

Robert D Hancock

List of Publications by Year in descending order

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107
papers

6,816
citations

76196

40
h-index

66788

78
g-index

108
all docs

108
docs citations

108
times ranked

5435
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand design for selective complexation of metal ions in aqueous solution. <i>Chemical Reviews</i> , 1989, 89, 1875-1914.	23.0	1,089
2	Metal Complexes in Aqueous Solutions. , 1996, , .		409
3	The pyridyl group in ligand design for selective metal ion complexation and sensing. <i>Chemical Society Reviews</i> , 2013, 42, 1500-1524.	18.7	289
4	Metal ion recognition in ligands with negatively charged oxygen donor groups. Complexation of iron(III), gallium(III), indium(III), aluminum(III), and other highly charged metal ions. <i>Inorganic Chemistry</i> , 1989, 28, 2189-2195.	1.9	262
5	The Stereochemical activity or non-activity of the "Inert" pair of electrons on lead(II) in relation to its complex stability and structural properties. Some considerations in ligand design. <i>Inorganica Chimica Acta</i> , 1988, 154, 229-238.	1.2	232
6	Molecular mechanics calculations and metal ion recognition. <i>Accounts of Chemical Research</i> , 1990, 23, 253-257.	7.6	231
7	Chelate ring size and metal ion selection. The basis of selectivity for metal ions in open-chain ligands and macrocycles. <i>Journal of Chemical Education</i> , 1992, 69, 615.	1.1	206
8	Enhanced Metal Ion Selectivity of 2,9-Di-(pyrid-2-yl)-1,10-phenanthroline and Its Use as a Fluorescent Sensor for Cadmium(II). <i>Journal of the American Chemical Society</i> , 2008, 130, 1420-1430.	6.6	179
9	Molecular mechanics and crystallographic study of hole sizes in nitrogen-donor tetraaza macrocycles. <i>Journal of the American Chemical Society</i> , 1984, 106, 5947-5955.	6.6	157
10	Ligand design for complexation in aqueous solution. 1. Neutral oxygen donor bearing groups as a means of controlling size-based selectivity for metal ions. <i>Inorganic Chemistry</i> , 1989, 28, 187-194.	1.9	152
11	Possible Steric Control of the Relative Strength of Chelation Enhanced Fluorescence for Zinc(II) Compared to Cadmium(II): Metal Ion Complexing Properties of Tris(2-quinolylmethyl)amine, a Crystallographic, UV-Visible, and Fluorometric Study. <i>Inorganic Chemistry</i> , 2009, 48, 1407-1415.	1.9	144
12	The Chelate, Cryptate and Macrocyclic Effects. <i>Comments on Inorganic Chemistry</i> , 1988, 6, 237-284.	3.0	136
13	Structural Effects of the Lone Pair on Lead(II), and Parallels with the Coordination Geometry of Mercury(II). Does the Lone Pair on Lead(II) Form H-Bonds? Structures of the Lead(II) and Mercury(II) Complexes of the Pendant-Donor Macrocyclic DOTAM (1,4,7,10-Tetrakis(carbamoylmethyl)-1,4,7,10-tetraazacyclododecane). <i>Inorganic Chemistry</i> , 2004, 43, 2881-2887.	1.9	135
14	Anomalous metal ion size selectivity of tetraaza macrocycles. <i>Inorganic Chemistry</i> , 1985, 24, 3378-3381.	1.9	131
15	The Amide Oxygen as a Donor Group. Metal Ion Complexing Properties of Tetra-N-acetamide Substituted Cyclen: A Crystallographic, NMR, Molecular Mechanics, and Thermodynamic Study. <i>Journal of the American Chemical Society</i> , 1995, 117, 6698-6707.	6.6	113
16	Mechanism of "Turn-on" Fluorescent Sensors for Mercury(II) in Solution and Its Implications for Ligand Design. <i>Inorganic Chemistry</i> , 2012, 51, 10904-10915.	1.9	113
17	Affinity of the Highly Preorganized Ligand PDA (1,10-Phenanthroline-2,9-dicarboxylic acid) for Large Metal Ions of Higher Charge. A Crystallographic and Thermodynamic Study of PDA Complexes of Thorium(IV) and the Uranyl(VI) ion. <i>Inorganic Chemistry</i> , 2008, 47, 2000-2010.	1.9	99
18	Hard and Soft Acid-Base Behavior in Aqueous Solution: Steric Effects Make Some Metal Ions Hard: A Quantitative Scale of Hardness-Softness for Acids and Bases. <i>Journal of Chemical Education</i> , 1996, 73, 654.	1.1	93

