

# Andrea Bencini

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	1,10-Phenanthroline: A versatile building block for the construction of ligands for various purposes. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2096-2180.	9.5	439
2	Proton coordination by polyamine compounds in aqueous solution. <i>Coordination Chemistry Reviews</i> , 1999, 188, 97-156.	9.5	246
3	Carboxy and Phosphate Esters Cleavage with Mono- and Dinuclear Zinc(II) Macrocyclic Complexes in Aqueous Solution. Crystal Structure of $[Zn_2L_1(1/4-PP)_2(MeOH)_2](ClO_4)_2(L_1 = [30]aneN_6O_4, PP = Diphenyl)$ <i>Tj ETQq1 1 0.7843 14 rg</i>	1.9	118
4	Thermodynamics of Phosphate and Pyrophosphate Anions Binding by Polyammonium Receptors. <i>Journal of the American Chemical Society</i> , 1999, 121, 6807-6815.	6.6	133
5	Carboxy and Diphosphate Ester Hydrolysis by a Dizinc Complex with a New Alcohol-Pendant Macrocycle. <i>Inorganic Chemistry</i> , 1999, 38, 4115-4122.	1.9	118
6	Use of Hydrophobic Ligands for the Stabilization of Low-Valent Transition Metal Complexes. 1. The Effect of N-Methylation of Linear Tetraazaalkane Ligands on the Properties of Their Copper Complexes. <i>Journal of the American Chemical Society</i> , 1995, 117, 8353-8361.	6.6	108
7	CO <sub>2</sub> Fixation by Novel Copper(II) and Zinc(II) Macrocyclic Complexes. A Solution and Solid State Study. <i>Inorganic Chemistry</i> , 1996, 35, 5540-5548.	1.9	100
8	Tailoring cyclic polyamines for inorganic/organic phosphate binding. <i>Chemical Society Reviews</i> , 2010, 39, 3709.	18.7	98
9	pH Modulation of the luminescence emission of a new europium cryptate complex. <i>Chemical Communications</i> , 2000, , 561-562.	2.2	85
10	Coordination properties of polyamine-macrocycles containing terpyridine units. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1052-1068.	9.5	82
11	Interaction of hexaazaalkanes with phosphate type anions. Thermodynamic, kinetic, and electrochemical considerations. <i>Inorganic Chemistry</i> , 1993, 32, 3418-3424.	1.9	78
12	Oxalato and squarato ligands in nickel(II) complexes of tetraazacycloalkanes. Solution and solid-state studies. Crystal and molecular structures of $(\mu\text{-oxalato})\text{bis}[(1,7\text{-dimethyl-}1,4,7,10\text{-tetraazacyclododecane})\text{nickel(II)}]$ perchlorate dihydrate and of $\text{bis}[\text{diaquo}(1,4,7,10\text{-tetraazacyclododecane})\text{nickel(II)}]$ squarate diperchlorate. <i>Inorganic Chemistry</i> , 1990, 29, 963-970.	1.9	74
13	Probing biologically and environmentally important metal ions with fluorescent chemosensors: Thermodynamic versus optical response selectivity in some study cases. <i>Coordination Chemistry Reviews</i> , 2012, 256, 149-169.	9.5	74
14	A BINOL-based chiral polyammonium receptor for highly enantioselective recognition and fluorescence sensing of (S,S)-tartaric acid in aqueous solution. <i>Chemical Communications</i> , 2012, 48, 10428.	2.2	73
15	An efficient synthesis of polyaza[n]paracyclophanes. <i>Journal of Organic Chemistry</i> , 1993, 58, 4749-4753.	1.7	72
16	Affinity and nuclease activity of macrocyclic polyamines and their Cu(I) complexes. <i>Chemistry - A European Journal</i> , 2000, 6, 4001-4008.	1.7	72
17	Synthesis and Coordination Properties of Quinoline Pendant Arm Derivatives of $[9]aneN_3$ and $[9]aneN_2S$ as Fluorescent Zinc Sensors. <i>Inorganic Chemistry</i> , 2009, 48, 9236-9249.	1.9	70
