

Antonio Bianchi

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Anion coordination chemistry in aqueous solution of polyammonium receptors. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2952-2986.	18.8	276
2	Thermodynamic aspects of the polyazacycloalkane complexes with cations and anions. <i>Coordination Chemistry Reviews</i> , 1991, 110, 17-113.	18.8	256
3	Proton coordination by polyamine compounds in aqueous solution. <i>Coordination Chemistry Reviews</i> , 1999, 188, 97-156.	18.8	246
4	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) Tj ET@Q 0 0 rg BT /Overlo	18.8	100
5	Thermodynamic and structural properties of Gd(III) complexes with polyamino-polycarboxylic ligands: basic compounds for the development of MRI contrast agents. <i>Coordination Chemistry Reviews</i> , 2000, 204, 309-393.	18.8	160
6	Mechanism of paracetamol removal by vegetable wastes: The contribution of $\pi\text{-}\pi$ interactions, hydrogen bonding and hydrophobic effect. <i>Desalination</i> , 2011, 270, 135-142.	8.2	136
7	Thermodynamics of Phosphate and Pyrophosphate Anions Binding by Polyammonium Receptors. <i>Journal of the American Chemical Society</i> , 1999, 121, 6807-6815.	13.7	133
8	Carboxy and Diphosphate Ester Hydrolysis by a Dizinc Complex with a New Alcohol-Pendant Macrocyclic. <i>Inorganic Chemistry</i> , 1999, 38, 4115-4122.	4.0	118
9	Coordination tendencies of a series of tetraazacycloalkanes related to 1,4,7,10-tetraazadecane (trien): synthetic, thermodynamics, and structural aspects. <i>Inorganic Chemistry</i> , 1984, 23, 1201-1205.	4.0	117
10	Low-spin six-co-ordinate cobalt(II) complexes. A solution study of tris(violurato)cobaltate(II) ions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 101-104.	1.1	111
11	Highlights of metal ion-based photochemical switches. <i>Coordination Chemistry Reviews</i> , 2014, 260, 156-215.	18.8	102
12	CO ₂ Fixation by Novel Copper(II) and Zinc(II) Macrocyclic Complexes. A Solution and Solid State Study. <i>Inorganic Chemistry</i> , 1996, 35, 5540-5548.	4.0	100
13	Thermodynamic and structural studies of configurational isomers of (1,4,8,11-tetraazacyclotetradecane)nickel(2+). <i>Inorganic Chemistry</i> , 1986, 25, 4197-4202.	4.0	99
14	pH Modulation of the luminescence emission of a new europium cryptate complex. <i>Chemical Communications</i> , 2000, , 561-562.	4.1	85
15	Thermodynamic and structural properties of Gd ³⁺ complexes with functionalized macrocyclic ligands based upon 1,4,7,10-tetraazacyclododecane. <i>Dalton Transactions RSC</i> , 2000, , 697-705.	2.3	84
16	Synthesis, crystal structure, magnetic properties, and thermodynamic and electrochemical studies of the binuclear complex $[(\mu\text{-oxalato})\text{bis}[(1,4,8,11\text{-tetraazacyclotetradecane})\text{nickel(II)}]]$ nitrate. <i>Inorganic Chemistry</i> , 1988, 27, 4174-4179.	4.0	83
17	Coordination properties of polyamine-macrocycles containing terpyridine units. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1052-1068.	18.8	82
18	Interaction of hexaazaalkanes with phosphate type anions. Thermodynamic, kinetic, and electrochemical considerations. <i>Inorganic Chemistry</i> , 1993, 32, 3418-3424.	4.0	78

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19	Oxalato and squarate ligands in nickel(II) complexes of tetraazacycloalkanes. Solution and solid-state studies. Crystal and molecular structures of (.mu.-oxalato)bis[(1,7-dimethyl-1,4,7,10-tetraazacyclododecane)nickel(II)] perchlorate dihydrate and of bis[di aquo(1,4,7,10-tetraazacyclododecane)nickel(II)] squarate diperchlorate. <i>Inorganic Chemistry</i> , 1990, 29, 863-870.	4.0	74
