

# Vtor Flix

## List of Publications by Citations

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247  
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254  
ext. papers

7,571  
ext. citations

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L-index

#	Paper	IF	Citations
247	Halogen bonding in water results in enhanced anion recognition in acyclic and rotaxane hosts. <i>Nature Chemistry</i> , <b>2014</b> , 6, 1039-43	17.6	224
246	Novel Lanthanide Luminescent Materials Based on Complexes of 3-Hydroxypicolinic Acid and Silica Nanoparticles. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 100-108	9.6	216
245	Fluorescent charge-assisted halogen-bonding macrocyclic halo-imidazolium receptors for anion recognition and sensing in aqueous media. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 11533-41	16.4	186
244	A halogen-bonding catenane for anion recognition and sensing. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1876-80	16.4	179
243	meso-Substituted expanded porphyrins: new and stable hexaphyrins. <i>Chemical Communications</i> , <b>1999</b> , 385-386	5.8	170
242	A synthetic ion transporter that disrupts autophagy and induces apoptosis by perturbing cellular chloride concentrations. <i>Nature Chemistry</i> , <b>2017</b> , 9, 667-675	17.6	158
241	Chalcogen Bonding Macrocycles and [2]Rotaxanes for Anion Recognition. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3122-3133	16.4	148
240	Halogen bond anion templated assembly of an imidazolium pseudorotaxane. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5322-6	16.4	141
239	Metal complexes of cyclen and cyclam derivatives useful for medical applications: a discussion based on thermodynamic stability constants and structural data. <i>Dalton Transactions</i> , <b>2007</b> , 2734-45	4.3	136
238	A Chiral Halogen-Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 584-588	16.4	115
237	Anion Recognition in Water by Charge-Neutral Halogen and Chalcogen Bonding Foldamer Receptors. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 4119-4129	16.4	107
236	Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. <i>Chemical Science</i> , <b>2013</b> , 4, 103-117	9.4	107
235	Calix[4]tubes: a new class of potassium-selective ionophore. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 1341-53	16.4	100
234	Cooperative AND ion-pair recognition by heteroditopic calix[4]diquinone receptors. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2248-63	4.8	95
233	Towards predictable transmembrane transport: QSAR analysis of anion binding and transport. <i>Chemical Science</i> , <b>2013</b> , 4, 3036	9.4	89
232	Enantioselective Anion Recognition by Chiral Halogen-Bonding [2]Rotaxanes. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12228-12239	16.4	84
231	Structural studies on dinuclear ruthenium(II) complexes that bind diastereoselectively to an antiparallel folded human telomere sequence. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 8674-83	8.3	80

230	Sulfate anion templated synthesis of a triply interlocked capsule. <i>Chemical Communications</i> , <b>2009</b> , 7134-6	6.8	80
229	A catenane assembled through a single charge-assisted halogen bond. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 4356-60	16.4	77
228	Polyaza cryptand receptor selective for dihydrogen phosphate. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8638-46	4.2	75
227	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11069-76	16.4	75
226	The role of lipophilicity in transmembrane anion transport. <i>Chemical Communications</i> , <b>2012</b> , 48, 5274-6	5.8	74
225	Sulfate anion templation of a neutral pseudorotaxane assembly using an indolocarbazole threading component. <i>Chemical Communications</i> , <b>2008</b> , 3154-6	5.8	73
224	Molybdenum $\beta$ -Allyl Dicarboxyl Complexes as a New Class of Precursors for Highly Reactive Epoxidation Catalysts with tert-Butyl Hydroperoxide. <i>Organometallics</i> , <b>2007</b> , 26, 5548-5556	3.8	73
223	Iodide Recognition and Sensing in Water by a Halogen-Bonding Ruthenium(II)-Based Rotaxane. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 185-92	4.8	68
222	Molecular modelling studies of N-salicylideneamino acidato complexes of oxovanadium(IV). Molecular and crystal structure of a new dinuclear LOVIVOL mixed valence complex. <i>Dalton Transactions RSC</i> , <b>2002</b> , 4407		67
221	Interlocked host anion recognition by an indolocarbazole-containing [2]rotaxane. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4937-52	16.4	66
220	Enhancing the enantioselective recognition and sensing of chiral anions by halogen bonding. <i>Chemical Communications</i> , <b>2016</b> , 52, 5527-30	5.8	63
219	Acylthioureas as anion transporters: the effect of intramolecular hydrogen bonding. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 62-72	3.9	63
218	Selective recognition of tetrahedral dianions by a hexaaza cryptand receptor. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 4661-73	3.9	58
217	Facile synthesis, structural evaluation, antimicrobial activity and synergistic effects of novel imidazo[1,2-a]pyridine based organoselenium compounds. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 123, 916-924	6.8	58
216	Bis(calix[4]diquinone) receptors: cesium- and rubidium-selective redox-active ionophores. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 5774-85	16.4	57
215	Rotaxanes capable of recognising chloride in aqueous media. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13082-94	4.8	55
214	Sulfate anion-templated assembly of a [2]catenane. <i>Chemical Communications</i> , <b>2008</b> , 4610-2	5.8	55
213	C=O bonded dimers in 2-methoxy-benzaldehyde studied by X-ray crystallography, vibrational spectroscopy, and ab initio calculations. <i>Chemical Physics Letters</i> , <b>2002</b> , 356, 318-324	2.5	55

