Claudia Giorgi

List of Publications by Year
in descending order

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143	4,155	87723	155451
papers	citations	38 h-index	55 g-index

147	147	147	3485
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carboxy and Phosphate Esters Cleavage with Mono- and Dinuclear Zinc(II) Macrocyclic Complexes in Aqueous Solution. Crystal Structure of [Zn2L1(Î¼-PP)2(MeOH)2](ClO4)2(L1 = [30]aneN6O4, PP-= Diphenyl) Tj ETQq1 1 0.784314 rgBT		
2	Thermodynamics of Phosphate and Pyrophosphate Anions Binding by Polyammonium Receptors. Journal of the American Chemical Society, 1999, 121, 6807-6815.	6.6	133
3	Carboxy and Diphosphate Ester Hydrolysis by a Dizinc Complex with a New Alcohol-Pendant Macrocycle. Inorganic Chemistry, 1999, 38, 4115-4122.	1.9	118
4	Highlights of metal ion-based photochemical switches. Coordination Chemistry Reviews, 2014, 260, 156-215.	9.5	102
5	pH Modulation of the luminescence emission of a new europium cryptate complex. Chemical Communications, 2000, , 561-562.	2.2	85
6	Thermodynamic and structural properties of Gd3+ complexes with functionalized macrocyclic ligands based upon 1,4,7,10-tetraazacyclododecane. Dalton Transactions RSC, 2000, , 697-705.	2.3	84
7	Coordination properties of polyamine-macrocycles containing terpyridine units. Coordination Chemistry Reviews, 2008, 252, 1052-1068.	9.5	82
8	A BINOL-based chiral polyammonium receptor for highly enantioselective recognition and fluorescence sensing of (S,S)-tartaric acid in aqueous solution. Chemical Communications, 2012, 48, 10428.	2.2	73
9	Affinity and nuclease activity of macrocyclic polyamines and their CuII complexes. Chemistry - A European Journal, 2000, 6, 4001-4008.	1.7	72
10	Thermodynamics of Anionâ^'Ï€ Interactions in Aqueous Solution. Journal of the American Chemical Society, 2013, 135, 102-105.	6.6	71
11	Effect of Protonation and Zn(II) Coordination on the Fluorescence Emission of a Phenanthroline-Containing Macrocycle. An Unusual Case of â€œNonemissiveâ€•Zn(II) Complex. Inorganic Chemistry, 1999, 38, 3806-3813.	1.9	66
12	Coordination Properties of New Bis(1,4,7-triazacyclononane) Ligands:Â A Highly Active Dizinc Complex in Phosphate Diester Hydrolysis. Inorganic Chemistry, 2003, 42, 6929-6939.	1.9	66
13	ATP Recognition and sensing with a phenanthroline-containing polyammonium receptor. Chemical Communications, 2006, , 4087.	2.2	65
14	Polyamine Macrocycles Incorporating a Phenanthroline Unit:Â Their Synthesis, Basicity, and Cu(II) Coordination. Inorganic Chemistry, 1998, 37, 941-948.	1.9	64
15	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
16	Thermodynamic and structural aspects of manganese(II) complexes with polyaminopolycarboxylic ligands based upon 1,4,7,10-tetraazacyclododecane (cyclen). Crystal structure of dimeric [MnL]2Â·2CH3OH containing the new ligand 1,4,7,10-tetraazacyclododecane-1,4-diacetate. Dalton Transactions RSC, 2001, , 917-922.	2.3	62
17	Zn(II) Coordination to Polyamine Macrocycles Containing Dipyridine Units. New Insights into the Activity of Dinuclear Zn(II) Complexes in Phosphate Ester Hydrolysis. Inorganic Chemistry, 2004, 43, 6255-6265.	1.9	59
18	Screening Study of Different Amine-Based Solutions as Sorbents for Direct CO₂ Capture from Air. ACS Sustainable Chemistry and Engineering, 2020, 8, 14013-14021.	3.2	58

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19	Effect of Nitrogen Methylation on Cation and Anion Coordination by Hexa- and Heptaazamacrocycles. Catalytic Properties of These Ligands in ATP Dephosphorylation. Inorganic Chemistry, 1996, 35, 1114-1120.	1.9	55