18	Potential ATPase mimics by polyammonium macrocycles: Criteria for catalytic activity. <i>Bioorganic Chemistry</i> , 1992, 20, 8-29.	2.0	69

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19	Anion coordination chemistry. 2. Electrochemical, thermodynamic, and structural studies on supercomplex formation between large polyammonium cycloalkanes and the two complex anions hexacyanoferrate(II) and hexacyanocobaltate(III). <i>Inorganic Chemistry</i> , 1987, 26, 3902-3907.	1.9	66
20	Effect of Protonation and Zn(II) Coordination on the Fluorescence Emission of a Phenanthroline-Containing Macrocycle. An Unusual Case of a Nonemissive Zn(II) Complex. <i>Inorganic Chemistry</i> , 1999, 38, 3806-3813.	1.9	66
21	Coordination Properties of New Bis(1,4,7-triazacyclononane) Ligands: A Highly Active Dizinc Complex in Phosphate Diester Hydrolysis. <i>Inorganic Chemistry</i> , 2003, 42, 6929-6939.	1.9	66
22	ATP Recognition and sensing with a phenanthroline-containing polyammonium receptor. <i>Chemical Communications</i> , 2006, , 4087.	2.2	65
23	Polyamine Macrocycles Incorporating a Phenanthroline Unit: Their Synthesis, Basicity, and Cu(II) Coordination. <i>Inorganic Chemistry</i> , 1998, 37, 941-948.	1.9	64
24	Proton and Cu(II) binding to tren-based tris-macrocycles. Affinity towards nucleic acids and nuclease activity. <i>Dalton Transactions</i> , 2003, , 793-800.	1.6	64
25	Polynuclear zinc(II) complexes with large polyazacycloalkanes. 2. Equilibrium studies and crystal structure of the binuclear complex $[Zn_2LCl_2](Cl)ClO_4 \cdot H_2O$ (L = 1,4,7,10,13,16,19,22,25,28-decaazacyclotriacontane). <i>Inorganic Chemistry</i> , 1989, 28, 347-351.	1.9	60
26	Thermodynamic study of the formation in aqueous solution of cadmium(II) complexes with polyazacycloalkanes. Synthesis and crystal structure of the dicadmium(II) complex $Na[Cd_2(L)Cl_2](ClO_4)_3$ (L = 1,4,7,10,13,16,19,22,25,28-decaazacyclotriacontane). <i>Inorganic Chemistry</i> , 1989, 28, 347-351.	1.9	60
27	Thermodynamic and structural aspects of transition metal compounds. Polynuclear complexes of aza-macrocycles. <i>Coordination Chemistry Reviews</i> , 1992, 120, 51-85.	9.5	59
28	Zn(II) Coordination to Polyamine Macrocycles Containing Dipyridine Units. New Insights into the Activity of Dinuclear Zn(II) Complexes in Phosphate Ester Hydrolysis. <i>Inorganic Chemistry</i> , 2004, 43, 6255-6265.	1.9	59
29	A remarkable shape selectivity in the molecular recognition of carboxylate anions in aqueous solution. <i>Journal of the American Chemical Society</i> , 1992, 114, 1919-1920.	6.6	55
30	Effect of Nitrogen Methylation on Cation and Anion Coordination by Hexa- and Heptaazamacrocycles. Catalytic Properties of These Ligands in ATP Dephosphorylation. <i>Inorganic Chemistry</i> , 1996, 35, 1114-1120.	1.9	55
31	Carboxy and Diphosphate Ester Hydrolysis Promoted by Dinuclear Zinc(II) Macrocylic Complexes. Role of Zn(II)-Bound Hydroxide as the Nucleophilic Function. <i>Inorganic Chemistry</i> , 1999, 38, 6323-6325.	1.9	55
32	Molecular Recognition of Long Dicarboxylate/Dicarboxylic Species via Supramolecular/Coordination Interactions with Ditopic Receptors. Crystal Structure of $\{[Cu_2L(H_2O)_2]Pimelate\}(ClO_4)_2$ . <i>Inorganic Chemistry</i> , 1999, 38, 620-621.	1.9	55