20	Affinity and nuclease activity of macrocyclic polyamines and their CuI complexes. <i>Chemistry - A European Journal</i> , 2000, 6, 4001-4008.	3.3	72
21	Thermodynamics of Anion-π Interactions in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2013, 135, 102-105.	13.7	71
22	Potential ATPase mimics by polyammonium macrocycles: Criteria for catalytic activity. <i>Bioorganic Chemistry</i> , 1992, 20, 8-29.	4.1	69
23	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.	4.0	66
24	Effect of Protonation and Zn(II) Coordination on the Fluorescence Emission of a Phenanthroline-Containing Macrocyclic. An Unusual Case of a Nonemissive Zn(II) Complex. <i>Inorganic Chemistry</i> , 1999, 38, 3806-3813.	4.0	66
25	Proton and Cu(II) binding to tren-based tris-macrocycles. Affinity towards nucleic acids and nuclease activity. <i>Dalton Transactions</i> , 2003, , 793-800.	3.3	64
26	Thermodynamic and structural aspects of manganese(II) complexes with polyaminopolycarboxylic ligands based upon 1,4,7,10-tetraazacyclododecane (cyclen). Crystal structure of dimeric [MnL]2·2CH3OH containing the new ligand 1,4,7,10-tetraazacyclododecane-1,4-diacetate. <i>Dalton Transactions RSC</i> , 2001, , 917-922.	2.3	62
27	Polynuclear zinc(II) complexes with large polyazacycloalkanes. 2. Equilibrium studies and crystal structure of the binuclear complex [Zn2LCl2](Cl)ClO4·nH2O (L = 1,4,7,10-tetraazacyclododecane). <i>Inorganic Chemistry</i> , 1999, 38, 3806-3813.	4.0	66
28	Thermodynamic study of the formation in aqueous solution of cadmium(II) complexes with polyazacycloalkanes. Synthesis and crystal structure of the dicadmium(II) complex Na[Cd2(L)Cl2](ClO4)3 (L = 1,4,7,10,13,16,19,22,25,28-decaazacyclotriacontane). <i>Inorganic Chemistry</i> , 1989, 28, 347-351.	4.0	60
29	Thermodynamic and structural aspects of transition metal compounds. Polynuclear complexes of aza-macrocycles. <i>Coordination Chemistry Reviews</i> , 1992, 120, 51-85.	18.8	59
30	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.	4.0	59
31	Iodide and triiodide anion complexes involving anion-π interactions with a tetrazine-based receptor. <i>Dalton Transactions</i> , 2017, 46, 4518-4529.	3.3	56
32	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.	13.7	55
33	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.	4.0	55
34	Carboxy and Diphosphate Ester Hydrolysis Promoted by Dinuclear Zinc(II) Macrocyclic Complexes. Role of Zn(II)-Bound Hydroxide as the Nucleophilic Function. <i>Inorganic Chemistry</i> , 1999, 38, 6323-6325.	4.0	55
35	Molecular Recognition of Long Dicarboxylate/Dicarboxylic Species via Supramolecular/Coordination Interactions with Ditopic Receptors. Crystal Structure of {[Cu2L(H2O)2]·Pimelate}(ClO4)2. <i>Inorganic Chemistry</i> , 1999, 38, 620-621.	4.0	55
36	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. <i>Inorganic Chemistry</i> , 2001, 40, 2968-2975.	4.0	55

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37	Anion Binding by Protonated Forms of the Tripodal Ligand Tren. <i>Inorganic Chemistry</i> , 2009, 48, 2391-2398.	4.0	54
38	Thermodynamics of sulfate anion binding by macrocyclic polyammonium receptors. <i>Perkin Transactions II RSC</i> , 2001, , 1765-1770.	1.1	53
39	The Use of Calculated Species Distribution Diagrams to Analyze Thermodynamic Selectivity. <i>Journal of Chemical Education</i> , 1999, 76, 1727.	2.3	52
40	Synthesis and Ligational Properties of Two New Binucleating Oxa-Aza Macrocyclic Receptors. <i>Inorganic Chemistry</i> , 1995, 34, 5622-5631.	4.0	50
41	Anion- π and lone pair- π interactions with s-tetrazine-based ligands. <i>Coordination Chemistry Reviews</i> , 2019, 397, 112-137.	18.8	50