20	Carboxy and Diphosphate Ester Hydrolysis Promoted by Dinuclear Zinc(II) Macrocyclic Complexes. Role of Zn(II)-Bound Hydroxide as the Nucleophilic Function. Inorganic Chemistry, 1999, 38, 6323-6325.	1.9	55
21	Molecular Recognition of Long Dicarboxylate/Dicarboxylic Species via Supramolecular/Coordinative Interactions with Ditopic Receptors. Crystal Structure of {[Cu2L(H2O)2]âŠƒPimelate}(ClO4)2. Inorganic Chemistry, 1999, 38, 620-621.	1.9	55
22	Protonation and Zn(II) Coordination by Dipyridine-Containing Macrocycles with Different Molecular Architecture. A Case of pH-Controlled Metal Jumping Outsideâ^'Inside the Macrocyclic Cavity. Inorganic Chemistry, 2001, 40, 2968-2975.	1.9	55
23	Anion Binding by Protonated Forms of the Tripodal Ligand Tren. Inorganic Chemistry, 2009, 48, 2391-2398.	1.9	54
24	Thermodynamics of sulfate anion binding by macrocyclic polyammonium receptors. Perkin Transactions II RSC, 2001, , 1765-1770.	1.1	53
25	Tuning the Activity of Zn(II) Complexes in DNA Cleavage: Clues for Design of New Efficient Metallo-Hydrolases. Inorganic Chemistry, 2008, 47, 5473-5484.	1.9	52
26	Exploring the Binding Ability of Phenanthroline-Based Polyammonium Receptors for Anions: Hints for Design of Selective Chemosensors for Nucleotides. Journal of Organic Chemistry, 2009, 74, 7349-7363.	1.7	50
27	Comparative Study of CO₂ Capture by Aqueous and Nonaqueous 2-Amino-2-methyl-1-propanol Based Absorbents Carried Out by ¹³C NMR and Enthalpy Analysis. Industrial & Engineering Chemistry Research, 2019, 58, 4364-4373.	1.8	50
28	Addressing selectivity criteria in binding equilibria. Coordination Chemistry Reviews, 2012, 256, 13-27.	9.5	48
29	Lead complexation by novel phenanthroline-containing macrocyclesâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1999, , 393-400.	1.1	47
30	Anion Complexes with Tetrazine-Based Ligands: Formation of Strong Anionâ^'Ï€ Interactions in Solution and in the Solid State. Inorganic Chemistry, 2016, 55, 8013-8024.	1.9	47
31	Methylene blue-containing liposomes as new photodynamic anti-bacterial agents. Journal of Materials Chemistry B, 2017, 5, 2788-2797.	2.9	47
32	A fluorescent chemosensor for Zn(ii). Exciplex formation in solution and the solid stateElectronic supplementary information (ESI) available: Theoretical basis for the temperature dependence of fluorescence. See http://www.rsc.org/suppdata/dt/b4/b403743j/. Dalton Transactions, 2004, , 2180.	1.6	46
33	A zinc(ii)-based receptor for ATP binding and hydrolysis. Chemical Communications, 2005, , 2630.	2.2	46
34	A synthetic hexapeptide designed to resemble a proteinaceous pâ€‹loop nest is shown to bind inorganic phosphate. Proteins: Structure, Function and Bioinformatics, 2012, 80, 1418-1424.	1.5	46
35	Combination of light and Ru(II) polypyridyl complexes: Recent advances in the development of new anticancer drugs. Coordination Chemistry Reviews, 2022, 469, 214656.	9.5	43
36	A Novel Manganese Complex Effective as Superoxide Anion Scavenger and Therapeutic Agent against Cell and Tissue Oxidative Injury. Journal of Medicinal Chemistry, 2009, 52, 7273-7283.	2.9	41

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37	Synthesis of Polyamine Macrocycles and Cryptands Incorporating Bipirydine and Phenanthroline Moieties. Journal of Organic Chemistry, 2000, 65, 7686-7689.	1.7	39
38	CO 2 capture by aqueous Na 2 CO 3 integrated with high-quality CaCO 3 formation and pure CO 2 release at room conditions. Journal of CO2 Utilization, 2017, 22, 346-354.	3.3	39