33	Protonation and Zn(II) Coordination by Dipyridine-Containing Macrocycles with Different Molecular Architecture. A Case of pH-Controlled Metal Jumping Outside/Inside the Macrocylic Cavity. <i>Inorganic Chemistry</i> , 2001, 40, 2968-2975.	1.9	55
34	Redox chemosensors: coordination chemistry towards Cu(I), Zn(II), Cd(II), Hg(II), and Pb(II) of 1-aza-4,10-dithia-7-oxacyclododecane ([12]aneNS2O) and its N-ferrocenylmethyl derivative. Electronic supplementary information (ESI) available: synthetic details including analytical and spectroscopic data for the isolated complexes. Ortep views of the coordination sphere around the metal centres in 1, 2 and 5. See <a href="http://www.rsc.org/suppdata/DT/B2/B210806M/">http://www.rsc.org/suppdata/DT/B2/B210806M/</a> . <i>Dalton Transactions</i> , 2003, , 901-909.	1.6	55
35	Anion Binding by Protonated Forms of the Tripodal Ligand Tren. <i>Inorganic Chemistry</i> , 2009, 48, 2391-2398.	1.9	54
36	Thermodynamics of sulfate anion binding by macrocylic polyammonium receptors. <i>Perkin Transactions II RSC</i> , 2001, , 1765-1770.	1.1	53

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37	Tuning the Selectivity/Specificity of Fluorescent Metal Ion Sensors Based on N2S2Pyridine-Containing Macrocyclic Ligands by Changing the Fluorogenic Subunit: A Spectrofluorimetric and Metal Ion Binding Studies. <i>Inorganic Chemistry</i> , 2007, 46, 4548-4559.	1.9	52
38	Tuning the Activity of Zn(II) Complexes in DNA Cleavage: Clues for Design of New Efficient Metallo-Hydrolases. <i>Inorganic Chemistry</i> , 2008, 47, 5473-5484.	1.9	52
39	Zn <sup>2+</sup> /Cd <sup>2+</sup> optical discrimination by fluorescent chemosensors based on 8-hydroxyquinoline derivatives and sulfur-containing macrocyclic units. <i>Dalton Transactions</i> , 2013, 42, 14516.	1.6	52
40	Synthesis and Ligational Properties of Two New Binucleating Oxa-Aza Macrocyclic Receptors. <i>Inorganic Chemistry</i> , 1995, 34, 5622-5631.	1.9	50
41	Design of Ligands That Stabilize Cu(I) and Shift the Reduction Potential of the Cu(I)/Cu(0) Couple Cathodically in Aqueous Solutions. <i>Inorganic Chemistry</i> , 1999, 38, 3484-3488.	1.9	50
42	Exploring the Binding Ability of Phenanthroline-Based Polyammonium Receptors for Anions: Hints for Design of Selective Chemosensors for Nucleotides. <i>Journal of Organic Chemistry</i> , 2009, 74, 7349-7363.	1.7	50
43	Synthesis and ligational properties of the two very large polyazacycloalkanes [33]aneN11 and [36]aneN12 forming trinuclear copper(II) complexes. <i>Inorganic Chemistry</i> , 1988, 27, 176-180.	1.9	49
44	Selective recognition of carboxylate anions by polyammonium receptors in aqueous solution. Criteria for selectivity in molecular recognition. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 569-577.	0.9	49
45	Therapeutic Effects of the Superoxide Dismutase Mimetic Compound Me <sub>2</sub> DO2A on Experimental Articular Pain in Rats. <i>Mediators of Inflammation</i> , 2013, 2013, 1-11.	1.4	49
46	Synthesis and complexing properties of the large polyazacycloalkane 1,4,7,10,13,16,19,22,25,28-decaazacyclotriacontane (L). Crystal structure of the monoprotonated dicopper(II) complex [Cu <sub>2</sub> (L)HCl <sub>2</sub> ](ClO <sub>4</sub> ) <sub>3</sub> ·4H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 1987, 26, 1243-1247.	1.9	48