212	Tunable transmembrane chloride transport by bis-indolylureas. <i>Chemical Science</i> , <b>2012</b> , 3, 1436	9.4	51
211	Ru(II) electron transfer systems containing S-donor ligands. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 2250-9	5.1	51
210	Bonding and structural preferences of indenyl complexes: MInd <sub>2</sub> Ln (n=0-3). <i>Coordination Chemistry Reviews</i> , <b>2002</b> , 230, 49-64	23.2	50
209	A Halogen-Bonding Catenane for Anion Recognition and Sensing. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 1912-1916	3.6	48
208	Synthesis, bonding and dynamic behavior of fac-[Mo(II)(CO) <sub>2</sub> (B-allyl)] derivatives. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 632, 197-208	2.3	48
207	Coordination modes of 3-hydroxypicolinic acid: synthesis and crystal structures of palladium(II), platinum(II) and rhenium(V) complexes. <i>New Journal of Chemistry</i> , <b>2000</b> , 24, 511-517	3.6	48
206	Anion induced and inhibited circumrotation of a [2]catenane. <i>Chemical Communications</i> , <b>2008</b> , 1281-3	5.8	45
205	Heptacoordinate tricarbonyl Mo(II) complexes as highly selective oxidation homogeneous and heterogeneous catalysts. <i>Journal of Catalysis</i> , <b>2008</b> , 256, 301-311	7.3	45
204	Cu(I) and Ag(I) complexes of chalcogenide derivatives of the organometallic ligand dppf and the dppa analogue. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 2808-2819	2.3	45
203	Anion- and Solvent-Induced Rotary Dynamics and Sensing in a Perylene Diimide [3]Catenane. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9026-9037	16.4	43
202	Origin of Enantioselectivity in Palladium-Catalyzed Asymmetric Allylic Alkylation Reactions Using Aminophosphine Ligands. <i>Organometallics</i> , <b>2002</b> , 21, 315-325	3.8	43
201	Stepwise hapticity changes in sequential one-electron redox reactions of indenyl-molybdenum complexes: combined electrochemical, ESR, X-ray, and theoretical studies. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 10595-606	16.4	43
200	Chiral halogen and chalcogen bonding receptors for discrimination of stereo- and geometric dicarboxylate isomers in aqueous media. <i>Chemical Communications</i> , <b>2018</b> , 54, 10851-10854	5.8	43
199	Synthesis and structural characterisation of new RuII[12]aneS <sub>4</sub> complexes with polypyridylic and related ligands. <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 1015-1025	3.6	41
198	Vanadyl cationic complexes as catalysts in olefin oxidation. <i>Dalton Transactions</i> , <b>2015</b> , 44, 5125-38	4.3	40
197	A trinuclear copper(II) cryptate and its B-CO <sub>3</sub> cascade complex: thermodynamics, structural and magnetic properties. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 11193-203	4.8	40
196	Polynuclear molybdenum and tungsten complexes of 3-hydroxypicolinic acid and the crystal structures of (nBu <sub>4</sub> N) <sub>2</sub> [Mo <sub>4</sub> O <sub>12</sub> (picOH) <sub>2</sub> ] and (nHex <sub>4</sub> N) <sub>2</sub> [Mo <sub>2</sub> O <sub>6</sub> (picOH) <sub>2</sub> ]. <i>Dalton Transactions RSC</i> , <b>2001</b> , 3196-3201		39
195	Structural characterisation of new RuII[9]aneS <sub>3</sub> polypyridylic complexes. <i>Dalton Transactions RSC</i> , <b>2000</b> , 4422-4431		38