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19	Origin of the high ligand field strength and macrocyclic enthalpy in complexes of nitrogen-donor macrocycles. <i>Journal of the American Chemical Society</i> , 1984, 106, 3198-3207.	6.6	84
20	Metal ion recognition in aqueous solution by highly preorganized non-macrocyclic ligands. <i>Coordination Chemistry Reviews</i> , 2007, 251, 1678-1689.	9.5	81
21	Ligand design for complexation in aqueous solution. 2. Chelate ring size as a basis for control of size-based selectivity for metal ions. <i>Inorganic Chemistry</i> , 1990, 29, 1968-1974.	1.9	72
22	Complexes of Greatly Enhanced Thermodynamic Stability and Metal Ion Size-Based Selectivity, Formed by the Highly Preorganized Non-Macrocyclic Ligand 1,10-Phenanthroline-2,9-dicarboxylic Acid. A Thermodynamic and Crystallographic Study. <i>Inorganic Chemistry</i> , 2006, 45, 9306-9314.	1.9	72
23	Parametric correlation of formation constants in aqueous solution. 2. Ligands with large donor atoms. <i>Inorganic Chemistry</i> , 1980, 19, 2709-2714.	1.9	71
24	Molecular Mechanics Calculations as a Tool in Coordination Chemistry. <i>Progress in Inorganic Chemistry</i> , 0, , 187-291.	3.0	70
25	N,N',N'',N'''-Tetrakis(2-hydroxyethyl)cyclam a nitrogen-donor macrocycle with rapid metalation reactions. <i>Inorganic Chemistry</i> , 1984, 23, 1487-1489.	1.9	66
26	A fluorescent ligand rationally designed to be selective for zinc(II) over larger metal ions. The structures of the zinc(II) and cadmium(II) complexes of N,N-bis(2-methylquinoline)-2-(2-aminoethyl)pyridine. <i>Inorganica Chimica Acta</i> , 2005, 358, 3958-3966.	1.2	64
27	Strong Metal Ion Size Based Selectivity of the Highly Preorganized Ligand PDA (1,10-Phenanthroline-2,9-dicarboxylic Acid) with Trivalent Metal Ions. A Crystallographic, Fluorometric, and Thermodynamic Study. <i>Inorganic Chemistry</i> , 2009, 48, 7853-7863.	1.9	61
28	Synthesis, stability and structure of the complex of bismuth(III) with the nitrogen-donor macrocycle 1,4,7,10-tetraazacyclododecane. The role of the lone pair on bismuth(III) and lead(II) in determining co-ordination geometry. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 901-908.	1.1	60
29	Role of Fluorophoreâ€“Metal Interaction in Photoinduced Electron Transfer (PET) Sensors: Time-Dependent Density Functional Theory (TDDFT) Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 13345-13355.	1.1	59
30	Metal ion selectivities of the highly preorganized tetradentate ligand 1,10-phenanthroline-2,9-dicarboxamide with lanthanide(III) ions and some actinide ions. <i>Radiochimica Acta</i> , 2011, 99, 161-166.	0.5	58
31	Stability of ammonia complexes that are unstable to hydrolysis in water. <i>Inorganic Chemistry</i> , 1985, 24, 3076-3080.	1.9	52
32	The affinity of bismuth(III) for nitrogen-donor ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2895.	1.1	51
33	Complexation of Metal Ions, Including Alkali-Earth and Lanthanide(III) Ions, in Aqueous Solution by the Ligand 2,2'â€“,6'â€“,2'â€“-Terpyridyl. <i>Inorganic Chemistry</i> , 2011, 50, 2764-2770.	1.9	51
34	The effect of chelate ring size on metal ion size-based selectivity in polyamine ligands containing pyridyl and saturated nitrogen donor groups. <i>Analytica Chimica Acta</i> , 1995, 312, 307-321.	2.6	49
35	Parametric correlation of formation constants in aqueous solution. 1. Ligands with small donor atoms. <i>Inorganic Chemistry</i> , 1978, 17, 560-564.	1.9	48
36	Unusual Metal Ion Selectivities of the Highly Preorganized Tetradentate Ligand 1,10-Phenanthroline-2,9-dicarboxamide: A Thermodynamic and Fluorescence Study. <i>Inorganic Chemistry</i> , 2011, 50, 8348-8355.	1.9	46