47	A novel fluorescent chemosensor exhibiting exciplex emission. An example of an elementary molecular machine driven by pH and by light. <i>Chemical Communications</i> , 2000, , 1639-1640.	2.2	48
48	EPR spectra of and exchange interactions in trinuclear complexes. 3. Synthesis, crystal structure and magnetic properties of the oxovanadium(IV) adduct of a tetradentate Schiff base copper(II) complex. <i>Inorganic Chemistry</i> , 1985, 24, 695-699.	1.9	47
49	Synthesis and characterization of the new macrocyclic cage 5,12,17-trimethyl-1,5,9,12,17-pentaazabicyclo[7.5.5]nonadecane (L), which can selectively encapsulate lithium ion. Thermodynamic studies on protonation and complex formation. Crystal structures of the salt [HL][Cl]·3H <sub>2</sub> O and of the lithium complex [LiL][BPh <sub>4</sub> ]. <i>Inorganic Chemistry</i> , 1989, 28, 4279-4284.	1.9	47
50	Interaction of "long" open-chain polyazaalkanes with hydrogen and copper(II) ions. <i>Inorganic Chemistry</i> , 1991, 30, 1843-1849.	1.9	47
51	Lead complexation by novel phenanthroline-containing macrocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 393-400.	1.1	47
52	Methylene blue-containing liposomes as new photodynamic anti-bacterial agents. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2788-2797.	2.9	47
53	A fluorescent chemosensor for Zn(II). Exciplex formation in solution and the solid state. Electronic supplementary information (ESI) available: Theoretical basis for the temperature dependence of fluorescence. See <a href="http://www.rsc.org/suppdata/dt/b4/b403743j/">http://www.rsc.org/suppdata/dt/b4/b403743j/</a> . <i>Dalton Transactions</i> , 2004, , 2180.	1.6	46
54	A zinc(II)-based receptor for ATP binding and hydrolysis. <i>Chemical Communications</i> , 2005, , 2630.	2.2	46

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55	Thermodynamic and structural aspects of the interaction between macrocyclic polyammonium cations and complexed anions. <i>Inorganic Chemistry</i> , 1992, 31, 1902-1908.	1.9	45
56	A new pyridine-based 12-membered macrocycle functionalised with different fluorescent subunits; coordination chemistry towards CuII, ZnII, CdII, HgII, and PbII. <i>Dalton Transactions</i> , 2004, , 2771-2779.	1.6	45
57	Coordination chemistry of N-aminopropyl pendant arm derivatives of mixed N/S-, and N/S/O-donor macrocycles, and construction of selective fluorimetric chemosensors for heavy metal ions. <i>Dalton Transactions</i> , 2005, , 2994.	1.6	44
58	The effect of N-methylation of tetra-aza-alkane copper complexes on the axial binding of anions. <i>Inorganica Chimica Acta</i> , 1997, 255, 111-115.	1.2	43
59	Solution chemistry of macrocycles. 5. Synthesis and ligational behavior toward hydrogen and copper(II) ions of the large polyazacycloalkane 1,4,7,10,13,16,19,22,25-nonaazacycloheptacosane ([27]aneN9). <i>Inorganic Chemistry</i> , 1987, 26, 681-684.	1.9	42
60	Interaction of lead(II) with highly-dentate linear and cyclic polyamines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3507-3513.	1.1	42
61	A Novel Manganese Complex Effective as Superoxide Anion Scavenger and Therapeutic Agent against Cell and Tissue Oxidative Injury. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7273-7283.	2.9	41
62	Colorimetric response to anions by a $\alpha$ -robust $\alpha$ -copper(ii) complex of a [9]aneN3 pendant arm derivative: CN $\alpha^+$ and I $\alpha^+$ selective sensing. <i>Chemical Communications</i> , 2011, 47, 3805.	2.2	40