39	Highly Charged Ruthenium(II) Polypyridyl Complexes as Effective Photosensitizer in Photodynamic Therapy. Chemistry - A European Journal, 2019, 25, 10606-10615.	1.7	39
40	Macrocyclic Polyamines Containing Phenanthroline Moieties â€“ Fluorescent Chemosensors for H+ and Zn2+ Ions. European Journal of Inorganic Chemistry, 1999, 1999, 1911-1918.	1.0	38
41	Binding and Removal of Sulfate, Phosphate, Arsenate, Tetrachloromercurate, and Chromate in Aqueous Solution by Means of an Activated Carbon Functionalized with a Pyrimidine-Based Anion Receptor (HL). Crystal Structures of [H₃L(HgCl₄)]Â·H₂O and [H₃L(HgBr₄)]Â·H₂O Showing Anionâ^'Ï€ Interactions. Inorganic Chemistry, 2010, 49, 9321-9332.	1.9	38
42	Exploring the Binding Ability of Polyammonium Hosts for Anionic Substrates: Selective Size-Dependent Recognition of Different Phosphate Anions by Bis-macrocyclic Receptors. Inorganic Chemistry, 2011, 50, 7202-7216.	1.9	38
43	New Terpyridine-Containing Macrocycle for the Assembly of Dimeric Zn(II) and Cu(II) Complexes Coupled by Bridging Hydroxide Anions and Ï€-Stacking Interactions. Inorganic Chemistry, 2004, 43, 5134-5146.	1.9	36
44	Basicity properties of two paracyclophane receptors. Their ability in ATP and ADP recognition in aqueous solution. Journal of the Chemical Society Perkin Transactions II, 1997, , 775-782.	0.9	34
45	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
46	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
47	Tren-Based Tris-macrocycles as Anion Hosts. Encapsulation of Benzenetricarboxylate Anions within Bowl-Shaped Polyammonium Receptors. Journal of Organic Chemistry, 2005, 70, 4257-4266.	1.7	32
48	Basicity and coordination properties of a new phenanthroline-based bis-macrocyclic receptor. Dalton Transactions, 2006, , 4000.	1.6	31
49	Polyfunctional Binding of Thymidine 5â€˜-Triphosphate with a Synthetic Polyammonium Receptor Containing Aromatic Groups. Crystal Structure of the Nucleotideâ^'Receptor Adduct. Journal of the American Chemical Society, 2008, 130, 2440-2441.	6.6	30
50	Protonation and coordination properties towards Zn(ii), Cd(ii) and Hg(ii) of a phenanthroline-containing macrocycle with an ethylamino pendant arm. Dalton Transactions, 2004, , 591.	1.6	29
51	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 [PdLH2Cl]NO3.cntdot.3H2O and [Cu2L1Cl2](BPh4)(ClO4).cntdot.CH3CN. Inorganic Chemistry, 1995, 34, 552-559.	1.9	28
52	New Bis-Cresol-Bridged bis(1,4,7-Triazacyclononane) Ligand As Receptor for Metal Cations and Phosphate Anions. Inorganic Chemistry, 2008, 47, 6551-6563.	1.9	28
53	1,10-Dimethyl-1,4,7,10,13,16-hexaazacyclooctadecane L and 1,4,7-trimethyl-1,4,7,10,13,16,19-heptaazacyclohenicosane L1: two new macrocyclic receptors for ATP binding. Synthesis, solution equilibria and the crystal structure of (H4L)(ClO4)4. Journal of the Chemical Society Perkin Transactions II, 1994, , 2367-2373.	0.9	27
54	DNA Binding by a New Metallointercalator that Contains a Proflavine Group Bearing a Hanging Chelating Unit. Chemistry - A European Journal, 2008, 14, 184-196.	1.7	27

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55	Polyamine Receptors Containing Dipyridine or Phenanthroline Units: Clues for the Design of Fluorescent Chemosensors for Metal Ions. Chemistry - A European Journal, 2009, 15, 8049-8063.	1.7	27
56	Metal Ion Binding by a G-2 Poly(ethylene imine) Dendrimer. Ion-Directed Self-Assembling of Hierarchical Mono- and Two-Dimensional Nanostructured Materials. Inorganic Chemistry, 2013, 52, 2125-2137.	1.9	27
