

# Andrea Bencini

## List of Publications by Year in descending order

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249  
papers

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279  
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docs citations

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5473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glyphosate sensing in aqueous solutions by fluorescent zinc( $\text{[9]aneN}_3$ ) complexes of $\text{[9]aneN}_3$ -based receptors. Dalton Transactions, 2022, 51, 8733-8742.	1.6	8
2	Probing Vibrational Symmetry Effects and Nuclear Spin Economy Principles in Molecular Spin Qubits. Inorganic Chemistry, 2021, 60, 140-151.	1.9	35
3	Exploring the Ability of Luminescent Metal Assemblies to Bind and Sense Anionic or Ionizable Analytes A Ru(phen) $_2$ bipy-Based Dizinc Complex for Bisphenol A (BPA) Recognition. Molecules, 2021, 26, 527.	1.7	6
4	Protonation of cyclen-based chelating agents containing fluorescent moieties. New Journal of Chemistry, 2021, 45, 16926-16938.	1.4	1
5	Aza- and Mixed Thia/Aza-Macrocyclic Receptors with Quinoline-Bearing Pendant Arms for Optical Discrimination of Zinc(II) or Cadmium(II) Ions. ChemPlusChem, 2020, 85, 1789-1799.	1.3	5
6	Switching on the Fluorescence Emission of Polypyridine Ligands by Simultaneous Zinc(II) Binding and Protonation. ChemPlusChem, 2020, 85, 659-671.	1.3	8
7	The design of TACN-based molecular systems for different supramolecular functions. Coordination Chemistry Reviews, 2020, 407, 213151.	9.5	16
8	Different Antioxidant Efficacy of Two Mn(II)-Containing Superoxide Anion Scavengers on Hypoxia/Reoxygenation-Exposed Cardiac Muscle Cells. Scientific Reports, 2019, 9, 10320.	1.6	14
9	Fluoride binding by an anionic receptor: tuning the acidity of amide NH groups for basic anion hydrogen bonding and recognition. Chemical Communications, 2019, 55, 2745-2748.	2.2	34
10	The solid-state structure of the $\beta$ -blocker metoprolol: a combined experimental and <i>in silico</i> investigation. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 87-96.	0.2	12
11	Highly Charged Ruthenium(II) Polypyridyl Complexes as Effective Photosensitizer in Photodynamic Therapy. Chemistry - A European Journal, 2019, 25, 10606-10615.	1.7	39
12	On the use of mixed thia/aza macrocycles in the development of fluorescent chemosensors for toxic heavy metals and fluorescent materials. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 682-688.	0.8	2
13	$\text{[9]aneN}_3$ -based fluorescent receptors for metal ion sensing, featuring urea and amide functional groups. Dalton Transactions, 2019, 48, 4949-4960.	1.6	14
14	Optical and Electrochemical Study of Acridine-Based Polyaza Ligands for Anion Sensing. European Journal of Inorganic Chemistry, 2018, 2018, 2675-2679.	1.0	13
15	Myelin-specific T cells carry and release magnetite PGLA-PEG COOH nanoparticles in the mouse central nervous system. RSC Advances, 2018, 8, 904-913.	1.7	12
16	Spectroscopic and photoacoustic characterization of encapsulated iron oxide super-paramagnetic nanoparticles as a new multiplatform contrast agent. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 199, 248-253.	2.0	14
17	A Fluorescent Silver(I) Carbene Complex with Anticancer Properties: Synthesis, Characterization, and Biological Studies. ChemMedChem, 2018, 14, 182-188.	1.6	35
18	Metoprolol Fumarate: Crystal Structure from Powder X-ray Diffraction Data and Comparison with the Tartrate and Succinate Salts. Crystal Growth and Design, 2018, 18, 7015-7026.	1.4	12

