Robert D Hancock

List of Publications by Year
in descending order

107 papers	6,816 citations	76326 40 h-index	66911 78 g-index
108 all docs	108 docs citations	108 times ranked	5435 citing authors

#	Article	IF	Citations
1	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. Inorganica Chimica Acta, 2022, 530, 120670.	2.4	3
2	Evidence for Participation of 4f and 5d Orbitals in Lanthanide Metalâ€“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. Inorganic Chemistry, 2022, 61, 4627-4638.	4.0	11
3	Two Ligands of Interest in Recovering Uranium from the Oceans: The Correct Formation Constants of the Uranyl(VI) Cation with 2,2â€²-Bipyridyl-6,6â€²-dicarboxylic Acid and 1,10-Phenanthroline-2,9-dicarboxylic Acid. Inorganic Chemistry, 2022, 61, 9960-9967.	4.0	6
4	Strategies for a fluorescent sensor with receptor and fluorophore designed for the recognition of heavy metal ions. Inorganica Chimica Acta, 2020, 499, 119181.	2.4	14
5	Fluorescence and Metal-Binding Properties of the Highly Preorganized Tetradentate Ligand 2,2â€²-Bi-1,10-phenanthroline and Its Remarkable Affinity for Cadmium(II). Inorganic Chemistry, 2020, 59, 13117-13127.	4.0	13
6	Exciplex formation as an approach to selective Copper(II) fluorescent sensors. Inorganica Chimica Acta, 2020, 506, 119544.	2.4	6
7	Mono-N-benzyl cyclen: A highly selective, multi-functional â€œturn-onâ€• fluorescence sensor for Pb2+, Hg2+ and Zn2+. Polyhedron, 2020, 179, 114366.	2.2	6
8	Complexation of lanthanides and other metal ions by the polypyridyl ligand quaterpyridine: Relation between metal ion size, chelate ring size, and complex stability. Inorganica Chimica Acta, 2019, 488, 19-27.	2.4	10
9	Indole-based fluorescence sensors for both cations and anions. Inorganica Chimica Acta, 2018, 482, 478-490.	2.4	8
10	Exciplex Formation and Aggregation Induced Emission in Diâ€•(<i>N</i>â€•benzyl)cyclen and Its Complexes â€“ Selective Fluorescence with Lead(II), and as the Cadmium(II) Complex, with the Chloride Ion. European Journal of Inorganic Chemistry, 2018, 2018, 3736-3747.	2.0	9
11	Effects of anion coordination on the fluorescence of a photo-induced electron transfer (PET) sensor complexed with metal ions. Polyhedron, 2017, 130, 47-57.	2.2	17
12	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. Inorganic Chemistry, 2016, 55, 10818-10829.	4.0	42
13	Amidoximes as ligand functionalities for braided polymeric materials for the recovery of uranium from seawater. Polyhedron, 2016, 109, 81-91.	2.2	33
14	Quantifying the binding strength of salicylaldoximeâ€“uranyl complexes relative to competing salicylaldoximeâ€“transition metal ion complexes in aqueous solution: a combined experimental and computational study. Dalton Transactions, 2016, 45, 9051-9064.	3.3	23
15	Spectroscopic, structural, and thermodynamic aspects of the stereochemically active lone pair on lead(II): Structure of the lead(II) dota complex. Polyhedron, 2015, 91, 120-127.	2.2	31
16	Controlling the Fluorescence Response of PET Sensors via the Metal-Ion Ï€-Contacting Ability of the Fluorophore: Coumarin, a Weaker Ï€ Contacter. Inorganic Chemistry, 2015, 54, 9976-9988.	4.0	15
17	The Effect of Ï€ Contacts between Metal Ions and Fluorophores on the Fluorescence of PET Sensors: Implications for Sensor Design for Cations and Anions. Inorganic Chemistry, 2014, 53, 9014-9026.	4.0	38
18	Mechanism of chelation enhanced fluorescence in complexes of cadmium(ii), and a possible new type of anion sensor. Chemical Communications, 2013, 49, 9749.	4.1	45