57	Affinity and Nuclease Activity of Macrocyclic Polyamines and Their CuIIComplexes. Chemistry - A European Journal, 2000, 6, 4001-4008.	1.7	26
58	Exploring the Photocatalytic Properties and the Long-Lifetime Chemosensor Ability of Cl2[Ru(Bpy)2L]	1.9	26
59	Binding and removal of octahedral, tetrahedral, square planar and linear anions in water by means of activated carbon functionalized with a pyrimidine-based anion receptor. RSC Advances, 2014, 4, 58505-58513.	1.7	26
60	Intercalation of Zn(II) and Cu(II) complexes of the cyclic polyamine Neotrien into DNA: equilibria and kinetics. Journal of Inorganic Biochemistry, 2004, 98, 1531-1538.	1.5	25
61	Formation of Double-Strand Dimetallic Helicates with a Terpyridine-Based Macrocycle. Inorganic Chemistry, 2014, 53, 12215-12224.	1.9	25
62	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
63	Halide and hydroxide anion binding in water. Dalton Transactions, 2018, 47, 3329-3338.	1.6	24
64	Solution Study, Crystal Structure and Relaxivity Properties of a Gd3+ Complex with an Uncharged Macrocyclic Ligand Bearing Four Amidic Side Arms. European Journal of Inorganic Chemistry, 1998, 1998, 1581-1584.	1.0	23
65	Phenanthroline-containing macrocycles as multifunctional receptors for nucleotide anions. A thermodynamic and NMR studyâ€Šâ€. Journal of the Chemical Society Perkin Transactions II, 1999, , 1675-1682.	0.9	23
66	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
67	Cu(II) and Ni(II) complexes with dipyridine-containing macrocyclic polyamines with different binding unitsElectronic supplementary information (ESI) available: selected bond lengths [â„«] and angles [Â°] for [CuL1](ClO4)2 (Table S1) and for [NiL1](ClO4)2 (Table S2); absorption spectra of L2 in the presence of Cu(ii) (1 âˆ¶ 1 molar ratio) at different pH values (Fig. S1). See http://www.rsc.org/suppdata/dt/b2/b211904h/. Dalton Transactions, 2003, , 1299-1307.	1.6	23
68	Encapsulation of metal cations and anions within the cavity of bis(1,4,7-triazacyclononane) receptors. Dalton Transactions, 2006, , 1409-1418.	1.6	23
69	Binding of nucleobases to a dizinc macrocyclic complex. Supramolecular assembling of dinuclear clusters through Nâ€“Hâ‹¯O and Câ€“Hâ‹¯O hydrogen bonding. Inorganica Chimica Acta, 2001, 317, 259-267.	1.2	22
70	Molecular recognition of ADP over ATP in aqueous solution by a polyammonium receptor containing a pyrimidine residue. Chemical Communications, 2011, 47, 2814.	2.2	22
71	A Trisâ€Macrocycle with Proton Sponge Characteristics as Efficient Receptor for Inorganic Phosphate and Nucleotide Anions. European Journal of Organic Chemistry, 2009, 2009, 5610-5621.	1.2	21
72	Binding and recognition of AMP, ADP, ATP and related inorganic phosphate anions by a tren-based ligand containing a pyrimidine functionality. New Journal of Chemistry, 2011, 35, 1883.	1.4	21

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73	Protonated macrocyclic Zn(ii) complexes as polyfunctional receptors for ATP. Dalton Transactions, 2003, , 2564-2572.	1.6	20
74	Exploring the potential of highly charged Ru(II)- and heteronuclear Ru(II)/Cu(II)-polypyridyl complexes as antimicrobial agents. Journal of Inorganic Biochemistry, 2021, 220, 111467.	1.5	20
75	Nitroimidazole-Based Ruthenium(II) Complexes: Playing with Structural Parameters to Design Photostable and Light-Responsive Antibacterial Agents. Inorganic Chemistry, 2022, 61, 6689-6694.	1.9	20
76	Copper-(II) and -(I) co-ordination by hexa-amine ligands of different rigidities. A thermodynamic, structural and electrochemical investigationâ€Šâ€. Dalton Transactions RSC, 2000, , 2383-2391.	2.3	19
