

VÃ-tor FÃ©lix

List of Publications by Year in descending order

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246
papers

8,129
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50244

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254
times ranked

7343
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#	ARTICLE	IF	CITATIONS
1	Halogen bonding in water results in enhanced anion recognition in acyclic and rotaxane hosts. <i>Nature Chemistry</i> , 2014, 6, 1039-1043.	6.6	269
2	Novel Lanthanide Luminescent Materials Based on Complexes of 3-Hydroxypicolinic Acid and Silica Nanoparticles. <i>Chemistry of Materials</i> , 2003, 15, 100-108.	3.2	227
3	A synthetic ion transporter that disrupts autophagy and induces apoptosis by perturbing cellular chloride concentrations. <i>Nature Chemistry</i> , 2017, 9, 667-675.	6.6	201
4	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> , 2012, 134, 11533-11541.	6.6	199
5	meso-Substituted expanded porphyrins: new and stable hexaphyrins. <i>Chemical Communications</i> , 1999, , 385-386.	2.2	193
6	A Halogen-Bonding Catenane for Anion Recognition and Sensing. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1876-1880.	7.2	190
7	Chalcogen Bonding Macrocycles and [2]Rotaxanes for Anion Recognition. <i>Journal of the American Chemical Society</i> , 2017, 139, 3122-3133.	6.6	187
8	Anion Recognition in Water by Charge-Neutral Halogen and Chalcogen Bonding Foldamer Receptors. <i>Journal of the American Chemical Society</i> , 2019, 141, 4119-4129.	6.6	174
9	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> , 2007, , 2734-2745.	1.6	151
10	Halogen Bond Anion Templated Assembly of an Imidazolium Pseudorotaxane. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5322-5326.	7.2	147
11	A Chiral Halogen-Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 584-588.	7.2	139
12	Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. <i>Chemical Science</i> , 2013, 4, 103-117.	3.7	119
13	Calix[4]tubes: A New Class of Potassium-Selective Ionophore. <i>Journal of the American Chemical Society</i> , 2002, 124, 1341-1353.	6.6	117
14	Enantioselective Anion Recognition by Chiral Halogen-Bonding [2]Rotaxanes. <i>Journal of the American Chemical Society</i> , 2017, 139, 12228-12239.	6.6	110
15	Towards predictable transmembrane transport: QSAR analysis of anion binding and transport. <i>Chemical Science</i> , 2013, 4, 3036.	3.7	104
16	Structural Studies on Dinuclear Ruthenium(II) Complexes That Bind Diastereoselectively to an Antiparallel Folded Human Telomere Sequence. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8674-8683.	2.9	103
17	Cooperative AND Ion-Pair Recognition by Heteroditopic Calix[4]diquinone Receptors. <i>Chemistry - A European Journal</i> , 2008, 14, 2248-2263.	1.7	96
18	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11069-11076.	7.2	95

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19	Sulfate anion templated synthesis of a triply interlocked capsule. <i>Chemical Communications</i> , 2009, , 7134.	2.2	88
20	A Catenane Assembled through a Single Charge-Assisted Halogen Bond. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4356-4360.	7.2	83
21	Iodide Recognition and Sensing in Water by a Halogen-Bonding Ruthenium(II)-Based Rotaxane. <i>Chemistry - A European Journal</i> , 2016, 22, 185-192.	1.7	83
22	The role of lipophilicity in transmembrane anion transport. <i>Chemical Communications</i> , 2012, 48, 5274.	2.2	82
23	Polyaza Cryptand Receptor Selective for Dihydrogen Phosphate. <i>Journal of Organic Chemistry</i> , 2009, 74, 8638-8646.	1.7	81
24	Facile synthesis, structural evaluation, antimicrobial activity and synergistic effects of novel imidazo[1,2- <i>a</i>]pyridine based organoselenium compounds. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 916-924.	2.6	81
25	Molybdenum β -3-Allyl Dicarboxyl Complexes as a New Class of Precursors for Highly Reactive Epoxidation Catalysts with <i>tert</i> -Butyl Hydroperoxide. <i>Organometallics</i> , 2007, 26, 5548-5556.	1.1	77
26	Sulfate anion templation of a neutral pseudorotaxane assembly using an indolocarbazole threading component. <i>Chemical Communications</i> , 2008, , 3154.	2.2	77
27	Enhancing the enantioselective recognition and sensing of chiral anions by halogen bonding. <i>Chemical Communications</i> , 2016, 52, 5527-5530.	2.2	74
28	Molecular modelling studies of N-salicylideneamino acidato complexes of oxovanadium(IV). Molecular and crystal structure of a new dinuclear LOVIV-O-VOL mixed valence complex. <i>Dalton Transactions RSC</i> , 2002, , 4407.	2.3	72
29	Acyliothiureas as anion transporters: the effect of intramolecular hydrogen bonding. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 62-72.	1.5	71
30	Interlocked Host Anion Recognition by an Indolocarbazole-Containing [2]Rotaxane. <i>Journal of the American Chemical Society</i> , 2009, 131, 4937-4952.	6.6	70
31	Anion- and Solvent-Induced Rotary Dynamics and Sensing in a Perylene Diimide [3]Catenane. <i>Journal of the American Chemical Society</i> , 2017, 139, 9026-9037.	6.6	64
32	Selective recognition of tetrahedral dianions by a hexaaza cryptand receptor. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4661.	1.5	62
33	Chiral halogen and chalcogen bonding receptors for discrimination of stereo- and geometric dicarboxylate isomers in aqueous media. <i>Chemical Communications</i> , 2018, 54, 10851-10854.	2.2	62
34	Rotaxanes Capable of Recognising Chloride in Aqueous Media. <i>Chemistry - A European Journal</i> , 2010, 16, 13082-13094.	1.7	61
35	Bis(calix[4]diquinone) Receptors: Cesium- and Rubidium-Selective Redox-Active Ionophores. <i>Journal of the American Chemical Society</i> , 2003, 125, 5774-5785.	6.6	60
36	C=O bonded dimers in 2-methoxy-benzaldehyde studied by X-ray crystallography, vibrational spectroscopy, and ab initio calculations. <i>Chemical Physics Letters</i> , 2002, 356, 318-324.	1.2	58