#	Article	IF	Citations
19	A DFT study of the affinity of lanthanide and actinide ions for sulfur-donor and nitrogen-donor ligands in aqueous solution. Inorganica Chimica Acta, 2013, 396, 101-107.	2.4	13
20	Role of Fluorophoreâ€"Metal Interaction in Photoinduced Electron Transfer (PET) Sensors: Time-Dependent Density Functional Theory (TDDFT) Study. Journal of Physical Chemistry A, 2013, 117, 13345-13355.	2.5	59
21	A DFT analysis of the effect of chelate ring size on metal ion selectivity in complexes of polyamine ligands. Polyhedron, 2013, 52, 284-293.	2.2	11
22	The pyridyl group in ligand design for selective metal ion complexation and sensing. Chemical Society Reviews, 2013, 42, 1500-1524.	38.1	289
23	Complexation of Am(III) and Nd(III) by 1,10-Phenanthroline-2,9-Dicarboxylic Acid. Journal of Solution Chemistry, 2013, 42, 211-225.	1.2	27
24	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. Inorganic Chemistry, 2013, 52, 15-27.	4.0	33
25	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 2,2â€²-Bipyridyl. Journal of Physical Chemistry A, 2012, 116, 8572-8583.	2.5	33
26	Affinity of two highly preorganized ligands for the base metal ions Co(II), Ni(II) and Cu(II): A thermodynamic, crystallographic and fluorometric study. Polyhedron, 2012, 46, 139-148.	2.2	7
27	Mechanism of â€œTurn-onâ€• Fluorescent Sensors for Mercury(II) in Solution and Its Implications for Ligand Design. Inorganic Chemistry, 2012, 51, 10904-10915.	4.0	113
28	Metal-Ion-Complexing Properties of 2-(Pyrid-2â€²-yl)-1,10-phenanthroline, a More Preorganized Analogue of Terpyridyl. A Crystallographic, Fluorescence, and Thermodynamic Study. Inorganic Chemistry, 2012, 51, 3007-3015.	4.0	22
29	Complexation of Metal Ions, Including Alkali-Earth and Lanthanide(III) Ions, in Aqueous Solution by the Ligand 2,2â€²,6â€²,2â€²â€²-Terpyridyl. Inorganic Chemistry, 2011, 50, 2764-2770.	4.0	51
30	Metal Ion Complexing Properties of Dipyridoacridine, a Highly Preorganized Tridentate Homologue of 1,10-Phenanthroline. Inorganic Chemistry, 2011, 50, 3785-3790.	4.0	25
31	Metal ion selectivities of the highly preorganized tetradentate ligand 1,10-phenanthroline-2,9-dicarboxamide with lanthanide(III) ions and some actinide ions. Radiochimica Acta, 2011, 99, 161-166.	1.2	58
32	Unusual Metal Ion Selectivities of the Highly Preorganized Tetradentrate Ligand 1,10-Phenanthroline-2,9-dicarboxamide: A Thermodynamic and Fluorescence Study. Inorganic Chemistry, 2011, 50, 8348-8355.	4.0	46
33	Metal Ion Coordinating Properties of the Highly Preorganized Tetradentate Ligand 1,10-Phenanthroline-2,9-dicarboxaldehyde-2,9-dioxime. European Journal of Inorganic Chemistry, 2011, 2011, 2706-02711.	2.0	5
34	Control of Metal Ion Size-Based Selectivity through Chelate Ring Geometry. Metal Ion Complexing Properties of 2,2â€²-Biimidazole. Inorganic Chemistry, 2010, 49, 5033-5039.	4.0	27
35	Complexes of the highly preorganized ligand PDALC (2,9-bis(hydroxymethyl)-1,10-phenanthroline) with trivalent lanthanides. A thermodynamic and crystallographic study. Inorganica Chimica Acta, 2010, 363, 3694-3699.	2.4	17
36	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). Inorganica Chimica Acta, 2009, 362, 1122-1128.	2.4	9

#	Article	IF	Citations
37	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. Inorganic Chemistry, 2009, 48, 7853-7863.	4.0	61
38	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, UVâˆ'Visible, and Fluorometric Study. Inorganic Chemistry, 2009, 48, 1407-1415.	4.0	144
39	Complexation of Mercury(I) and Mercury(II) by 18-Crown-6: Hydrothermal Synthesis of the Mercuric Nitrite Complex. Inorganic Chemistry, 2009, 48, 11724-11733.	4.0	16