77	Mono- and Dinuclear CuII and ZnII Complexes of Cyclen-Based Bis(macrocycles) Containing Two Aminoalkyl Pendant Arms of Different Lengths. European Journal of Inorganic Chemistry, 2005, 2005, 2044-2053.	1.0	19
78	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
79	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
80	Interaction of polyamine macrocycles with Zn(II) and ATP in aqueous solution. Binary and ternary systems. A potentiometric, NMR and fluorescence emission study. Inorganica Chimica Acta, 2008, 361, 3410-3419.	1.2	18
81	Cu(ii) complexation with an acridine-containing macrocycle. Assembly of water cluster chains within the cavity of tetranuclear metallomacrocycles. Dalton Transactions, 2009, , 1223.	1.6	18
82	Highly stable ionic liquid-in-water emulsions as a new class of fluorescent sensors for metal ions: the case study of Fe³⁺ sensing. RSC Advances, 2015, 5, 37385-37391.	1.7	18
83	Cd(II) complexation in aqueous solution with dipyridine- and phenanthroline-containing polyamine macrocycles. Polyhedron, 2002, 21, 1329-1335.	1.0	17
84	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
85	Coordination features of a terpyridine-containing polyamine receptor. Effect of protonation on the photophysical properties of the complexes. Dalton Transactions, 2006, , 5743.	1.6	16
86	Diâ€•and Triphosphate Recognition and Sensing with Monoâ€•and Dinuclear Fluorescent Zinc(II) Complexes: Clues for the Design of Selective Chemosensors for Anions in Aqueous Media. Chemistry - A European Journal, 2016, 22, 14890-14901.	1.7	16
87	A new functionalized hexaazamacrocycle. Effect of pyridine pendants on cation and anion binding. Journal of the Chemical Society Dalton Transactions, 1999, , 1101-1108.	1.1	15
88	A thermodynamic and spectrophotometric study of anion binding with a multifunctional dipyridine-based macrobicyclic receptor. Inorganica Chimica Acta, 2003, 356, 167-178.	1.2	15
89	Phosphate binding by a novel Zn(ii) complex featuring a trans-1,2-diaminocyclohexane ligand. Effective anion recognition in water. Organic and Biomolecular Chemistry, 2015, 13, 1860-1868.	1.5	15
90	Zn(ii) coordination to tren-based tris-macrocycles. Activity of their trinuclear Zn(ii) complexes in carboxy- and phosphate-ester hydrolysis. Dalton Transactions, 2003, , 3574-3580.	1.6	14

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91	DNA interaction with Ru(ii) and Ru(ii)/Cu(ii) complexes containing azamacrocycle and dppz residues. A thermodynamic, kinetic and theoretical study.. Dalton Transactions, 2010, 39, 9838.	1.6	14
92	Tuning the Emission Properties of Fluorescent Ligands by Changing pH: The Unusual Case of an Acridine-Containing Polyamine Macrocycle. Journal of Physical Chemistry A, 2013, 117, 3798-3808.	1.1	14
93	Catching anions with coloured assemblies: binding of pH indicators by a giant-size polyammonium macrocycle for anion naked-eye recognition. Organic and Biomolecular Chemistry, 2016, 14, 8309-8321.	1.5	14
94	Different Antioxidant Efficacy of Two MnII-Containing Superoxide Anion Scavengers on Hypoxia/Reoxygenation-Exposed Cardiac Muscle Cells. Scientific Reports, 2019, 9, 10320.	1.6	14
95	Ferritin nanocomposites for the selective delivery of photosensitizing ruthenium-polypyridyl compounds to cancer cells. Inorganic Chemistry Frontiers, 2022, 9, 1070-1081.	3.0	14
96	Polyfunctional Recognition of Pyridinedicarboxylate Anions with Macrocyclic Polyamine Receptors Containing Heteroaromatic Groups. Journal of Organic Chemistry, 2008, 73, 8286-8295.	1.7	13