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19	Methylene blue-containing liposomes as new photodynamic anti-bacterial agents. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2788-2797.	2.9	47
20	Zn <sup>2+</sup> /Cd <sup>2+</sup> optical discrimination by fluorescent acridine-based <i>bis</i> -macrocyclic receptors. <i>Supramolecular Chemistry</i> , 2017, 29, 912-921.	1.5	15
21	Di $\epsilon$ -and Triphosphate Recognition and Sensing with Mono $\epsilon$ -and Dinuclear Fluorescent Zinc(II) Complexes: Clues for the Design of Selective Chemosensors for Anions in Aqueous Media. <i>Chemistry - A European Journal</i> , 2016, 22, 14890-14901.	1.7	16
22	Catching anions with coloured assemblies: binding of pH indicators by a giant-size polyammonium macrocycle for anion naked-eye recognition. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8309-8321.	1.5	14
23	Metal-based optical chemosensors for CN <sup>-</sup> detection. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24451-24475.	2.7	13
24	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
25	Enhanced intra-cutaneous delivery of a Mn-containing antioxidant drug by high-frequency ultrasounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 106, 197-203.	1.4	7
26	A new low molecular weight, Mn <sup>II</sup> -containing scavenger of superoxide anion protects cardiac muscle cells from hypoxia/reoxygenation injury. <i>Free Radical Research</i> , 2015, 49, 67-77.	1.5	17
27	A fluorescent receptor for halide recognition: clues for the design of anion chemosensors. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10813-10822.	1.3	11
28	Highly stable ionic liquid-in-water emulsions as a new class of fluorescent sensors for metal ions: the case study of Fe <sup>3+</sup> sensing. <i>RSC Advances</i> , 2015, 5, 37385-37391.	1.7	18
29	Protection of coronary endothelial cells from cigarette smoke-induced oxidative stress by a new MnII-containing polyamine-polycarboxylate scavenger of superoxide anion. <i>Vascular Pharmacology</i> , 2015, 75, 19-28.	1.0	8
30	Phosphate binding by a novel Zn(ii) complex featuring a trans-1,2-diaminocyclohexane ligand. Effective anion recognition in water. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1860-1868.	1.5	15
31	Zinc(II)-based fluorescent dyes: Luminescence modulation by phosphate anion binding. <i>Dyes and Pigments</i> , 2014, 110, 169-192.	2.0	25
32	Sensing and activation of anionic species by polyamine-based metal complexes. <i>Inorganica Chimica Acta</i> , 2014, 417, 38-58.	1.2	11
33	Tuning the Emission Properties of Fluorescent Ligands by Changing pH: The Unusual Case of an Acridine-Containing Polyamine Macrocycle. <i>Journal of Physical Chemistry A</i> , 2013, 117, 3798-3808.	1.1	14
34	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
35	An OFF $\rightarrow$ ON chemosensor for biological and environmental applications: sensing Cd <sup>2+</sup> in water using catanionic vesicles and in living cells. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7751.	1.5	16
36	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

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37	Developing ROS Scavenging Agents for Pharmacological Purposes: Recent Advances in Design of Manganese-Based Complexes with Anti-Inflammatory and Anti- Nociceptive Activity. <i>Current Medicinal Chemistry</i> , 2012, 19, 4431-4444.	1.2	25
38	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
39	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
40	Glyphosate and ATP binding by mononuclear Zn(II) complexes with non-symmetric ditopic polyamine ligands. <i>Dalton Transactions</i> , 2012, 41, 10521.	1.6	10
41	Anion recognition properties of pyridine-2,6-dicarboxamide and isophthalamide derivatives containing l-tryptophan moieties. <i>Supramolecular Chemistry</i> , 2012, 24, 95-100.	1.5	14
42	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
43	Selective binding and fluorescence sensing of Zn(II) with acridine-based macrocycles. <i>Inorganica Chimica Acta</i> , 2012, 381, 162-169.	1.2	25
44	Colorimetric response to anions by a $\beta$ -cucurbit[5]copper(II) complex of a [9]aneN3 pendant arm derivative: $CN^-$ and $I^-$ selective sensing. <i>Chemical Communications</i> , 2011, 47, 3805.	2.2	40
45	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
46	Exploring New Molecular Architectures for Anion Recognition: Synthesis and ATP Binding Properties of New Cyclam-Based Ditopic Polyammonium Receptors. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1582-1594.	1.7	10
47	Selective Binding of Glyphosate by a Ditopic Cyclic-Open Chain Polyazaligand in Aqueous Solution. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6965-6973.	1.2	3
48	Suppression of allergen-induced respiratory dysfunction and airway inflammation in sensitized guinea pigs by Mn(II)(Me2DO2A), a novel superoxide scavenger compound. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1525-1534.	1.3	18
49	Modeling and Biological Investigations of an Unusual Behavior of Novel Synthesized Acridine-Based Polyamine Ligands in the Binding of Double Helix and G-Quadruplex DNA. <i>ChemMedChem</i> , 2010, 5, 1995-2005.	1.6	12
50	A highly pH-sensitive Zn(II) chemosensor. <i>Dalton Transactions</i> , 2010, 39, 7080.	1.6	14
51	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
52	Tailoring cyclic polyamines for inorganic/organic phosphate binding. <i>Chemical Society Reviews</i> , 2010, 39, 3709.	18.7	98
53	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
54	Proton and metal binding by cyclen-based highly rigid cryptands. <i>Dalton Transactions</i> , 2010, 39, 11643.	1.6	12