194	Anion binding in aqueous media by a tetra-triazolium macrocycle. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 6951-9	3.9	37
193	Recognition of oxalate by a copper(II) polyaza macrobicyclic complex. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7020-31	4.8	37
192	Thallium pi-cation complexation by calix[4]tubes: (205)Tl NMR and x-ray evidence. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 729-34	5.1	37
191	Lanthanide complexes of 2-hydroxynicotinic acid: synthesis, luminescence properties and the crystal structures of [Ln(HnicO) <sub>2</sub> (HnicO)(H <sub>2</sub> O)] <sub>n</sub> H <sub>2</sub> O (Ln=Tb, Eu). <i>Polyhedron</i> , <b>2003</b> , 22, 3529-3539	2.7	36
190	Anion recognition by a macrobicycle based on a tetraoxadiazza macrocycle and an isophthalamide head unit. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 4819-27	4.2	35
189	Spectroscopic studies of solid trehalose. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>1996</b> , 52, 1649-1659	4.4	34
188	Synthesis, X-ray structure, and theoretical studies of novel cationic mono-cyclopentadienyl complexes of Co(III): the orthometalation of trans-azobenzene. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 625, 186-194	2.3	32
187	Dicarboxylate recognition by two macrobicyclic receptors: selectivity for fumarate over maleate. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 4611-21	4.2	31
186	Nitrogen donor ligands bearing NH groups: Effect on catalytic and cytotoxic activity of molybdenum B-allyldicarbonyl complexes. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 3411-3418	2.3	31
185	Investigating the imidazolium anion interaction through the anion-templated construction of interpenetrated and interlocked assemblies. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 12955-66	4.8	30
184	Halogen Bond Anion Templated Assembly of an Imidazolium Pseudorotaxane. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 5450-5454	3.6	30
183	Mo(II) complexes: a new family of cytotoxic agents?. <i>Journal of Inorganic Biochemistry</i> , <b>2010</b> , 104, 1171-74.2	4.2	30
182	Recognition of dicarboxylate anions by a ditopic hexaazamacrocycle containing bis-p-xylyl spacers. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 247	3.6	30
181	Bis- and tris-(methylphosphonic) acid derivatives of a 14-membered tetraazamacrocycle containing pyridine: synthesis, protonation and complexation studies. <i>Dalton Transactions</i> , <b>2004</b> , 1812-22	4.3	30
180	Synthesis, structural characterization, cytotoxic properties and DNA binding of a dinuclear copper(II) complex. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 161, 9-17	4.2	30
179	Chemical Transformations of Mono- and Bis(buta-1,3-dien-1-yl)porphyrins: A New Synthetic Approach to Mono- and Dibenzoporphyrins. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 704-712 <sup>3-2</sup>	3.2	29
178	Coordination modes of 2-hydroxynicotinic acid in second- and third-row transition metal complexes. <i>Polyhedron</i> , <b>2002</b> , 21, 2783-2791	2.7	29
177	The Green Box: An Electronically Versatile Perylene Diimide Macrocylic Host for Fullerenes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 349-364	16.4	29

