

# Vtor Flix

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

247  
papers

7,055  
citations

44  
h-index

70  
g-index

254  
ext. papers

7,571  
ext. citations

4.7  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
247	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		
246	New heptacoordinate tungsten(II) complexes with diimine ligands in the catalytic oxidation of multifunctional olefins. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 519, 120263	2.7	0
245	Hydrazones in anion transporters: the detrimental effect of a second binding site. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 8324-8337	3.9	0
244	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
243	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
242	Estrogen receptors in urogenital schistosomiasis and bladder cancer: Estrogen receptor alpha-mediated cell proliferation. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2020</b> , 38, 738-738.e35	2.8	6
241	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
240	A polynuclear Cu(II) complex for real time monitoring of mitochondrial cytochrome C release during cellular apoptosis. <i>Chemical Communications</i> , <b>2020</b> , 56, 6563-6566	5.8	4
239	Development of a Library of Thiophene-Based Drug-Like Lego Molecules: Evaluation of Their Anion Binding, Transport Properties, and Cytotoxicity. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 888-899	4.8	8
238	The Green Box: An Electronically Versatile Perylene Diimide Macrocyclic Host for Fullerenes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 349-364	16.4	29
237	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
236	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
235	Exploring Anticancer and (Bio)catalytic Activities of New Oxovanadium(V), Dioxomolybdenum(VI), and Copper(II) Complexes of Amide-Imine Conjugates.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 2802-2811	4.1	8
234	Molybdenum(II) complexes with p-substituted BIAN ligands: synthesis, characterization, biological activity and computational study. <i>Dalton Transactions</i> , <b>2019</b> , 48, 8449-8463	4.3	7
233	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
232	New Molybdenum(II) Complexes with Diimine Ligands: Synthesis, Structure, and Catalytic Activity in Olefin Epoxidation. <i>Molecules</i> , <b>2019</b> , 24,	4.8	4
231	Oxovanadium(V) and Dioxomolybdenum(VI) Complexes of Amide-Imine Conjugates: Structures, Catalytic and Antitumor Activities.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 3964-3973	4.1	3

230	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
229	Optical sensors for detection of nano-molar Zn <sup>2+</sup> in aqueous medium: Direct evidence of probe-Zn <sup>2+</sup> binding by single crystal X-ray structures. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 368, 52-61	4.7	1
228	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
227	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
226	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
225	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
224	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
223	Exploring (bio)catalytic activities of structurally characterised Cu(ii) and Mn(iii) complexes: histidine recognition and photocatalytic application of Cu(ii) complex and derived CuO nano-cubes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 14008-14016	4.3	4
222	Anion Recognition by Partial Cone Dihomooxalix[4]arene-Based Receptors Bearing Urea Groups: Remarkable Affinity for Benzoate Ion. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 5657-5667	3.2	10
221	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
220	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
219	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
218	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
217	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
216	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
215	Unprecedented Double aza-Michael Addition within a Sapphyrin Core. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14349-55	4.8	3
214	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
213	Tuning of azine derivatives for selective recognition of Ag with the in vitro tracking of endophytic bacteria in rice root tissue. <i>Dalton Transactions</i> , <b>2016</b> , 45, 19491-19499	4.3	11