63	Polynuclear zinc (II) complexes with large polyazacycloalkanes. Equilibrium studies and crystal structure of the binuclear [Zn2([30]aneN10)(NCS)](ClO4)3 complex.. <i>Inorganic Chemistry</i> , 1988, 27, 1104-1107.	1.9	39
64	Co-ordination tendency of [3k]aneNk polyazacycloalkanes. Thermodynamic study of solution equilibria. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1171-1174.	1.1	39
65	Synthesis of Polyamine Macrocycles and Cryptands Incorporating Bipyridine and Phenanthroline Moieties. <i>Journal of Organic Chemistry</i> , 2000, 65, 7686-7689.	1.7	39
66	Highly Charged Ruthenium(II) Polypyridyl Complexes as Effective Photosensitizer in Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2019, 25, 10606-10615.	1.7	39
67	Macrocyclic Polyamines Containing Phenanthroline Moieties $\alpha$ Fluorescent Chemosensors for H $\alpha$ and Zn $\alpha$ Ions. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1911-1918.	1.0	38
68	Exploring the Binding Ability of Polyammonium Hosts for Anionic Substrates: Selective Size-Dependent Recognition of Different Phosphate Anions by Bis-macrocyclic Receptors. <i>Inorganic Chemistry</i> , 2011, 50, 7202-7216.	1.9	38
69	4,7,10,23-Tetramethyl-17-oxa-1,4,7,10,13,23-hexaazabicyclo[11.7.5]pentacosane (L), a Two-Binding-Site Ligand for the Assembly of the [Zn2( $\mu$ -OH)2]2 $\alpha$ Cluster. <i>Inorganic Chemistry</i> , 1995, 34, 3003-3010.	1.9	37
70	New Terpyridine-Containing Macrocycle for the Assembly of Dimeric Zn(II) and Cu(II) Complexes Coupled by Bridging Hydroxide Anions and $\pi$ -Stacking Interactions. <i>Inorganic Chemistry</i> , 2004, 43, 5134-5146.	1.9	36
71	Interaction of Mixed-Donor Macrocycles Containing the 1,10-Phenanthroline Subunit with Selected Transition and Post-Transition Metal Ions: Metal Ion Recognition in Competitive Liquid $\alpha$ Liquid Solvent Extraction of CuII, ZnII, PbII, CdII, AgI, and HgII. <i>Inorganic Chemistry</i> , 2008, 47, 8391-8404.	1.9	36
72	Nickel(II) complexes of [3k]aneNk polyazacycloalkanes (k = 7-12). Solution and solid-state studies. <i>Inorganic Chemistry</i> , 1989, 28, 3175-3181.	1.9	35

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73	Di- and tri-palladium(II) polyazacycloalkane complexes. A case of deprotonated secondary nitrogen in solution and in solid state. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1382-1384.	2.0	35
74	A Fluorescent Silver(I) Carbene Complex with Anticancer Properties: Synthesis, Characterization, and Biological Studies. <i>ChemMedChem</i> , 2018, 14, 182-188.	1.6	35
75	Probing Vibrational Symmetry Effects and Nuclear Spin Economy Principles in Molecular Spin Qubits. <i>Inorganic Chemistry</i> , 2021, 60, 140-151.	1.9	35
76	Basicity properties of two paracyclophane receptors. Their ability in ATP and ADP recognition in aqueous solution. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 775-782.	0.9	34
77	Fluoride binding by an anionic receptor: tuning the acidity of amide NH groups for basic anion hydrogen bonding and recognition. <i>Chemical Communications</i> , 2019, 55, 2745-2748.	2.2	34
78	Zn(II) Complex with a Phenanthroline-Containing Macrocycle as Receptor for Amino Acids and Dipeptides $\hat{\sim}$ Hydrolysis of an Activated Peptide Bond. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1974-1983.	1.0	33