176	A Chiral Halogen-Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 593-597	3.6	28
175	Novel charge transfer supramolecular assemblies with Keggin anions and 2-amino-5-nitropyridine. <i>Dalton Transactions</i> , <b>2006</b> , 1197-203	4.3	28
174	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. <i>Organometallics</i> , <b>2012</b> , 31, 4495-4503	3.8	27
173	A Catenane Assembled through a Single Charge-Assisted Halogen Bond. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 4452-4456	3.6	27
172	Synthesis, crystal structure, spectral properties and catalytic activity of binuclear copper(II), mononuclear nickel(II) and cobalt(III) complexes containing Schiff base ligand. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 418, 171-179	2.7	26
171	Structural characterisation of Rull [9]aneS3 polypyridyl complexes by NMR spectroscopy and single crystal X-ray diffraction. <i>Polyhedron</i> , <b>1997</b> , 16, 393-401	2.7	26
170	Synthesis and spectroscopic characterisation of binuclear molybdenum-rhenium complexes. <i>Polyhedron</i> , <b>1998</b> , 17, 1091-1102	2.7	26
169	Rull complexes incorporating tetrathiamacrocycles: synthesis and conformational analysis. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 2031-46	4.8	26
168	Dinuclear copper and zinc complexes of a hexaazamacrocycle containing p-xylyl spacers and bridging anions: theoretical and spectroscopic studies. <i>Dalton Transactions</i> , <b>2003</b> , 4261-4270	4.3	25
167	Methyl pyridine derivatives of 14-membered tetraaza macrocycles. A new host with high selectivity for cadmium <sup>2+</sup> <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 4331-4339		25
166	Two macrocyclic pentaaza compounds containing pyridine evaluated as novel chelating agents in copper(II) and nickel(II) overload. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 410-9	4.2	24
165	Design of selective macrocyclic ligands for the divalent first-row transition-metal ions <sup>2+</sup> <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 1063-1072		24
164	Evaluation of the binding ability of a novel dioxatetraazamacrocyclic receptor that contains two phenanthroline units: selective uptake of carboxylate anions. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 4023-34	4.2	24
163	Hexaazamacrocycle Containing Pyridine and Its Dicopper Complex as Receptors for Dicarboxylate Anions. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 4550-4561	2.3	24
162	X-Ray diffraction and molecular mechanics studies of 12-, 13-, and 14-membered tetraaza macrocycles containing pyridine: effect of the macrocyclic cavity size on the selectivity of the metal ion. <i>Dalton Transactions RSC</i> , <b>2001</b> , 1462-1471		24
161	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11235-11242	3.6	23
160	Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. <i>Tetrahedron</i> , <b>2010</b> , 66, 8544-8550	2.4	23
159	N-Salicylideneamino acidato complexes of oxovanadium(IV). The cysteine and penicillamine complexes. <i>Dalton Transactions</i> , <b>2004</b> , 2855-66	4.3	23