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55	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
56	New Macrocyclic Amines Showing Activity as HIV Entry Inhibitors Against Wild Type and Multi-Drug Resistant Viruses. <i>Molecules</i> , 2009, 14, 1927-1937.	1.7	5
57	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
58	A Tris-Macrocyclic with Proton Sponge Characteristics as Efficient Receptor for Inorganic Phosphate and Nucleotide Anions. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5610-5621.	1.2	21
59	Anion Binding by Protonated Forms of the Tripodal Ligand Tren. <i>Inorganic Chemistry</i> , 2009, 48, 2391-2398.	1.9	54
60	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
61	Synthesis and Coordination Properties of Quinoline Pendant Arm Derivatives of [9]aneN <sub>3</sub> and [9]aneN <sub>2</sub> S as Fluorescent Zinc Sensors. <i>Inorganic Chemistry</i> , 2009, 48, 9236-9249.	1.9	70
62	pH-Controlled metal translocation outside/inside the cavity of a polyamine macrocycle. <i>Journal of Coordination Chemistry</i> , 2009, 62, 82-91.	0.8	7
63	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
64	Cu(II) complexation with an acridine-containing macrocycle. Assembly of water cluster chains within the cavity of tetranuclear metallomacrocycles. <i>Dalton Transactions</i> , 2009, , 1223.	1.6	18
65	Coordination Features of Polyaza-Bipyridine-Macrocyclic Ligand toward Co(II) and Cd(II) in Water and Dimethylsulfoxide. <i>Journal of Solution Chemistry</i> , 2008, 37, 503-517.	0.6	9
66	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
67	Coordination properties of polyamine-macrocycles containing terpyridine units. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1052-1068.	9.5	82
68	Interaction of polyamine macrocycles with Zn(II) and ATP in aqueous solution. Binary and ternary systems. A potentiometric, NMR and fluorescence emission study. <i>Inorganica Chimica Acta</i> , 2008, 361, 3410-3419.	1.2	18
69	Polyamine-Polycarboxylate Metal Complexes with Different Biological Effectiveness as Nitric Oxide Scavengers. Clues for Drug Design. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3250-3260.	2.9	11
70	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
71	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
72	Polyfunctional Binding of Thymidine 5'-Triphosphate with a Synthetic Polyammonium Receptor Containing Aromatic Groups. Crystal Structure of the Nucleotide-Receptor Adduct. <i>Journal of the American Chemical Society</i> , 2008, 130, 2440-2441.	6.6	30

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73	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-Liquid Solvent Extraction of Cu(II), Zn(II), Pb(II), Cd(II), Ag(I), and Hg(II). <i>Inorganic Chemistry</i> , 2008, 47, 8391-8404.	1.9	36
74	Polyfunctional Recognition of Pyridinedicarboxylate Anions with Macrocyclic Polyamine Receptors Containing Heteroaromatic Groups. <i>Journal of Organic Chemistry</i> , 2008, 73, 8286-8295.	1.7	13
75	A dizinc complex for selective fluorescence sensing of uridine and uridine-containing dinucleotides. <i>Chemical Communications</i> , 2007, , 1230.	2.2	11
76	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
77	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
78	Encapsulation of metal cations and anions within the cavity of bis(1,4,7-triazacyclononane) receptors. <i>Dalton Transactions</i> , 2006, , 1409-1418.	1.6	23
79	Inclusive coordination of F <sup>-</sup> , Cl <sup>-</sup> and Br <sup>-</sup> anions into macrobicyclic polyammonium receptors. <i>New Journal of Chemistry</i> , 2006, 30, 959-965.	1.4	10
80	Coordination features of a terpyridine-containing polyamine receptor. Effect of protonation on the photophysical properties of the complexes. <i>Dalton Transactions</i> , 2006, , 5743.	1.6	16
81	Basicity and coordination properties of a new phenanthroline-based bis-macrocyclic receptor. <i>Dalton Transactions</i> , 2006, , 4000.	1.6	31
82	ATP Recognition and sensing with a phenanthroline-containing polyammonium receptor. <i>Chemical Communications</i> , 2006, , 4087.	2.2	65
83	Kinetic and equilibrium studies on the polyazamacrocycle neotetren: metal-complex formation and DNA interaction. <i>Dalton Transactions</i> , 2006, , 1524-1533.	1.6	29
84	Reaction pathways for Zn(II)-catalyzed carboxylic acid esters hydrolysis. <i>Inorganica Chimica Acta</i> , 2005, 358, 77-92.	1.2	8
85	Voltammetry of chromium(VI) at the liquid   liquid interface. <i>Electrochemistry Communications</i> , 2005, 7, 976-982.	2.3	29
86	Mono- and Dinuclear Cu(II) and Zn(II) Complexes of Cyclen-Based Bis(macrocycles) Containing Two Aminoalkyl Pendant Arms of Different Lengths. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2044-2053.	1.0	19
87	Co(II) and Cd(II) complexation with two dipyridine-containing macrocyclic polyamines in water and dimethyl sulfoxide. <i>New Journal of Chemistry</i> , 2005, 29, 805.	1.4	8
88	A zinc(II)-based receptor for ATP binding and hydrolysis. <i>Chemical Communications</i> , 2005, , 2630.	2.2	46
89	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
90	Combined Charge and Spin Density Experimental Study of the Yttrium(III) Semiquinonato Complex Y(HBPz3)2(DTBSQ) and DFT Calculations. <i>Journal of Physical Chemistry B</i> , 2005, 109, 2723-2732.	1.2	25