79	Novel fluorimetric bulk optode membrane based on 5,8-bis((5-chloro-8-hydroxy-7-quinolinyl)methyl)-2,11-dithia-5,8-diaza-2,6-pyridinophane for selective detection of lead(II) ions. <i>Talanta</i> , 2010, 80, 2023-2033.	2.9	33
80	Selective binding and fluorescence sensing of diphosphate in $H_2O$ via $Zn^{2+}$ -induced allosteric regulation of the receptor structure. <i>Chemical Communications</i> , 2012, 48, 139-141.	2.2	33
81	Effect of the SOD mimetic MnL4 on in vitro and in vivo oxaliplatin toxicity: Possible aid in chemotherapy induced neuropathy. <i>Free Radical Biology and Medicine</i> , 2016, 93, 67-76.	1.3	33
82	Synthesis of New Tren-Based Tris-Macrocycles. Anion Cluster Assembling Inside the Cavity Generated by a Bowl-Shaped Receptor. <i>Journal of Organic Chemistry</i> , 2002, 67, 9107-9110.	1.7	32
83	Tren-Based Tris-macrocycles as Anion Hosts. Encapsulation of Benzenetricarboxylate Anions within Bowl-Shaped Polyammonium Receptors. <i>Journal of Organic Chemistry</i> , 2005, 70, 4257-4266.	1.7	32
84	Heptacoordination of manganese(II) by the polyazacycloalkane 1,4,7,10,13,16,19-heptaazacycloheptacosane, [21]aneN7. Crystal structure of the $[Mn([21]aneN7)](ClO_4)_2$ solid compound and thermodynamics of complexation in water solution. <i>Inorganic Chemistry</i> , 1990, 29, 1716-1718.	1.9	31
85	Thermodynamic, kinetic, and structural study of the ligational properties of the macrobicyclic aza-ligand 4,7,10,17,23-pentamethyl-1,4,7,10,13,17,23-heptaazabicyclo[11.7.5]pentacosane (L1) and of its macrocyclic precursor 1,4,7,13-tetramethyl-1,4,7,10,13,16-hexaazacyclooctadecane (L2). Crystal structure of $[Zn(L1)(H_2O)](BPh_4)_2$ . <i>Inorganic Chemistry</i> , 1993, 32, 2753-2760.	1.9	31
86	Basicity and coordination properties of a new phenanthroline-based bis-macrocyclic receptor. <i>Dalton Transactions</i> , 2006, , 4000.	1.6	31
87	Synthesis, crystal structure, magnetic properties, and solution study of the complex $\mu$ -oxalato-bis[aqua(1,4,7-triazacyclononane)nickel(II)] nitrate dihydrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2213-2217.	1.1	30
88	Lithium binder in aqueous solution. Synthesis and characterization of the new cage 4,10,15-trimethyl-1,4,7,10,15-pentaazabicyclo[5.5.5]heptadecane (L). Protonation and lithium complex formation. Crystal structures of $[HL][BPh_4]$ and $[LiL][BPh_4]$ . <i>Inorganic Chemistry</i> , 1991, 30, 3687-3691.	1.9	30
89	Polyfunctional Binding of Thymidine 5'-Triphosphate with a Synthetic Polyammonium Receptor Containing Aromatic Groups. Crystal Structure of the Nucleotide $\hat{\sim}$ Receptor Adduct. <i>Journal of the American Chemical Society</i> , 2008, 130, 2440-2441.	6.6	30
90	Protonation and coordination properties towards Zn(II), Cd(II) and Hg(II) of a phenanthroline-containing macrocycle with an ethylamino pendant arm. <i>Dalton Transactions</i> , 2004, , 591.	1.6	29

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91	Voltammetry of chromium(VI) at the liquid   liquid interface. <i>Electrochemistry Communications</i> , 2005, 7, 976-982.	2.3	29
92	Kinetic and equilibrium studies on the polyazamacrocycle neotetren: metal <sup>2+</sup> complex formation and DNA interaction. <i>Dalton Transactions</i> , 2006, , 1524-1533.	1.6	29