42	Supramolecular interaction between adenosine 5'-triphosphate (ATP) and polycharged tetraazamacrocycles. Thermodynamic and ^{31}P NMR studies. <i>Inorganica Chimica Acta</i> , 1988, 151, 269-272.	2.4	49
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.	4.0	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	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 $[\text{Cu}_2(\text{L})\text{HCl}_2](\text{ClO}_4)_3 \cdot 4\text{H}_2\text{O}$. <i>Inorganic Chemistry</i> , 1987, 26, 1243-1247.	4.0	48
46	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.	4.1	48
47	Addressing selectivity criteria in binding equilibria. <i>Coordination Chemistry Reviews</i> , 2012, 256, 13-27.	18.8	48
48	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 $[\text{HL}][\text{Cl}] \cdot 3\text{H}_2\text{O}$ and of the lithium complex $[\text{LiL}][\text{BPh}_4]$. <i>Inorganic Chemistry</i> , 1989, 28, 4279-4284.	4.0	47
49	Interaction of "long" open-chain polyazaalkanes with hydrogen and copper(II) ions. <i>Inorganic Chemistry</i> , 1991, 30, 1843-1849.	4.0	47
50	Anion Complexes with Tetrazine-Based Ligands: Formation of Strong Anion- π Interactions in Solution and in the Solid State. <i>Inorganic Chemistry</i> , 2016, 55, 8013-8024.	4.0	47
51	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 http://www.rsc.org/suppdata/dt/b4/b403743j/ . <i>Dalton Transactions</i> , 2004, , 2180.	3.3	46
52	A zinc(II)-based receptor for ATP binding and hydrolysis. <i>Chemical Communications</i> , 2005, , 2630.	4.1	46
53	A synthetic hexapeptide designed to resemble a proteinaceous α -loop nest is shown to bind inorganic phosphate. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 1418-1424.	2.6	46
54	Dicopper(II) complex of the large polyazacycloalkane 1,4,7,10,13,16,19,22-octaazacyclotetracosane (bistrien). Synthesis, crystal structure, electrochemistry, and thermodynamics of formation. <i>Inorganic Chemistry</i> , 1985, 24, 1182-1187.	4.0	45

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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.	4.0	45
56	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]aneN ₉). <i>Inorganic Chemistry</i> , 1987, 26, 681-684.	4.0	42
57	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
58	Electrochemical studies on anion coordination chemistry. Application of the molar-ratio method to competitive cyclic voltammetry. <i>Analytical Chemistry</i> , 1993, 65, 3137-3142.	6.5	40
59	Polynuclear zinc (II) complexes with large polyazacycloalkanes. Equilibrium studies and crystal structure of the binuclear [Zn ₂ ([30]aneN ₁₀)(NCS)](ClO ₄) ₃ complex. <i>Inorganic Chemistry</i> , 1988, 27, 1104-1107.	4.0	39
60	Co-ordination tendency of [3k]aneN _k polyazacycloalkanes. Thermodynamic study of solution equilibria. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1171-1174.	1.1	39
61	Protonation tendencies of azaparacyclophanes. A thermodynamic and NMR study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 1253-1259.	0.9	39
62	Synthesis of Polyamine Macrocycles and Cryptands Incorporating Bipyridine and Phenanthroline Moieties. <i>Journal of Organic Chemistry</i> , 2000, 65, 7686-7689.	3.2	39
63	Macrocyclic Polyamines Containing Phenanthroline Moieties – Fluorescent Chemosensors for H ⁺ and Zn ²⁺ Ions. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1911-1918.	2.0	38
64	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 [H ₃ L(HgCl ₄)]·H ₂ O and [H ₃ L(HgBr ₄)]·H ₂ O Showing Anion-π Interactions. <i>Inorganic Chemistry</i> , 2010, 49, 9321-9332.	4.0	38
65	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 [Zn ₂ (μ-OH) ₂] ²⁺ Cluster. <i>Inorganic Chemistry</i> , 1995, 34, 3003-3010.	4.0	37