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91	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
92	Intercalation of Zn(II) and Cu(II) complexes of the cyclic polyamine Neotrien into DNA: equilibria and kinetics. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1531-1538.	1.5	25
93	Dinuclear ZnII Complexes of Polydentate Polyamines as Minimalist Models of Hydrolytic Reactions. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4061-4071.	1.0	14
94	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
95	Coordination features of ditopic oxa-azamacrocycles toward Ni(ii) and Co(ii). Dioxygen uptake by their dinuclear Co(ii) complexes. <i>Dalton Transactions</i> , 2004, , 463-469.	1.6	10
96	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
97	Co-ordination chemistry of amino pendant arm derivatives of 1,4,7-triazacyclononane. <i>Dalton Transactions</i> , 2004, , 1934-1944.	1.6	17
98	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
99	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
100	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
101	ZnII 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
102	A thermodynamic and spectrophotometric study of anion binding with a multifunctional dipyridine-based macrobicyclic receptor. <i>Inorganica Chimica Acta</i> , 2003, 356, 167-178.	1.2	15
103	Redox chemosensors: coordination chemistry towards CuII, ZnII, CdII, HgII, and PbII 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/b218806ml">http://www.rsc.org/suppdata/dt/b2/b218806ml</a> . <i>Dalton Transactions</i> , 2003, , 893-899.	1.6	55
104	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
105	Coordination Chemistry of a New Cofacial Binucleating Macropolycycle Derived from 1,4,7-Triazacyclononane. <i>Inorganic Chemistry</i> , 2003, 42, 8690-8701.	1.9	16
106	Cu(ii) and Ni(ii) complexes with dipyridine-containing macrocyclic polyamines with different binding units Electronic supplementary information (ESI) available: selected bond lengths [ $\hat{a}$ , $\langle$ ] and angles [ $\hat{A}^\circ$ ] for [CuL1](ClO4)2 (Table S1) and for [NiL1](ClO4)2 (Table S2); absorption spectra of L2 in the presence of Cu(ii) (1 $\hat{\ast}$ 1 molar ratio) at different pH values (Fig. S1). See <a href="http://www.rsc.org/suppdata/dt/b2/b211904h/">http://www.rsc.org/suppdata/dt/b2/b211904h/</a> . <i>Dalton Transactions</i> , 2003, , 1299-1307.	1.6	23
107	Zn(ii) coordination to tren-based tris-macrocycles. Activity of their trinuclear Zn(ii) complexes in carboxy- and phosphate-ester hydrolysis. <i>Dalton Transactions</i> , 2003, , 3574-3580.	1.6	14
108	Protonated macrocyclic Zn(ii) complexes as polyfunctional receptors for ATP. <i>Dalton Transactions</i> , 2003, , 2564-2572.	1.6	20