212	Molecular diversity in several pyridyl based Cu(II) complexes: biophysical interaction and redox triggered fluorescence switch. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 10378-10388	3.6	4
211	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
210	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
209	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
208	Design, synthesis and properties of orthopalladated complexes: Proheterogeneous catalyst. <i>Polyhedron</i> , <b>2016</b> , 110, 165-171	2.7	10
207	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
206	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
205	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
204	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
203	Recognition of bio-relevant dicarboxylate anions by an azacalix[2]arene[2]triazine derivative decorated with urea moieties. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 3070-85	3.9	10
202	Rhodamine derived colorimetric and fluorescence mercury(II) chemodosimeter for human breast cancer cell (MCF7) imaging. <i>RSC Advances</i> , <b>2015</b> , 5, 21797-21802	3.7	6
201	Synthesis and characterization of palladium (II) complex of Schiff base ligand: CS bond cleavage and catalytic activity. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 53, 68-71	3.1	9
200	Synthesis and properties of new materials with cobalt(II), iron(III) and manganese(III)-substituted Keggin polyoxotungstates and 1-alkyl-3-methylimidazolium cations. <i>Polyhedron</i> , <b>2015</b> , 101, 109-117	2.7	6
199	Heptacopper(II) and dicopper(II)-adenine complexes: synthesis, structural characterization, and magnetic properties. <i>Journal of Coordination Chemistry</i> , <b>2015</b> , 68, 2770-2787	1.6	13
198	Comparing spectroscopic and electrochemical properties of complexes of type Cp <sub>2</sub> M(B-C <sub>3</sub> H <sub>5</sub> )(CO) <sub>2</sub> (Cp = Cp, Ind, Flu): A complementary experimental and DFT study. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 792, 154-166	2.3	6
197	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
196	A mechanistic study of the synthesis, single crystal X-ray data and anticarcinogenic potential of bis(2-pyridyl)selenides and -diselenides. <i>RSC Advances</i> , <b>2015</b> , 5, 78669-78676	3.7	13
195	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

194	Modulating the electron-transfer properties of a mixed-valence system through host-guest chemistry. <i>Chemical Science</i> , <b>2015</b> , 6, 1334-1340	9.4	9
193	Vanadyl cationic complexes as catalysts in olefin oxidation. <i>Dalton Transactions</i> , <b>2015</b> , 44, 5125-38	4.3	40
192	Synthesis, characterizations and structure of orthometallated Pt(II) and Pt(IV) complexes: Oxidative addition to C,N,N,O coordinated Pt(II) complexes. <i>Polyhedron</i> , <b>2014</b> , 70, 1-5	2.7	10
191	Tris-thiourea tripodal-based molecules as chloride transmembrane transporters: insights from molecular dynamics simulations. <i>Soft Matter</i> , <b>2014</b> , 10, 3608-21	3.6	11
190	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
189	Interaction of a calix[4]arene derivative with a DOPC bilayer: biomolecular simulations towards chloride transport. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 890-901	3.8	12
188	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
187	Acyliothiureas as anion transporters: the effect of intramolecular hydrogen bonding. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 62-72	3.9	63
186	Synthesis of new organochalcogen (Se or Te) based multifunctional pyrimidine derivatives: X-ray structure determination of 2,4-bis(arylchalcogenyl)pyrimidine and 2-chloro-4,6-bis(arylchalcogenyl)pyrimidine compounds. <i>Polyhedron</i> , <b>2014</b> , 81, 316-322	2.7	
185	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
184	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
183	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
182	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
181	Lithiation of N,N,N',N'-tetraisopropylpyridine-2,6-dicarboxamide: synthesis, characterization and single crystal X-ray studies of chalcogen (Se/Te) derivatives of N,N,N',N'-tetraisopropylpyridine-2,6-dicarboxamide. <i>Tetrahedron</i> , <b>2014</b> , 70, 4876-4883	2.4	4
180	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
179	Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. <i>Chemical Science</i> , <b>2013</b> , 4, 103-117	9.4	107
178	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
177	Cyclen derivatives with two trans-methylnitrophenolic pendant arms: a structural study of their copper(II) and zinc(II) complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6149-60	4.3	13