158	Mono- and binuclear bipyridyl derivatives of the Mo( $\beta$ -C <sub>3</sub> H <sub>5</sub> )(CO) <sub>2</sub> fragment: structural studies and fluxionality in solution. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 687, 57-68	2.3	23
157	New Cu(I) and Ag(I) binuclear complexes containing the dppa ligand. <i>Dalton Transactions RSC</i> , <b>2002</b> , 4365-4374	2.3	23
156	A new redox-responsive 14-membered tetraazamacrocyclic with ferrocenylmethyl arms as receptor for sensing transition-metal ions. <i>Dalton Transactions RSC</i> , <b>2000</b> , 1907-1916		23
155	Thiacalix[4]tube: synthesis, X-ray crystal structure and preliminary binding studies. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 1355-1358	3.6	23
154	trans-Methylpyridine cyclen versus cross-bridged trans-methylpyridine cyclen. Synthesis, acid-base and metal complexation studies (metal = Co <sup>2+</sup> , Cu <sup>2+</sup> , and Zn <sup>2+</sup> ). <i>Dalton Transactions</i> , <b>2011</b> , 40, 4514-26	4.3	22
153	Halide selective anion recognition by an amide-triazolium axle containing [2]rotaxane. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 4924-31	3.9	21
152	Evaluation of the binding ability of tetraaza[2]arene[2]triazine receptors anchoring l-alanine units for aromatic carboxylate anions. <i>Tetrahedron</i> , <b>2012</b> , 68, 670-680	2.4	21
151	Design of protonated polyazamacrocyclics based on phenanthroline motifs for selective uptake of aromatic carboxylate anions and herbicides. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3277-89	4.8	21
150	Synthesis and properties of new trinuclear Mo(II) complexes containing imidazole and benzimidazole ferrocene units. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 1584-1596	2.7	21
149	Tetraaza macrocycles containing pyridine and their copper(II) and nickel(II) complexes: X-ray, spectroscopic, molecular mechanics and molecular orbital studies. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 4543-4553		21
148	Copper complexes of new benzodioxotetraaza macrocycles with potential applications in nuclear medicine. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3144-53	5.1	20
147	Synthesis and Theoretical Studies of a Double Helical Complex with the Ligand 4,4'-Bis(ferrocenyl)-2,2':6,2'':6''':6''':6''''-quinquepyridine. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 3038-3047	2.3	20
146	Anion templated assembly of [2]catenanes capable of chloride anion recognition in aqueous solvent media. <i>RSC Advances</i> , <b>2011</b> , 1, 995	3.7	19
145	Dicopper(II) complexes of a new di-para-xylyldioxatetraazamacrocyclic and cascade species with dicarboxylate anions: thermodynamics and structural properties. <i>Dalton Transactions</i> , <b>2007</b> , 2431-9	4.3	19
144	Second sphere coordination in anion binding: Synthesis, Characterization and X-ray structure of tris(1,10-phenanthroline)cobalt(III) periodate dihydrate, [Co(phen) <sub>3</sub> ](IO <sub>4</sub> ) <sub>3</sub> ·2H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , <b>2008</b> , 888, 291-299	3.4	19
143	Bis[1,1'-N,N'-(2-picoly)aminomethyl]ferrocene as a redox sensor for transition metal ions. <i>Dalton Transactions</i> , <b>2004</b> , 1743-51	4.3	19
142	Synthesis, characterization, structure and properties of copper and palladium complexes incorporating azo-amide ligands. <i>Polyhedron</i> , <b>2014</b> , 79, 43-51	2.7	18
141	Dimetallic complexes of macrocycles with two rigid dibenzofuran units as receptors for detection of anionic substrates. <i>Dalton Transactions</i> , <b>2010</b> , 39, 9579-87	4.3	18

140	New Synthetic Pathway to Mono- and Bis-indenyl Complexes of Molybdenum(IV). <i>Organometallics</i> , <b>1998</b> , 17, 5782-5788	3.8	18
139	Cyclam derivatives containing three acetate pendant arms: synthesis, acid-base, metal complexation and structural studies. <i>Dalton Transactions</i> , <b>2008</b> , 6593-608	4.3	18
138	Binding studies of a protonated dioxatetraazamacrocycle with carboxylate substrates. <i>Tetrahedron</i> , <b>2008</b> , 64, 5392-5403	2.4	18
137	Development of novel brush-type chiral stationary phases based on terpenoid selectors: HPLC evaluation and theoretical investigation of enantioselective binding interactions. <i>Tetrahedron: Asymmetry</i> , <b>2006</b> , 17, 3248-3264		18
136	C-H...O hydrogen bonding in 4-phenyl-benzaldehyde: a comprehensive crystallographic, spectroscopic and computational study. <i>Physical Chemistry Chemical Physics</i> , <b>2005</b> , 7, 3027-34	3.6	18
135	Selectivity of calix[4]tubes towards metal ions: A molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , <b>2002</b> , 4, 3849-3858	3.6	18
134	Molecular structure, bonding, and reactions of Mo( $\beta$ -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> derivatives containing phosphorus ligands. Crystal structures of [Mo( $\beta$ -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> H(PPh <sub>3</sub> )] <sub>2</sub> O and [Mo( $\beta$ -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> (CH <sub>3</sub> )(PPh <sub>3</sub> )] <sub>2</sub> [PF <sub>6</sub> ]. <i>Journal of Organometallic Chemistry</i> , <b>1990</b> , 391, 345-360	2.3	18
133	Tilting and Tumbling in Transmembrane Anion Carriers: Activity Tuning through n-Alkyl Substitution. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2004-2011	4.8	18
132	Fluorinated synthetic anion carriers: experimental and computational insights into transmembrane chloride transport. <i>Chemical Science</i> , <b>2019</b> , 10, 1976-1985	9.4	17
131	Synthesis, characterization, structure and catalytic activity of (NNN) tridentate azo-imine nickel(II), palladium(II) and platinum(II) complexes. <i>Polyhedron</i> , <b>2016</b> , 106, 171-177	2.7	17
130	Synthesis and antibacterial activity of pyridylselenium compounds: Self-assembly of bis(3-bromo-2-pyridyl)diselenide via intermolecular secondary and $\pi$ -stacking interactions. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 766, 57-66	2.3	17
129	Ruthenium and palladium complexes incorporating amino-azo-phenol ligands: Synthesis, characterization, structure and reactivity. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 429, 122-131	2.7	17
128	Organic-inorganic hybrid materials based on iron(III)-polyoxotungstates and 1-butyl-3-methylimidazolium cations. <i>Dalton Transactions</i> , <b>2012</b> , 41, 12145-55	4.3	17
127	Halo-derivatised calix[4]tubes. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 1232-9	3.9	17
126	Synthesis, X-ray structures, electrochemistry, magnetic properties, and theoretical studies of the novel monomeric [CoI <sub>2</sub> (dppfO <sub>2</sub> )] and polymeric chain [CoI <sub>2</sub> (EdppfO <sub>2</sub> ) <sub>n</sub> ]. <i>Dalton Transactions RSC</i> , <b>2002</b> , 4595-4602		17
125	Coordination modes of 2-mercaptonicotinic acid: synthesis and crystal structures of palladium(II), platinum(II), rhenium(III) and molybdenum(VI) complexes. <i>Dalton Transactions RSC</i> , <b>2002</b> , 4479-4487		17
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123	Neutral bimetallic rhenium(I)-containing halogen and hydrogen bonding acyclic receptors for anion recognition. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 792, 206-210	2.3	16