40	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. Inorganic Chemistry, 2009, 48, 8201-8209.	4.0	33
41	A thermodynamic and crystallographic study of complexes of the highly preorganized ligand 8-hydroxyquinoline-2-carboxylic acid. Inorganica Chimica Acta, 2008, 361, 1937-1946.	2.4	18
42	Metal Ion Complexing Properties of the Highly Preorganized Ligand 2,9-bis(Hydroxymethyl)-1,10-phenanthroline: A Crystallographic and Thermodynamic Study. Inorganic Chemistry, 2008, 47, 10342-10348.	4.0	40
43	Enhanced Metal Ion Selectivity of 2,9-Di-(pyrid-2-yl)-1,10-phenanthroline and Its Use as a Fluorescent Sensor for Cadmium(II). Journal of the American Chemical Society, 2008, 130, 1420-1430.	13.7	179
44	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. Inorganic Chemistry, 2008, 47, 2000-2010.	4.0	99
45	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. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 386-396.	0.7	9
46	Metal ion recognition in aqueous solution by highly preorganized non-macrocyclic ligands. Coordination Chemistry Reviews, 2007, 251, 1678-1689.	18.8	81
47	Metal-Ion Selectivity Produced by C-Alkyl Substituents on the Bridges of Chelating Ligands:Â The Importance of Short Hâˆ'H Nonbonded van der Waals Contacts in Controlling Metal-Ion Selectivity. A Thermodynamic, Molecular Mechanics, and Crystallographic Study. Inorganic Chemistry, 2007, 46, 4749-4757.	4.0	22
48	The amide oxygen donor. Metal ion coordinating properties of the ligand nitrilotriacetamide. A thermodynamic and crystallographic study. Dalton Transactions, 2006, , 2001.	3.3	25
49	Density Functional Theory-Based Prediction of Some Aqueous-Phase Chemistry of Superheavy Element 111. Roentgenium(I) Is the â€˜Softest' Metal Ion. Inorganic Chemistry, 2006, 45, 10780-10785.	4.0	23
50	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. Inorganic Chemistry, 2006, 45, 9306-9314.	4.0	72
51	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. Inorganica Chimica Acta, 2005, 358, 3958-3966.	2.4	64
52	Determination of formation constants for complexes of very high stability: logÎ²4 for the [Pd(CN)4]2âˆ' ion. Inorganica Chimica Acta, 2005, 358, 4473-4480.	2.4	19
53	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. Inorganic Chemistry, 2005, 44, 8495-8502.	4.0	39
54	N2S2Ni Metallodithiolate Complexes as Ligands:Â Structural and Aqueous Solution Quantitative Studies of the Ability of Metal Ions to Form Mâˆ'Sâˆ'Ni Bridges to Mercapto Groups Coordinated to Nickel(II). Implications for Acetyl Coenzyme A Synthase. Inorganic Chemistry, 2005, 44, 875-883.	4.0	28

#	Article	IF	Citations
55	Density Functional Theory-Based Prediction of the Formation Constants of Complexes of Ammonia in Aqueous Solution:Â Indications of the Role of Relativistic Effects in the Solution Chemistry of Gold(I). Inorganic Chemistry, 2005, 44, 7175-7183.	4.0	34
56	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. Inorganica Chimica Acta, 2004, 357, 723-727.	2.4	20
57	Prediction of formation constants of metalâ€"ammonia complexes in aqueous solution using density functional theory calculations. Chemical Communications, 2004, , 534-535.	4.1	28
58	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 Macrocycle DOTAM (1,4,7,10-Tetrakis(carbamoylmethyl)-1,4,7,10-tetraazacyclododecane). Inorganic Chemistry, 2004, 43, 2981-2987.	4.0	135
59	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]. Inorganic Chemistry, 2004, 43, 4456-4463.	4.0	42