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37	Effect of cyclohexylene bridges on the metal ion size based selectivity of ligands in aqueous solution. <i>Inorganic Chemistry</i> , 1991, 30, 3525-3529.	1.9	45
38	Some correlations involving the stability of complexes of transuranium metal ions and ligands with negatively charged oxygen donors. <i>Inorganica Chimica Acta</i> , 1991, 182, 229-232.	1.2	45
39	Mechanism of chelation enhanced fluorescence in complexes of cadmium(ii), and a possible new type of anion sensor. <i>Chemical Communications</i> , 2013, 49, 9749.	2.2	45
40	Empirical force-field calculations of strain-energy contributions to the thermodynamics of complex formation. Part 1. The difference in stability between complexes containing five- and six-membered chelate rings. <i>Journal of the Chemical Society Dalton Transactions</i> , 1978, , 1438.	1.1	44
41	Empirical force field calculations of strain-energy contributions to the thermodynamics of complex formation. 3. Chelate effect in complexes of polyamines. <i>Inorganic Chemistry</i> , 1979, 18, 2847-2852.	1.9	43
42	Possible Role of Relativistic Effects in the Plasticity of the Coordination Geometry of Cadmium(II). A Voltammetric Study of the Stability of the Complexes of Cadmium(II) with 12-Crown-4,15-Crown-5 and 18-Crown-6 in Aqueous Solution and the Structures of [Cd(benzo-18-crown-6)(NCS) ₂] and [K(18-crown-6)][Cd(SCN) ₃]. <i>Inorganic Chemistry</i> , 2004, 43, 4456-4463.	1.9	42
43	Highly Preorganized Ligand 1,10-Phenanthroline-2,9-dicarboxylic Acid for the Selective Recovery of Uranium from Seawater in the Presence of Competing Vanadium Species. <i>Inorganic Chemistry</i> , 2016, 55, 10818-10829.	1.9	42
44	Metal Ion Complexing Properties of the Highly Preorganized Ligand 2,9-bis(Hydroxymethyl)-1,10-phenanthroline: A Crystallographic and Thermodynamic Study. <i>Inorganic Chemistry</i> , 2008, 47, 10342-10348.	1.9	40
45	Critical Review Approaches to Predicting Stability Constants A Critical Review. <i>Analyst</i> , The, 1997, 122, 51R-58R.	1.7	39
46	Factors Controlling Metal-Ion Selectivity in the Binding Sites of Calcium-Binding Proteins. The Metal-Binding Properties of Amide Donors. A Crystallographic and Thermodynamic Study. <i>Inorganic Chemistry</i> , 2005, 44, 8495-8502.	1.9	39
47	The chelate effect: a simple quantitative approach. <i>Journal of the Chemical Society Dalton Transactions</i> , 1976, , 1096.	1.1	38
48	The Effect of π Contacts between Metal Ions and Fluorophores on the Fluorescence of PET Sensors: Implications for Sensor Design for Cations and Anions. <i>Inorganic Chemistry</i> , 2014, 53, 9014-9026.	1.9	38
49	Density Functional Theory-Based Prediction of the Formation Constants of Complexes of Ammonia in Aqueous Solution: Indications of the Role of Relativistic Effects in the Solution Chemistry of Gold(I). <i>Inorganic Chemistry</i> , 2005, 44, 7175-7183.	1.9	34
50	Complexation of Metal Ions of Higher Charge by the Highly Preorganized Tetradentate Ligand 2,9-Bis(hydroxymethyl)-1,10-Phenanthroline. A Crystallographic and Thermodynamic Study. <i>Inorganic Chemistry</i> , 2009, 48, 8201-8209.	1.9	33
51	Do Nonbonded H-H Interactions in Phenanthrene Stabilize It Relative to Anthracene? A Possible Resolution to this Question and Its Implications for Ligands such as 2,2'-Bipyridyl. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8572-8583.	1.1	33
52	Selectivity of the Highly Preorganized Tetradentate Ligand 2,9-Di(pyrid-2-yl)-1,10-phenanthroline for Metal Ions in Aqueous Solution, Including Lanthanide(III) Ions and the Uranyl(VI) Cation. <i>Inorganic Chemistry</i> , 2013, 52, 15-27.	1.9	33
53	Amidoximes as ligand functionalities for braided polymeric materials for the recovery of uranium from seawater. <i>Polyhedron</i> , 2016, 109, 81-91.	1.0	33
54	Relationship between Lewis acid-base behavior in the gas phase and in aqueous solution. 1. Role of inductive, polarizability, and steric effects in amine ligands. <i>Inorganic Chemistry</i> , 1983, 22, 2531-2535.	1.9	31