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109	Proton and Cu(ii) binding to tren-based tris-macrocycles. Affinity towards nucleic acids and nuclease activity. Dalton Transactions, 2003, , 793-800.	1.6	64
110	Synthesis of New Tren-Based Tris-Macrocycles. Anion Cluster Assembling Inside the Cavity Generated by a Bowl-Shaped Receptor. Journal of Organic Chemistry, 2002, 67, 9107-9110.	1.7	32
111	A new dipyridine-containing cryptand for both proton and Cu(ii) encapsulation. A solution and solid state study. Dalton Transactions RSC, 2002, , 2151-2157.	2.3	12
112	Anion binding by a binuclear Cu(II) polyamine macrocyclic complex. Journal of Supramolecular Chemistry, 2002, 2, 49-52.	0.4	1
113	Basicity and coordination ability of linear hexa-amines in relation to N-(CH <sub>2</sub> ) <sub>n</sub> -N chain-link lengths. A solution study. Polyhedron, 2002, 21, 1459-1467.	1.0	5
114	Cd(II) complexation in aqueous solution with dipyridine- and phenanthroline-containing polyamine macrocycles. Polyhedron, 2002, 21, 1329-1335.	1.0	17
115	Synthesis, solution studies and structural characterisation of complexes of a mixed oxa-aza macrocycle bearing nitrile pendant arms. Inorganica Chimica Acta, 2002, 337, 59-69.	1.2	17
116	Photochemical- and pH-switching Properties of a New Photoelastic Ligand Based Upon Azobenzene. Basicity and Anion Binding. Supramolecular Chemistry, 2001, 13, 277-285.	1.5	16
117	Thermodynamics of sulfate anion binding by macrocyclic polyammonium receptors. Perkin Transactions II RSC, 2001, , 1765-1770.	1.1	53
118	Coordination Properties of a Polyamine Cryptand with Two Different Binding Moieties. A Case of a pH-Modulated Antenna Device Based on a New Eu(III) Cryptate Complex. Inorganic Chemistry, 2001, 40, 6172-6179.	1.9	18
119	Exploring the Photocatalytic Properties and the Long-Lifetime Chemosensor Ability of Cl <sub>2</sub> [Ru(Bpy) <sub>2</sub> L]	1.9	26
120	Protonation and Zn(II) Coordination by Dipyridine-Containing Macrocycles with Different Molecular Architecture. A Case of pH-Controlled Metal Jumping Outside-Inside the Macrocyclic Cavity. Inorganic Chemistry, 2001, 40, 2968-2975.	1.9	55
121	Cd(II) and Pb(II) Complexation by Dipyridine-Containing Macrocycles with Different Molecular Architecture. Effect of Complex Protonation on Metal Coordination Environment. Inorganic Chemistry, 2001, 40, 6383-6389.	1.9	23
122	Cleft-like hexaamine ligands containing large heteroaromatic moieties as receptors for both anions and metal cations. Journal of Physical Organic Chemistry, 2001, 14, 432-443.	0.9	24
123	Synthesis and coordination properties of highly preorganised polyamine macrocycles. Journal of Heterocyclic Chemistry, 2001, 38, 1273-1279.	1.4	4
124	Supramolecular Assembling of Dizinc Macrocyclic Complexes with Thymine and Uracil - The Role of Intra- and Intermolecular Hydrogen Bonding. European Journal of Inorganic Chemistry, 2001, 2001, 629-632.	1.0	18
125	Binding of nucleobases to a dizinc macrocyclic complex. Supramolecular assembling of dinuclear clusters through N-H...O and C-H...O hydrogen bonding. Inorganica Chimica Acta, 2001, 317, 259-267.	1.2	22
126	Fluorescent Chemosensors Based upon Macrocyclic Polyamines Containing Aromatic Sectors. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 41, 87-93.	1.6	5



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129	Synthesis of Polyamine Macrocycles and Cryptands Incorporating Bipyridine and Phenanthroline Moieties. <i>Journal of Organic Chemistry</i> , 2000, 65, 7686-7689.	1.7	39
130	Affinity and Nuclease Activity of Macrocytic Polyamines and Their Cu(I) Complexes. <i>Chemistry - A European Journal</i> , 2000, 6, 4001-4008.	1.7	26
131	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]·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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139	Design of Ligands Which Improve Cu(I) Catalysis. <i>Industrial &amp; Engineering Chemistry Research</i> , 2000, 39, 3536-3540.	1.8	15
140	Complexation of Ni(II) and Co(II) with 1,4-Dioxo-7,10,13-triazacyclopentadecane (L). Crystal Structure of [NiLCl][NiL(H <sub>2</sub> O)](ClO <sub>4</sub> ) <sub>3</sub> and Macrocycle-Induced Dioxygen Binding. <i>Industrial &amp; Engineering Chemistry Research</i> , 2000, 39, 3484-3488.	1.8	1
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165	Mono- and bi-nuclear copper(II) complexes with polyazacyclophane receptors containing two different binding sites. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3535-3541.	1.1	7
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175	Coloured aza-cages for lithium encapsulation. <i>Supramolecular Chemistry</i> , 1996, 7, 61-66.	1.5	9
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