97	Optical and Electrochemical Study of Acridine-Based Polyaza Ligands for Anion Sensing. European Journal of Inorganic Chemistry, 2018, 2018, 2675-2679.	1.0	13
98	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
99	Modeling and Biological Investigations of an Unusual Behavior of Novel Synthesized Acridineâ€Based Polyamine Ligands in the Binding of Double Helix and Gâ€Quadruplex DNA. ChemMedChem, 2010, 5, 1995-2005.	1.6	12
100	ApA Cleavage Promoted by Oxa-aza Macrocycles and Their Zn(II) Complexes. The Role of pH and Metal Coordination in the Hydrolytic Mechanism. Supramolecular Chemistry, 2001, 13, 489-497.	1.5	11
101	A dizinc complex for selective fluorescence sensing of uridine and uridine-containing dinucleotides. Chemical Communications, 2007, , 1230.	2.2	11
102	Polyamineâˆ'Polycarboxylate Metal Complexes with Different Biological Effectiveness as Nitric Oxide Scavengers. Clues for Drug Design. Journal of Medicinal Chemistry, 2008, 51, 3250-3260.	2.9	11
103	A fluorescent receptor for halide recognition: clues for the design of anion chemosensors. Physical Chemistry Chemical Physics, 2015, 17, 10813-10822.	1.3	11
104	Solid State and Solution Study on the Formation of Inorganic Anion Complexes with a Series of Tetrazine-Based Ligands. Molecules, 2019, 24, 2247.	1.7	11
105	Coordination features of ditopic oxa-azamacrocycles toward Ni(ii) and Co(ii). Dioxygen uptake by their dinuclear Co(ii) complexes. Dalton Transactions, 2004, , 463-469.	1.6	10
106	Inclusive coordination of Fâˆ', Clâˆ'and Brâˆ'anions into macrobicyclic polyammonium receptors. New Journal of Chemistry, 2006, 30, 959-965.	1.4	10
107	Exploring New Molecular Architectures for Anion Recognition: Synthesis and ATP Binding Properties of New Cyclamâ€Based Ditopic Polyammonium Receptors.. Chemistry - an Asian Journal, 2011, 6, 1582-1594.	1.7	10
108	Glyphosate and ATP binding by mononuclear Zn(ii) complexes with non-symmetric ditopic polyamine ligands. Dalton Transactions, 2012, 41, 10521.	1.6	10

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109	Assembly of Polyiodide Networks with Cu(II) Complexes of Pyridinol-Based Tetraaza Macrocycles. Inorganic Chemistry, 2022, 61, 368-383.	1.9	10
110	Complexation properties of a new macrocyclic polyaminic ligand (L) containing amidic pendant arms: crystal structure of [PbL](ClO4)2. Inorganica Chimica Acta, 2002, 329, 93-99.	1.2	9
111	Coordination Features ofÂaÂPolyaza-Bipyridine-Macrocyclic Ligand towardÂCo(II) and Cd(II) in Water and Dimethylsulfoxide. Journal of Solution Chemistry, 2008, 37, 503-517.	0.6	9
112	Beyond Sociocultural Influence: Self-monitoring and Self-awareness as Predictors of Womenâ€™s Interest in Breast Cosmetic Surgery. Aesthetic Plastic Surgery, 2015, 39, 331-338.	0.5	9
113	A novel synthetic pathway for paracyclophane receptors. Tetrahedron Letters, 1994, 35, 8469-8472.	0.7	8
114	Co-ordination tendencies of two novel compartimental oxa-aza macrobicycles. Crystal structure of a Cu II (H2O) inclusion complex. Journal of the Chemical Society Dalton Transactions, 1994, , 3581.	1.1	8
115	Coordination properties of a new hexaazamacrocycle containing thiophene units as pendant arms. Inorganica Chimica Acta, 2000, 300-302, 653-660.	1.2	8
116	Co(ii) and Cd(ii) complexation with two dipyridine-containing macrocyclic polyamines in water and dimethyl sulfoxide. New Journal of Chemistry, 2005, 29, 805.	1.4	8
117	Dipyridineâ€Containing Macrocyclic Polyamine â€“ Nafionâ€Modified Screenâ€Printed Carbon Electrode for Voltammetric Detection of Lead. Electroanalysis, 2012, 24, 591-599.	1.5	8