60	Structure of the copper(II) complex of the reinforced ligand N,Nâ€²-bis(trans-2-hydroxycyclohexyl)-trans-cyclohexane-1,2-diamine and the metal-ion-size-based selectivity produced by cyclohexanediyl bridgesâ€Š*. Journal of the Chemical Society Dalton Transactions, 1997, , 2831-2836.	1.1	17
61	Critical ReviewApproaches to Predicting Stability ConstantsA Critical Review. Analyst, The, 1997, 122, 51R-58R.	3.5	39
62	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. Journal of the Chemical Society Dalton Transactions, 1997, , 901-908.	1.1	60
63	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-diazacyclooctadec ane. Journal of the Chemical Society Dalton Transactions, 1997, , 939-944.	1.1	16
64	Chelate ring geometry, and the metal ion selectivity of macrocyclic ligands. Some recent developments. Supramolecular Chemistry, 1996, 6, 401-407.	1.2	17
65	Hydroxo-bridged dinuclear cobalt(II) complexes of OBISDIEN and OBISTREN as oxygen carriers. Supramolecular Chemistry, 1996, 6, 333-340.	1.2	4
66	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. Journal of Chemical Education, 1996, 73, 654.	2.3	93
67	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. Inorganica Chimica Acta, 1996, 246, 159-169.	2.4	26
68	Metal Complexes in Aqueous Solutions. , 1996, , .		409
69	The effect of chelate ring size on metal ion size-based selectivity in polyamine ligands containing pyridyl and saturated nitrogen donor groups. Analytica Chimica Acta, 1995, 312, 307-321.	5.4	49
70	Pulse polarography study of the complexes of lead with azacrown [2,2,2]cryptand in the presence of an excess of competing sodium ion. Electroanalysis, 1995, 7, 763-769.	2.9	8
71	Complexation of BiIII by nitrogen donor ligands. A polarographic study. Polyhedron, 1995, 14, 1699-1707.	2.2	24
72	EVALUATION OF A DIETHANOLAMINE CHELATING RESIN USING TWO-PHASE POTENTIOMETRY. Solvent Extraction and Ion Exchange, 1995, 13, 591-611.	2.0	10

#	Article	IF	Citations
73	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. Journal of the American Chemical Society, 1995, 117, 6698-6707.	13.7	113
74	Synthesis and structure of a complex of bismuth(III) with a nitrogen donor macrocycle. Journal of the Chemical Society Chemical Communications, 1995, , 2365.	2.0	24
75	The Affinity of Plutonium(IV) for Nitrogen Donor Ligands. Radiochimica Acta, 1994, 64, 15-22.	1.2	11
76	THE AFFINITY OF THE VANADYL(IV) ION FOR NITROGEN DONOR LIGANDS. Journal of Coordination Chemistry, 1994, 31, 135-146.	2.2	11
77	The Chelate, Macrocyclic, and Cryptate Effects. ACS Symposium Series, 1994, , 240-254.	0.5	9
78	The affinity of bismuth(III) for nitrogen-donor ligands. Journal of the Chemical Society Dalton Transactions, 1993, , 2895.	1.1	51
79	Chelate ring size and metal ion selection. The basis of selectivity for metal ions in open-chain ligands and macrocycles. Journal of Chemical Education, 1992, 69, 615.	2.3	206
80	Effect of cyclohexylene bridges on the metal ion size based selectivity of ligands in aqueous solution. Inorganic Chemistry, 1991, 30, 3525-3529.	4.0	45
81	Some correlations involving the stability of complexes of transuranium metal ions and ligands with negatively charged oxygen donors. Inorganica Chimica Acta, 1991, 182, 229-232.	2.4	45
82	The Affinity of Gallium(III) and Indium(III) for Nitrogen Donor Ligands. Journal of Coordination Chemistry, 1991, 23, 221-232.	2.2	12
83	Molecular mechanics calculations and metal ion recognition. Accounts of Chemical Research, 1990, 23, 253-257.	15.6	231
84	Ligand design for complexation in aqueous solution. 2. Chelate ring size as a basis for control of size-based selectivity for metal ions. Inorganic Chemistry, 1990, 29, 1968-1974.	4.0	72