176	Synthesis and characterization of 4-(dimethylaminopyridyl)chalcogenides (Se, Te): X-ray structure of bis(4-dimethylamino-2-pyridyl) diselenide, bis(4-dimethylamino-2-pyridylselenenyl)methane and 4-dimethylamino-2,6-bis(methylselenenyl)pyridine. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 404, 160-166	2.7	6
175	Tris(organotin)tungstogermanate, a Sandwich Organometallic Derivative of a Keggin-Type Polyoxometalate: Synthesis and DFT Study. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 1713-1719	2.3	14
174	A study on the BF <sub>3</sub> directed lithiation of 3-chloro- and 3-bromopyridine. <i>Tetrahedron</i> , <b>2013</b> , 69, 10284-10291	2.1	13
173	Synthesis, crystal structures, spectral studies and reactivity of square planar copper(II) complexes containing Schiff base ligand. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 568-579	1.6	12
172	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
171	Towards predictable transmembrane transport: QSAR analysis of anion binding and transport. <i>Chemical Science</i> , <b>2013</b> , 4, 3036	9.4	89
170	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
169	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
168	A Catenane Assembled through a Single Charge-Assisted Halogen Bond. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 4452-4456	3.6	27
167	sugE: A gene involved in tributyltin (TBT) resistance of <i>Aeromonas molluscorum</i> Av27. <i>Journal of General and Applied Microbiology</i> , <b>2013</b> , 59, 39-47	1.5	14
166	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
165	Chain of water hexamers and tetramers hosted in a redox product of a Co(III) metal complex: Syntheses, characterization and single crystal X-ray structure determination of Co(II/III) complexes with sulfur oxo-anions. <i>Polyhedron</i> , <b>2012</b> , 40, 175-184	2.7	9
164	A halogen-bonding catenane for anion recognition and sensing. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1876-80	16.4	179
163	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
162	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
161	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. <i>Organometallics</i> , <b>2012</b> , 31, 4495-4503	3.8	27
160	A polyoxapolyaza macrobicyclic receptor for the recognition of zwitterions. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 5529-32	3.9	10
159	Ruthenium(II) thiocrown complexes incorporating noninnocent redox active ligands: synthesis, electrochemical properties, and theoretical studies. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10483-94	5.1	6



158	1,1'-Bis(diphenylphosphino)ferrocene bridging two mono(cyclopentadienyl) cobalt moieties: Synthesis, structure, electrochemistry and DFT studies. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 712, 52-56	2.3	3
157	Synthesis, characterization and X-ray structure of 3,4-lutidinyl-, 3-/4-picoly- and pyridylselenium compounds. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 392, 335-344	2.7	15
156	Tunable transmembrane chloride transport by bis-indolylureas. <i>Chemical Science</i> , <b>2012</b> , 3, 1436	9.4	51
155	The role of lipophilicity in transmembrane anion transport. <i>Chemical Communications</i> , <b>2012</b> , 48, 5274-6	5.8	74
154	Water encapsulation in a polyoxapolyaza macrobicyclic compound. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 6816-24	4.2	6
153	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
152	A Halogen-Bonding Catenane for Anion Recognition and Sensing. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 1912-1916	3.16	48
151	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
150	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
149	Syntheses, characterization, thermal properties and single crystal structure determination of cobalt(III) complexes with 2,2'-biimidazole and 1,10-phenanthroline ligands. <i>Polyhedron</i> , <b>2011</b> , 30, 2759-2767	2.7	9
148	Role of non-covalent interactions in binding of non-coordinating anions: Syntheses, characterization and single crystal structure determination of cobalt(III) complexes with 2,2'-biimidazole and 1,10-phenanthroline ligands. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 376, 64-72	2.7	5
147	Properties of Metal Complexes of a New Dioxadiaza Macrocyclic Containing a Dibenzofuran Unit and Acetate Pendant Arms. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 4700-4708	2.3	3
146	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
145	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
144	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
143	Clipping and stoppering anion templated synthesis of a [2]rotaxane host system. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12180-90	4.3	9
142	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
141	Synthesis and properties of new Mo(II) complexes with N-heterocyclic and ferrocenyl ligands. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 2142-2152	2.3	9