122	Synthesis, characterization, spectral and catalytic activity of tetradentate (NNNO) azo-imine Schiff base copper(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 479, 221-228	2.7	16
121	Azacalix[2]arene[2]triazine-based receptors bearing carboxymethyl pendant arms on nitrogen bridges: synthesis and evaluation of their coordination ability towards copper(II). <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 589-99	3.9	16
120	Increased halide recognition strength by enhanced intercomponent preorganisation in triazolium containing [2]rotaxanes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 17751-65	4.8	16
119	First X-ray structure of discrete anion [HgBr <sub>5</sub> ] <sup>3-</sup> Synthesis, characterization and single crystal X-ray structure determination of [Co(NH <sub>3</sub> ) <sub>6</sub> ][HgBr <sub>5</sub> ]. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 945-947	3.1	16
118	Second sphere coordination in anion binding: Synthesis, characterization of [Co(phen) <sub>2</sub> CO <sub>3</sub> ][X]nH <sub>2</sub> O where X=o-nitrophenolate(onp), p-nitrophenolate(pnp), 2,4-dinitrophenolate(dnp), 2,4,6-trinitrophenolate(tnp) and single crystal X-ray structures of [Co(phen) <sub>2</sub> CO <sub>3</sub> ](onp)nH <sub>2</sub> O and [Co(phen) <sub>2</sub> CO <sub>3</sub> ](dnp)n.5H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , <b>2008</b> , 892, 452-460	3.4	16
117	Ditopic hexaazamacrocycles containing pyridine: synthesis, protonation and complexation studies. <i>Dalton Transactions</i> , <b>2005</b> , 82-91	4.3	16
116	Enantioselectivity in Ni(II) Schiff-base complexes derived from amino-acids and (S)-o-N-(N-benzylpropyl)aminobenzophenone: molecular structure of several chiral Ni(II) Schiff-base complexes, circular dichroism and molecular mechanics studies. <i>Dalton Transactions</i> , <b>2005</b> , 2312-21	4.3	16
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114	New dioxadiaz-, trioxadiaz- and hexaaza-macrocycles containing dibenzofuran units. <i>Tetrahedron</i> , <b>2006</b> , 62, 8550-8558	2.4	16
113	Synthesis and crystal structure of [nBu <sub>4</sub> N][Er(pic) <sub>4</sub> ].5.5H <sub>2</sub> O: a new infrared emitter. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 1234-1238	3.1	16
112	Metal complexes of dipyrindine hexaaza macrocycles. Structural differences between 18- and 20-membered macrocycles on complexation. <i>Dalton Transactions RSC</i> , <b>2002</b> , 3539		16
111	Syntheses and Crystal Structures of Polynuclear Cu(I) Complexes Containing the 1,1'-Bis-(diphenylphosphino)-ferrocene Ligand. <i>Monatshefte für Chemie</i> , <b>2000</b> , 131, 1253-1265	1.4	16
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109	Synthesis, electrochemical behaviour and structural characterization of the mercury complex [Hg([18]aneN <sub>6</sub> )] <sup>2+</sup> [HgCl <sub>4</sub> ]. <i>Polyhedron</i> , <b>1993</b> , 12, 931-937	2.7	16
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107	Synthesis, crystal structure, spectral properties and catalytic activity of a binuclear copper(II) complex containing a Schiff base ligand. <i>Polyhedron</i> , <b>2013</b> , 59, 23-28	2.7	15
106	Second sphere coordination in binding of fluoroanions: Synthesis, spectroscopic characterization and single crystal X-ray structure determination of [Co(phen) <sub>3</sub> ](BF <sub>4</sub> ) <sub>3</sub> ·H <sub>2</sub> O and [Co(phen) <sub>3</sub> ](PF <sub>6</sub> ) <sub>3</sub> ·CH <sub>3</sub> COCH <sub>3</sub> . <i>Journal of Molecular Structure</i> , <b>2009</b> , 920, 119-127	3.4	15
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101	Full elucidation of the transmembrane anion transport mechanism of squaramides using in silico investigations. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 20796-20811	3.6	14
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18	Molybdenum(II) Complexes with Diimines: Catalytic Activity in Organic and Ionic Liquid Solvents. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3922-3932	2.3	3
17	Hydrosulfide (HS <sup>-</sup> ) Recognition and Sensing in Water by Halogen Bonding Hosts. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24048-24053	16.4	3
16	Naphthalene Based Amide-Imine Derivative and its Dinuclear Vanadium Complex: Structures, Atmospheric CO <sub>2</sub> Fixation and Theoretical Support. <i>ChemistrySelect</i> , <b>2019</b> , 4, 10254-10259	1.8	2
15	Rigid Ferrocenophane and its metal complexes with transition and alkaline-earth metal ions. <i>Polyhedron</i> , <b>2010</b> , 29, 1697-1705	2.7	2