118	Interaction of myo-inositol hexakisphosphate with biogenic and synthetic polyamines. Organic and Biomolecular Chemistry, 2015, 13, 7500-7512.	1.5	8
119	Switching on the Fluorescence Emission of Polypyridine Ligands by Simultaneous Zinc(II) Binding and Protonation. ChemPlusChem, 2020, 85, 659-671.	1.3	8
120	A large cavity reinforced cryptand for the binding of metal cations and anions. Inorganica Chimica Acta, 1998, 273, 326-333.	1.2	7
121	pH-Controlled metal translocation outside/inside the cavity of a polyamine macrocycle. Journal of Coordination Chemistry, 2009, 62, 82-91.	0.8	7
122	Thermodynamic and fluorescence emission properties of the Zn(II), Cd(II) and Pb(II) complexes with a fluorescent chelator bearing phenanthroline and naphthalene subunits. Inorganica Chimica Acta, 2012, 381, 229-235.	1.2	7
123	A thermodynamic insight into the recognition of hydrophilic and hydrophobic amino acids in pure water by aza-scorpiand type receptors. Organic and Biomolecular Chemistry, 2015, 13, 843-850.	1.5	7
124	Glyphosate and AMPA binding by two polyamino-phenolic ligands and their dinuclear Zn(II) complexes. Inorganica Chimica Acta, 2021, 519, 120261.	1.2	7
125	A large cavity cryptand for recognition of dianionic substrates in aqueous solution. Tetrahedron Letters, 1997, 38, 5327-5330.	0.7	6
126	Palladium(II) Complexation byp-Cyclophane Receptors. A Solution and Solid State Study. Inorganic Chemistry, 1999, 38, 2064-2070.	1.9	6

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127	Anion and ion-pair binding by a G-2 poly(ethylene imine) dendrimer. Dalton Transactions, 2013, 42, 12130.	1.6	6
128	ATP dephosphorylation can be either enhanced or inhibited by pH-controlled interaction with a dendrimer molecule. Chemical Communications, 2015, 51, 3907-3910.	2.2	6
129	Exploring the Ability of Luminescent Metal Assemblies to Bind and Sense Anionic or Ionizable Analytes A Ru(phen)2bipy-Based Dizinc Complex for Bisphenol A (BPA) Recognition. Molecules, 2021, 26, 527.	1.7	6
130	Fluorescent Chemosensors Based upon Macrocyclic Polyamines Containing Aromatic Sectors. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 41, 87-93.	1.6	5
131	Basicity and coordination ability of linear hexa-amines in relation to N-(CH2)n-N chain-link lengths. A solution study. Polyhedron, 2002, 21, 1459-1467.	1.0	5
132	Zn(II) enhances nucleotide binding and dephosphorylation in the presence of a poly(ethylene imine) dendrimer. Inorganica Chimica Acta, 2014, 417, 163-170.	1.2	5
133	Azaâ€•and Mixed Thia/Azaâ€Macrocyclic Receptors with Quinolineâ€Bearing Pendant Arms for Optical Discrimination of Zinc(II) or Cadmium(II) Ions. ChemPlusChem, 2020, 85, 1789-1799.	1.3	5
134	Conformational Change of an Azamacrocycle Containing Nitrophenol Side Arms by Proton Coordination. Crystal Structures, Heat of reaction and Molecular Mechanics Calculations. Supramolecular Chemistry, 1999, 10, 243-252.	1.5	4
135	Synthesis and coordination properties of highly preorganised polyamine macrocycles. Journal of Heterocyclic Chemistry, 2001, 38, 1273-1279.	1.4	4
136	Thermodynamic study of proton transfer reactions of Re(V) trans-dioxocomplexes in aqueous solution. Dalton Transactions, 2009, , 8257.	1.6	4
137	Cation, Anion and Ion-Pair Complexes with a G-3 Poly(ethylene imine) Dendrimer in Aqueous Solution. Molecules, 2017, 22, 816.	1.7	4
138	Ni(II) and Co(II) complexes with a phenanthroline-containing macrocycle. Thermodynamic, structural and kinetic considerations. Physical Chemistry Chemical Physics, 2000, 2, 4864-4869.	1.3	3
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