93	New Fluorescent Chemosensors for Heavy Metal Ions Based on Functionalized Pendant Arm Derivatives of 7-Anthracenylmethyl-1,4,10-trioxo-7,13-diazacyclopentadecane. <i>Inorganic Chemistry</i> , 2007, 46, 8088-8097.	1.9	29
94	Low Molecular Weight Compounds with Transition Metals as Free Radical Scavengers and Novel Therapeutic Agents. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2010, 8, 128-146.	0.4	29
95	Synthesis and Selectivity in Metal Ion Coordination of the New Ligands 1,4,7-Trimethyl-1,7-bis(4-carboxybenzyl)-1,4,7-triazaheptane (L) and 1,4,7,16,19,22-Hexamethyl-1,4,7,16,19,22-hexaaza[9.9]paracyclophane (L1). Crystal Structures of [PdLH <sub>2</sub> Cl]NO <sub>3</sub> .cndot.3H <sub>2</sub> O and [Cu <sub>2</sub> LCl <sub>2</sub> ](BPh <sub>4</sub> )(ClO <sub>4</sub> ).cndot.CH <sub>3</sub> CN. <i>Inorganic Chemistry</i> , 1995, 34, 552-559.	1.9	28
96	New Bis-Cresol-Bridged (1,4,7-Triazacyclononane) Ligand As Receptor for Metal Cations and Phosphate Anions. <i>Inorganic Chemistry</i> , 2008, 47, 6551-6563.	1.9	28
97	1,10-Dimethyl-1,4,7,10,13,16-hexaazacyclooctadecane L and 1,4,7-trimethyl-1,4,7,10,13,16,19-heptaazacyclohencicosane L1: two new macrocyclic receptors for ATP binding. Synthesis, solution equilibria and the crystal structure of (H4L)(ClO <sub>4</sub> ) <sub>4</sub> . <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 2367-2373.	0.9	27
98	DNA Binding by a New Metallointercalator that Contains a Proflavine Group Bearing a Hanging Chelating Unit. <i>Chemistry - A European Journal</i> , 2008, 14, 184-196.	1.7	27
99	Polyamine Receptors Containing Dipyridine or Phenanthroline Units: Clues for the Design of Fluorescent Chemosensors for Metal Ions. <i>Chemistry - A European Journal</i> , 2009, 15, 8049-8063.	1.7	27
100	Selective lithium encapsulation in aqueous solution by the new cage 4,10-dimethyl-1,4,7,10,15-pentaazabicyclo[5.5.5]heptadecane (L). Synthesis, characterization, and structural aspects. Crystal structures of [LiL](ClO <sub>4</sub> ) and [CuL]Br <sub>2</sub> .cndot.3H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 1990, 29, 3282-3286.	1.9	26
101	Affinity and Nuclease Activity of Macrocyclic Polyamines and Their CullComplexes. <i>Chemistry - A European Journal</i> , 2000, 6, 4001-4008.	1.7	26
102	Exploring the Photocatalytic Properties and the Long-Lifetime Chemosensor Ability of Cl <sub>2</sub> [Ru(Bpy) <sub>2</sub> L]	1.9	26
103	Proton inclusion properties of a new azamacrocycle. Synthesis, characterization and crystal structure of [H <sub>3</sub> L][Cl] <sub>3</sub> ·2H <sub>2</sub> O (L = ) Tj ETQq1 1 0.784314 rgBT /Overlock 105ff 50 253 Td (4,		
104	Copper(I) and -(II) complexes with tertiary linear polyamines of the type Me <sub>2</sub> NCH <sub>2</sub> (CH <sub>2</sub> NMeCH <sub>2</sub> ) <sub>n</sub> CH <sub>2</sub> NMe <sub>2</sub> (n = 1-4). <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2055-2060.	1.1	25
105	Complexation Properties of Heteroditopic Cryptands towards Cu <sup>2+</sup> , Zn <sup>2+</sup> , Cd <sup>2+</sup> , and Pb <sup>2+</sup> in Aqueous Solution: Crystal Structures of [(H5L1)(ClO <sub>4</sub> ) <sub>5</sub> ]·4H <sub>2</sub> O and [(NiL2Cl)Cl] <sub>5</sub> ·5.5H <sub>2</sub> O·CH <sub>3</sub> OH. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2111-2116.	1.0	25
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