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55	Spectroscopic, structural, and thermodynamic aspects of the stereochemically active lone pair on lead(II): Structure of the lead(II) dota complex. <i>Polyhedron</i> , 2015, 91, 120-127.	1.0	31
56	Prediction of formation constants of metal-ammonia complexes in aqueous solution using density functional theory calculations. <i>Chemical Communications</i> , 2004, , 534-535.	2.2	28
57	N ₂ S ₂ Ni Metallodithiolate Complexes as Ligands: Structural and Aqueous Solution Quantitative Studies of the Ability of Metal Ions to Form M ²⁺ S ²⁻ Ni Bridges to Mercapto Groups Coordinated to Nickel(II). Implications for Acetyl Coenzyme A Synthase. <i>Inorganic Chemistry</i> , 2005, 44, 875-883.	1.9	28
58	Control of Metal Ion Size-Based Selectivity through Chelate Ring Geometry. Metal Ion Complexing Properties of 2,2-Biimidazole. <i>Inorganic Chemistry</i> , 2010, 49, 5033-5039.	1.9	27
59	Complexation of Am(III) and Nd(III) by 1,10-Phenanthroline-2,9-Dicarboxylic Acid. <i>Journal of Solution Chemistry</i> , 2013, 42, 211-225.	0.6	27
60	The stability of nickel(II) complexes of tetra-aza macrocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 1877-1880.	1.1	26
61	Study of protonation of 1,4,7-tris(2-hydroxyethyl)-1,4,7-triazacyclononane, and its complexes with metal ions, by crystallography, polarography, potentiometry, molecular mechanics and NMR. <i>Inorganica Chimica Acta</i> , 1996, 246, 159-169.	1.2	26
62	The amide oxygen donor. Metal ion coordinating properties of the ligand nitrilotriacetamide. A thermodynamic and crystallographic study. <i>Dalton Transactions</i> , 2006, , 2001.	1.6	25
63	Metal Ion Complexing Properties of Dipyridoacridine, a Highly Preorganized Tridentate Homologue of 1,10-Phenanthroline. <i>Inorganic Chemistry</i> , 2011, 50, 3785-3790.	1.9	25
64	Complexation of Bi(III) by nitrogen donor ligands. A polarographic study. <i>Polyhedron</i> , 1995, 14, 1699-1707.	1.0	24
65	Synthesis and structure of a complex of bismuth(III) with a nitrogen donor macrocycle. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2365.	2.0	24
66	Density Functional Theory-Based Prediction of Some Aqueous-Phase Chemistry of Superheavy Element 111. Roentgenium(I) Is the 'Softest' Metal Ion. <i>Inorganic Chemistry</i> , 2006, 45, 10780-10785.	1.9	23
67	Quantifying the binding strength of salicylaldoxime-uranyl complexes relative to competing salicylaldoxime-transition metal ion complexes in aqueous solution: a combined experimental and computational study. <i>Dalton Transactions</i> , 2016, 45, 9051-9064.	1.6	23
68	Metal-Ion Selectivity Produced by C-Alkyl Substituents on the Bridges of Chelating Ligands: The Importance of Short H...H Nonbonded van der Waals Contacts in Controlling Metal-Ion Selectivity. A Thermodynamic, Molecular Mechanics, and Crystallographic Study. <i>Inorganic Chemistry</i> , 2007, 46, 4749-4757.	1.9	22
69	Metal-Ion-Complexing Properties of 2-(Pyridin-2-yl)-1,10-phenanthroline, a More Preorganized Analogue of Terpyridyl. A Crystallographic, Fluorescence, and Thermodynamic Study. <i>Inorganic Chemistry</i> , 2012, 51, 3007-3015.	1.9	22
70	Stability of the complex of nickel(II) with cyclam. <i>Inorganica Chimica Acta</i> , 1989, 160, 245-248.	1.2	21
71	The structure of the 11-coordinate barium complex of the pendant-donor macrocycle 1,4,7,10-tetrakis(carbamoylmethyl)-1,4,7,10-tetraazacyclododecane: an analysis of the coordination numbers of barium(II) in its complexes. <i>Inorganica Chimica Acta</i> , 2004, 357, 723-727.	1.2	20
72	Determination of formation constants for complexes of very high stability: log ¹⁴ for the [Pd(CN) ₄] ²⁻ ion. <i>Inorganica Chimica Acta</i> , 2005, 358, 4473-4480.	1.2	19

