: Two Amino-Phenol Macrocyces Spaced by Several Linear Polyamines; Synthesis, Binding Properties, and Crystal Structure. <i>Inorganic Chemistry</i> , 2009, 48, 10424-10434.	1.9	21
39	Two polyaminophenolic fluorescent chemosensors for H <sup>+</sup> and Zn(II). Spectroscopic behaviour of free ligands and of their dinuclear Zn(II) complexes. <i>New Journal of Chemistry</i> , 2009, 33, 171-180.	1.4	19
40	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
41	Synthesis of new compartmental amino-phenolic ligands. Basicity, coordination properties towards Cu(II) and Zn(II) ions. A fluorescent chemosensor for H <sup>+</sup> and Zn(II). <i>Inorganica Chimica Acta</i> , 2009, 362, 2667-2677.	1.2	12
42	New branched macrocyclic ligand and its side-arm, two urea-based receptors for anions: synthesis, binding studies and crystal structure. <i>New Journal of Chemistry</i> , 2008, 32, 1204.	1.4	38