85	Ligand design for selective complexation of metal ions in aqueous solution. Chemical Reviews, 1989, 89, 1875-1914.	47.7	1,089
86	Stability of the complex of nickel(II) with cyclam. Inorganica Chimica Acta, 1989, 160, 245-248.	2.4	21
87	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. Inorganic Chemistry, 1989, 28, 2189-2195.	4.0	262
88	Ligand design for complexation in aqueous solution. 1. Neutral oxygen donor bearing groups as a means of controlling size-based selectivity for metal ions. Inorganic Chemistry, 1989, 28, 187-194.	4.0	152
89	The Stereochemical activity or non-activity of the â€˜Inertâ€™ pair of electrons on lead(II) in relation to its complex stability and structural properties. Some considerations in ligand design. Inorganica Chimica Acta, 1988, 154, 229-238.	2.4	232
90	The Chelate, Cryptate and Macrocyclic Effects. Comments on Inorganic Chemistry, 1988, 6, 237-284.	5.2	136

#	Article	IF	Citations
91	The stability of nickel(II) complexes of tetra-aza macrocycles. Journal of the Chemical Society Dalton Transactions, 1985, , 1877-1880.	1.1	26
92	Stability of ammonia complexes that are unstable to hydrolysis in water. Inorganic Chemistry, 1985, 24, 3076-3080.	4.0	52
93	Anomalous metal ion size selectivity of tetraaza macrocycles. Inorganic Chemistry, 1985, 24, 3378-3381.	4.0	131
94	SOME FACTORS INFLUENCING THE STABILITY OF COMPLEXES WITH LIGANDS CONTAINING NEUTRAL OXYGEN DONOR LIGANDS, INCLUDING CROWN ETHERS. Journal of Coordination Chemistry, 1984, 13, 309-314.	2.2	12
95	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. Journal of Coordination Chemistry, 1984, 13, 143-151.	2.2	14
96	Crystal structure of the Ni(ClO4)2 complex of the mixed donor macrocycle, 9-ane N2O: Resolution of disorder by force-field calculation. Journal of Crystallographic and Spectroscopic Research, 1984, 14, 261-268.	0.2	13
97	N,N',N",N'''-Tetrabis(2-hydroxyethyl)cyclam a nitrogen-donor macrocycle with rapid metalation reactions. Inorganic Chemistry, 1984, 23, 1487-1489.	4.0	66
98	Molecular mechanics and crystallographic study of hole sizes in nitrogen-donor tetraaza macrocycles. Journal of the American Chemical Society, 1984, 106, 5947-5955.	13.7	157
99	Origin of the high ligand field strength and macrocyclic enthalpy in complexes of nitrogen-donor macrocycles. Journal of the American Chemical Society, 1984, 106, 3198-3207.	13.7	84
100	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. Inorganic Chemistry, 1983, 22, 2531-2535.	4.0	31
101	Parametric correlation of formation constants in aqueous solution. 2. Ligands with large donor atoms. Inorganic Chemistry, 1980, 19, 2709-2714.	4.0	71
102	Affinity of lanthanoid(III) ions for nitrogen-donor ligands in aqueous solution. Journal of the Chemical Society Dalton Transactions, 1979, , 1384.	1.1	16
103	Empirical force field calculations of strain-energy contributions to the thermodynamics of complex formation. 3. Chelate effect in complexes of polyamines. Inorganic Chemistry, 1979, 18, 2847-2852.	4.0	43
104	Parametric correlation of formation constants in aqueous solution. 1. Ligands with small donor atoms. Inorganic Chemistry, 1978, 17, 560-564.	4.0	48
105	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. Journal of the Chemical Society Dalton Transactions, 1978, , 1438.	1.1	44
106	The chelate effect: a simple quantitative approach. Journal of the Chemical Society Dalton Transactions, 1976, , 1096.	1.1	38
107	Molecular Mechanics Calculations as a Tool in Coordination Chemistry. Progress in Inorganic Chemistry, 0, , 187-291.	3.0	70