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73	A thermodynamic and crystallographic study of complexes of the highly preorganized ligand 8-hydroxyquinoline-2-carboxylic acid. <i>Inorganica Chimica Acta</i> , 2008, 361, 1937-1946.	1.2	18
74	Chelate ring geometry, and the metal ion selectivity of macrocyclic ligands. Some recent developments. <i>Supramolecular Chemistry</i> , 1996, 6, 401-407.	1.5	17
75	Structure of the copper(II) complex of the reinforced ligand N,N'-bis(trans-2-hydroxycyclohexyl)-trans-cyclohexane-1,2-diamine and the metal-ion-size-based selectivity produced by cyclohexanedyl bridges. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 2831-2836.	1.1	17
76	Complexes of the highly preorganized ligand PDALC (2,9-bis(hydroxymethyl)-1,10-phenanthroline) with trivalent lanthanides. A thermodynamic and crystallographic study. <i>Inorganica Chimica Acta</i> , 2010, 363, 3694-3699.	1.2	17
77	Effects of anion coordination on the fluorescence of a photo-induced electron transfer (PET) sensor complexed with metal ions. <i>Polyhedron</i> , 2017, 130, 47-57.	1.0	17
78	Affinity of lanthanoid(III) ions for nitrogen-donor ligands in aqueous solution. <i>Journal of the Chemical Society Dalton Transactions</i> , 1979, , 1384.	1.1	16
79	Structure and stability of complexes of macrocyclic ligands bearing 2-hydroxycyclohexyl groups. Structure of the copper(II) complex of 1-(2-hydroxycyclohexyl)-1,4,7,10-tetraazacyclododecane and the strontium(II) complex of 7,16-bis(2-hydroxycyclohexyl)-1,4,10,13-tetraoxa-7,16-diazacyclooctadecane. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 939-944.	1.1	16
80	Complexation of Mercury(I) and Mercury(II) by 18-Crown-6: Hydrothermal Synthesis of the Mercuric Nitrite Complex. <i>Inorganic Chemistry</i> , 2009, 48, 11724-11733.	1.9	16
81	Controlling the Fluorescence Response of PET Sensors via the Metal-Ion π -Contacting Ability of the Fluorophore: Coumarin, a Weaker π Contacter. <i>Inorganic Chemistry</i> , 2015, 54, 9976-9988.	1.9	15
82	THE EFFECT OF NON-COORDINATED CHARGED GROUPS ON THE STABILITY OF COMPLEXES IN AQUEOUS SOLUTION. THE STABILITY OF COMPLEXES OF 2,3-DIHYDROXYNAPHTHALENE-6-SULFONIC ACID. <i>Journal of Coordination Chemistry</i> , 1984, 13, 143-151.	0.8	14
83	Strategies for a fluorescent sensor with receptor and fluorophore designed for the recognition of heavy metal ions. <i>Inorganica Chimica Acta</i> , 2020, 499, 119181.	1.2	14
84	Crystal structure of the Ni(ClO ₄) ₂ complex of the mixed donor macrocycle, 9-ane N ₂ O: Resolution of disorder by force-field calculation. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1984, 14, 261-268.	0.3	13
85	A DFT study of the affinity of lanthanide and actinide ions for sulfur-donor and nitrogen-donor ligands in aqueous solution. <i>Inorganica Chimica Acta</i> , 2013, 396, 101-107.	1.2	13
86	Fluorescence and Metal-Binding Properties of the Highly Preorganized Tetradentate Ligand 2,2'-Bi-1,10-phenanthroline and Its Remarkable Affinity for Cadmium(II). <i>Inorganic Chemistry</i> , 2020, 59, 13117-13127.	1.9	13
87	SOME FACTORS INFLUENCING THE STABILITY OF COMPLEXES WITH LIGANDS CONTAINING NEUTRAL OXYGEN DONOR LIGANDS, INCLUDING CROWN ETHERS. <i>Journal of Coordination Chemistry</i> , 1984, 13, 309-314.	0.8	12
88	The Affinity of Gallium(III) and Indium(III) for Nitrogen Donor Ligands. <i>Journal of Coordination Chemistry</i> , 1991, 23, 221-232.	0.8	12
89	The Affinity of Plutonium(IV) for Nitrogen Donor Ligands. <i>Radiochimica Acta</i> , 1994, 64, 15-22.	0.5	11
90	THE AFFINITY OF THE VANADYL(IV) ION FOR NITROGEN DONOR LIGANDS. <i>Journal of Coordination Chemistry</i> , 1994, 31, 135-146.	0.8	11