14	Structure of acetamidine(bromo)bis( $\eta^5$ -cyclopentadienyl)tungsten(IV) hexafluorophosphate, $[W(\eta^5-C_5H_5)_2Br(C_2H_6N_2)]PF_6$ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 2451-2453		2
13	Lipidomic analysis of human primary hepatocytes following LXR activation with GW3965 identifies AGXT2L1 as a main target associated to changes in phosphatidylethanolamine. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2020</b> , 198, 105558	5.1	2
12	Exploring aggregation-induced emission through tuning of ligand structure for picomolar detection of pyrene. <i>Journal of Molecular Recognition</i> , <b>2019</b> , 32, e2771	2.6	2
11	Synthesis, characterization, X-ray crystal structure and antibacterial activity of bis[3-(4-chloro-N,N-diethylpyridine-2-carboxamide)] diselenide. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 133, 108942	3.1	2
10	Synthesis and characterization of pyrimidyl- and pyrazinylselenium compounds: X-ray structure of 2,5-bis(methylselenenyl)pyrazine. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 421, 359-363	2.7	1
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7	X-ray structurally characterized Mo (VI), Fe (III) and Cu (II) complexes of amide-imine conjugate: (bio)catalytic and histidine recognition studies. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5823	3.1	0
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2	Structure of an $\beta$ -methylene- $\beta$ -lactone sugar derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 182-184		
1	Synthesis of uranium complexes incorporating extended azo-imine ligands: Molecular and electronic structure. <i>Journal of the Indian Chemical Society</i> , <b>2021</b> , 98, 100049		