66	1,4,7,10,13,16,19-Heptaazacycloheptacosane. A large, potentially dinucleating polyazacycloalkane. Synthesis and equilibria between hydrogen and copper(II) ions. <i>Inorganic Chemistry</i> , 1985, 24, 3702-3704.	4.0	36
67	New Terpyridine-Containing Macrocyclic for the Assembly of Dimeric Zn(II) and Cu(II) Complexes Coupled by Bridging Hydroxide Anions and π-Stacking Interactions. <i>Inorganic Chemistry</i> , 2004, 43, 5134-5146.	4.0	36
68	Nickel(II) complexes of [3k]aneN _k polyazacycloalkanes (k = 7-12). Solution and solid-state studies. <i>Inorganic Chemistry</i> , 1989, 28, 3175-3181.	4.0	35
69	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
70	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
71	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.	3.2	32
72	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.	3.2	32

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73	Heptacoordination of manganese(II) by the polyazacycloalkane 1,4,7,10,13,16,19-heptaazacycloheneicosane, [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.	4.0	31
74	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 ₂ O)](BPh ₄) ₂ . <i>Inorganic Chemistry</i> , 1993, 32, 2753-2760.	4.0	31
75	Basicity and coordination properties of a new phenanthroline-based bis-macrocyclic receptor. <i>Dalton Transactions</i> , 2006, , 4000.	3.3	31
76	Synthesis, crystal structure, magnetic properties, and solution study of the complex μ -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
77	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.	4.0	30
78	Mono- and bi-nuclear copper(II) complexes of azaparacyclophanes with a single aromatic spacer. Crystal structure of [Cu ₂ L ₂ Cl ₄] \cdot 1.5H ₂ O (L ₂ = 2,5,8, 11-tetraaza[12]paracyclophane). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2995-3004.	1.1	30
79	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.	13.7	30
80	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.	3.3	29
81	Kinetic and equilibrium studies on the polyazamacrocycle neotetren: metal-complex formation and DNA interaction. <i>Dalton Transactions</i> , 2006, , 1524-1533.	3.3	29
82	An integrated approach to understanding the sorption mechanism of phenanthrene by cork. <i>Chemosphere</i> , 2013, 90, 1939-1944.	8.2	29
83	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 ₂ Cl]NO ₃ .cntdot.3H ₂ O and [Cu ₂ LCl ₂](BPh ₄)(ClO ₄).cntdot.CH ₃ CN. <i>Inorganic Chemistry</i> , 1995, 34, 552-559.	4.0	28
84	Anion coordination chemistry. Hexacyanoferrate(II) anion complexed by a large polycharged azacycloalkane. Potentiometric and electrochemical studies. <i>Inorganica Chimica Acta</i> , 1985, 102, L9-L11.	2.4	27
85	Synthesis of the new thia-aza cage 12,17-dimethyl-5-thia-1,9,12,17-tetraazabicyclo[7.5.5]nonadecane. Thermodynamic studies on protonation and copper(II) complex formation. <i>Inorganic Chemistry</i> , 1986, 25, 4379-4381.	4.0	27
86	1,10-Dimethyl-1,4,7,10,13,16-hexaazacyclooctadecane L and 1,4,7-trimethyl-1,4,7,10,13,16,19-heptaazacycloheneicosane L1: two new macrocyclic receptors for ATP binding. Synthesis, solution equilibria and the crystal structure of (H ₄ L)(ClO ₄) ₄ . <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 2367-2373.	0.9	27
87	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.	3.3	27
88	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.	3.3	27
89	Metal Ion Binding by a G-2 Poly(ethylene imine) Dendrimer. Ion-Directed Self-Assembling of Hierarchical Mono- and Two-Dimensional Nanostructured Materials. <i>Inorganic Chemistry</i> , 2013, 52, 2125-2137.	4.0	27
90	Construction of green nanostructured heterogeneous catalysts via non-covalent surface decoration of multi-walled carbon nanotubes with Pd(II) complexes of azamacrocycles. <i>Journal of Catalysis</i> , 2017, 353, 239-249.	6.2	27