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91	A DFT analysis of the effect of chelate ring size on metal ion selectivity in complexes of polyamine ligands. <i>Polyhedron</i> , 2013, 52, 284-293.	1.0	11
92	Evidence for Participation of 4f and 5d Orbitals in Lanthanide Metal-Ligand Bonding and That Y(III) Has Less of This Complex-Stabilizing Ability. A Thermodynamic, Spectroscopic, and DFT Study of Their Complexation by the Nitrogen Donor Ligand TPEN. <i>Inorganic Chemistry</i> , 2022, 61, 4627-4638.	1.9	11
93	EVALUATION OF A DIETHANOLAMINE CHELATING RESIN USING TWO-PHASE POTENTIOMETRY. <i>Solvent Extraction and Ion Exchange</i> , 1995, 13, 591-611.	0.8	10
94	Complexation of lanthanides and other metal ions by the polypyridyl ligand quaterpyridine: Relation between metal ion size, chelate ring size, and complex stability. <i>Inorganica Chimica Acta</i> , 2019, 488, 19-27.	1.2	10
95	The Chelate, Macrocyclic, and Cryptate Effects. <i>ACS Symposium Series</i> , 1994, , 240-254.	0.5	9
96	The Affinity of Indium(III) for Nitrogen-donor Ligands in Aqueous Solution. A Study of the Complexing of Indium(III) with Polyamines by Differential Pulse Voltammetry, Density Functional Theory, and Crystallography. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 386-396.	0.3	9
97	Structural, molecular mechanics, and DFT study of cadmium(II) in its crown ether complexes with axially coordinated ligands, and of the binding of thiocyanate to cadmium(II). <i>Inorganica Chimica Acta</i> , 2009, 362, 1122-1128.	1.2	9
98	Exciplex Formation and Aggregation Induced Emission in Di-N-benzylcyclen and Its Complexes - Selective Fluorescence with Lead(II), and as the Cadmium(II) Complex, with the Chloride Ion. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3736-3747.	1.0	9
99	Pulse polarography study of the complexes of lead with azacrown [2,2,2]cryptand in the presence of an excess of competing sodium ion. <i>Electroanalysis</i> , 1995, 7, 763-769.	1.5	8
100	Indole-based fluorescence sensors for both cations and anions. <i>Inorganica Chimica Acta</i> , 2018, 482, 478-490.	1.2	8
101	Affinity of two highly preorganized ligands for the base metal ions Co(II), Ni(II) and Cu(II): A thermodynamic, crystallographic and fluorometric study. <i>Polyhedron</i> , 2012, 46, 139-148.	1.0	7
102	Exciplex formation as an approach to selective Copper(II) fluorescent sensors. <i>Inorganica Chimica Acta</i> , 2020, 506, 119544.	1.2	6
103	Mono-N-benzyl cyclen: A highly selective, multi-functional -fluorescence sensor for Pb ²⁺ , Hg ²⁺ and Zn ²⁺ . <i>Polyhedron</i> , 2020, 179, 114366.	1.0	6
104	Two Ligands of Interest in Recovering Uranium from the Oceans: The Correct Formation Constants of the Uranyl(VI) Cation with 2,2'-Bipyridyl-6,6'-dicarboxylic Acid and 1,10-Phenanthroline-2,9-dicarboxylic Acid. <i>Inorganic Chemistry</i> , 2022, 61, 9960-9967.	1.9	6
105	Metal Ion Coordinating Properties of the Highly Preorganized Tetradentate Ligand 1,10-Phenanthroline-2,9-dicarboxaldehyde-2,9-dioxime. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2706-02711.	1.0	5
106	Hydroxo-bridged dinuclear cobalt(II) complexes of OBISDIEN and OBISTREN as oxygen carriers. <i>Supramolecular Chemistry</i> , 1996, 6, 333-340.	1.5	4
107	A study of the complexes of Hg(II) with polypyridyl ligands by Fluorescence, absorbance Spectroscopy, and DFT calculations. The effect of ligand preorganization and relativistic effects on complex stability. <i>Inorganica Chimica Acta</i> , 2022, 530, 120670.	1.2	3