140	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
139	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
138	Molecular dynamics study of a heteroditopic-calix[4]diquinone-assisted transfer of KCl and dopamine through a water-chloroform liquid-liquid interface. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 11173-80	3.4	10
137	Evaluation of the binding ability of a macrobicyclic receptor for anions by potentiometry and molecular dynamics simulations in solution. <i>Tetrahedron</i> , <b>2010</b> , 66, 8714-8721	2.4	7
136	Synthesis and structural characterization of Keggin polyoxometalate compounds with arginium(2+) cations. <i>Journal of Molecular Structure</i> , <b>2010</b> , 963, 267-273	3.4	13
135	Synthesis, structures and magnetic properties of three metal-organic frameworks containing manganese(II). <i>Transition Metal Chemistry</i> , <b>2010</b> , 35, 779-786	2.1	8
134	Nanostructured Dioxomolybdenum(VI) Catalyst for the Liquid-Phase Epoxidation of Olefins. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 1405-1412	2.3	11
133	Rotaxanes capable of recognising chloride in aqueous media. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13082-94	4.8	55
132	Halogen Bond Anion Templated Assembly of an Imidazolium Pseudorotaxane. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 5450-5454	3.6	30
131	Halogen bond anion templated assembly of an imidazolium pseudorotaxane. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5322-6	16.4	141
130	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
129	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
128	Tetrapyrrole binding affinity of the murine and human p22HBP heme-binding proteins. <i>Journal of Molecular Graphics and Modelling</i> , <b>2010</b> , 29, 396-405	2.8	9
127	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
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123	Cationic metal complex, carbonatobis(1,10-phenanthroline)cobalt(III) as anion receptor: Synthesis, characterization, single crystal X-ray structure and packing analysis of [Co(phen)2CO3](3,5-dinitrobenzoate)·5H2O. <i>Journal of Molecular Structure</i> , <b>2009</b> , 921, 227-232	3.4	13



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15	Synthesis and spectroscopic characterisation of binuclear molybdenum-rhenium complexes. <i>Polyhedron</i> , <b>1998</b> , 17, 1091-1102	2.7	26



14	New Synthetic Pathway to Mono- and Bis-indenyl Complexes of Molybdenum(IV). <i>Organometallics</i> , <b>1998</b> , 17, 5782-5788	3.8	18
13	Design of selective macrocyclic ligands for the divalent first-row transition-metal ions. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 1063-1072		24
12	An NMR and single-crystal X-ray diffraction structural study of RuII [12]aneS4 polypyridyl complexes. <i>Polyhedron</i> , <b>1997</b> , 16, 3293-3304	2.7	15
11	Structural characterisation of RuII [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
10	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
9	Spectroscopic studies of solid $\beta$ -trehalose. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>1996</b> , 52, 1649-1659	4.4	34
8	The importance of interactions between methyl groups and aromatic rings in homo and hetero-cyclophane structures. A molecular mechanics and X-ray crystallographic investigation. <i>Supramolecular Chemistry</i> , <b>1995</b> , 5, 281-287	1.8	11
7	Electron spin resonance studies and crystal structures of copper(II) complexes of some 12-, 13- and 14-membered oxatriaza macrocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1994</b> , 3099-3106		7
6	Synthesis, electrochemical behaviour and structural characterization of the mercury complex [Hg([18]aneN6)](HgCl4). <i>Polyhedron</i> , <b>1993</b> , 12, 931-937	2.7	16
5	1-Oxa-4,8,12-triazacyclotetradecane-4,12-diacetic acid (H2L2): studies on protonation and metal complexation; crystal structure of [CuL2]·H2O. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1992</b> , 2579-2584		7
4	Structure of an $\beta$ -methylene-lactone sugar derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 182-184		
3	Structure of acetamidine(bromo)bis( $\beta$ -cyclopentadienyl)tungsten(IV) hexafluorophosphate, [W( $\beta$ -C5H5)2Br(C2H6N2)](PF6). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 2451-2453		2
2	Molecular structure, bonding, and reactions of Mo( $\beta$ -C5H5)2 derivatives containing phosphorus ligands. Crystal structures of [Mo( $\beta$ -C5H5)2H(PPh3)]·2O and [Mo( $\beta$ -C5H5)2(CH3)(PPh3)](PF6). <i>Journal of Organometallic Chemistry</i> , <b>1990</b> , 391, 345-360	2.3	18
1	Hydrosulfide (HS <sup>-</sup> ) Recognition and Sensing in Water by Halogen Bonding Hosts. <i>Angewandte Chemie</i> ,	3.6	1