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91	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 ₄) and [CuL]Br ₂ ·3H ₂ O. Inorganic Chemistry, 1990, 29, 3282-3286.	4.0	26
92	Affinity and Nuclease Activity of Macrocyclic Polyamines and Their Cu ^{II} Complexes. Chemistry - A European Journal, 2000, 6, 4001-4008.	3.3	26
93	Exploring the Photocatalytic Properties and the Long-Lifetime Chemosensor Ability of Cl ₂ [Ru(Bpy) ₂ L]	4.0	26
94	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.	3.6	26
95	New insights into the interactions between cork chemical components and pesticides. The contribution of π-π interactions, hydrogen bonding and hydrophobic effect. Chemosphere, 2015, 119, 863-870.	8.2	26
96	Proton inclusion properties of a new azamacrocycle. Synthesis, characterization and crystal structure of [H ₃ L][Cl] ₃ ·2H ₂ O (L =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (4,16-dimethyl-1,4,7,10,15-pentaazabicyclo[5.5.5]heptadecane)	3.7	26
97	Complexation Properties of Heteroditopic Cryptands towards Cu ²⁺ , Zn ²⁺ , Cd ²⁺ , and Pb ²⁺ in Aqueous Solution: Crystal Structures of [(H ₅ L ₁)(ClO ₄) ₅]·4H ₂ O and [(NiL ₂ Cl)Cl]·5.5H ₂ O·CH ₃ OH. European Journal of Inorganic Chemistry, 2000, 2000, 2111-2116.	2.0	25
98	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.	3.5	25
99	Formation of Double-Strand Dimetallic Helicates with a Terpyridine-Based Macrocyclic. Inorganic Chemistry, 2014, 53, 12215-12224.	4.0	25
100	Large polyazacycloalkanes: ligational properties and anion coordination chemistry. Pure and Applied Chemistry, 1988, 60, 525-532.	1.9	24
101	Anaerobic complexation of cobalt(II) by [3k]aneN _k (k = 7-12) polyazacycloalkanes. Inorganic Chemistry, 1989, 28, 2480-2482.	4.0	24
102	(PdCl ₄) ₂ inclusion into the deca-charged polyammonium receptor (H ₁₀ [30]aneN ₁₀) ₁₀ +·([30]aneN ₁₀) ₁₀ Tj ETQq0 0 0 rgBT /Overlock Communications, 1990, , 753-755.	2.0	24
103	Synthesis and characterization of an aza-cage behaving as a π-proton sponge™. Crystal structures of its mono- and tri-protonated species. Journal of the Chemical Society Perkin Transactions II, 1993, , 115-120.	0.9	24
104	Cleft-like hexamine ligands containing large heteroaromatic moieties as receptors for both anions and metal cations. Journal of Physical Organic Chemistry, 2001, 14, 432-443.	1.9	24
105	Metals in supramolecular chemistry. Inorganica Chimica Acta, 2014, 417, 3-26.	2.4	24
106	Halide and hydroxide anion binding in water. Dalton Transactions, 2018, 47, 3329-3338.	3.3	24
107	Tales of the Unexpected: The Case of Zirconium(IV) Complexes with Desferrioxamine. Molecules, 2019, 24, 2098.	3.8	24
108	myo-inositol hexakisphosphate: Coordinative versatility of a natural product. Coordination Chemistry Reviews, 2020, 419, 213403.	18.8	24

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109	Structural aspects of the protonation of small cages. Preparation of the new aza-cage 12,17-dimethyl-1,9,12,17-tetra-azabicyclo[7.5.5]nonadecane (L). Thermodynamic studies on solution equilibria. Crystal structures of [H ₂ L][CoCl ₄] and [H ₂ L1][CoCl ₄] salts. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, , 209-214.	0.9	23
110	Synthesis, characterization and basicity properties of two new oxa-aza macrobicyclic receptors. Crystal structure of a H_2O cryptate TM . <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 815-820.	0.9	23
111	Solution Study, Crystal Structure and Relaxivity Properties of a Gd ³⁺ Complex with an Uncharged Macrocyclic Ligand Bearing Four Amidic Side Arms. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1581-1584.	2.0	23
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