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37	Sulfate anion-templated assembly of a [2]catenane. <i>Chemical Communications</i> , 2008, , 4610.	2.2	58
38	Bonding and structural preferences of indenyl complexes: $MInd_2Ln$ ($n=0\text{--}3$). <i>Coordination Chemistry Reviews</i> , 2002, 230, 49-64.	9.5	54
39	Rull Electron Transfer Systems Containing S-Donor Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 2250-2259.	1.9	53
40	Tunable transmembrane chloride transport by bis-indolylureas. <i>Chemical Science</i> , 2012, 3, 1436.	3.7	53
41	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> , 2000, 24, 511-517.	1.4	52
42	Synthesis, bonding and dynamic behavior of $fac-[Mo(II)(CO)_2(\bar{i}-3\text{-allyl})]$ derivatives. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 197-208.	0.8	51
43	Anion induced and inhibited circumrotation of a [2]catenane. <i>Chemical Communications</i> , 2008, , 1281.	2.2	50
44	The Green Box: An Electronically Versatile Perylene Diimide Macrocyclic Host for Fullerenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 349-364.	6.6	48
45	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> , 2001, 123, 10595-10606.	6.6	47
46	Cu(I) and Ag(I) complexes of chalcogenide derivatives of the organometallic ligand dppf and the dppa analogue. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2808-2819.	0.8	47
47	Vanadyl cationic complexes as catalysts in olefin oxidation. <i>Dalton Transactions</i> , 2015, 44, 5125-5138.	1.6	47
48	Heptacoordinate tricarbonyl Mo(II) complexes as highly selective oxidation homogeneous and heterogeneous catalysts. <i>Journal of Catalysis</i> , 2008, 256, 301-311.	3.1	46
49	Synthesis and structural characterisation of new Rull[12]aneS4 complexes with polypyridylic and related ligands. <i>New Journal of Chemistry</i> , 1999, 23, 1015-1025.	1.4	45
50	Origin of Enantioselectivity in Palladium-Catalyzed Asymmetric Allylic Alkylation Reactions Using Aminophosphine Ligands. <i>Organometallics</i> , 2002, 21, 315-325.	1.1	45
51	A Trinuclear Copper(II) Cryptate and Its $\frac{1}{4}$ CO_3 Cascade Complex: Thermodynamics, Structural and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 11193-11203.	1.7	44
52	Polynuclear molybdenum and tungsten complexes of 3-hydroxypicolinic acid and the crystal structures of $(nBu_4N)_2[Mo_4O_{12}(picOH)_2]$ and $(nHex_4N)_2[Mo_2O_6(picOH)_2]$. <i>Dalton Transactions RSC</i> , 2001, , 3196-3201.	2.3	43
53	Anion binding in aqueous media by a tetra-triazolium macrocycle. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6951.	1.5	41
54	Structural characterisation of new Rull[9]aneS3 polypyridylic complexes. <i>Dalton Transactions RSC</i> , 2000, , 4422-4431.	2.3	40

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55	Lanthanide complexes of 2-hydroxynicotinic acid: synthesis, luminescence properties and the crystal structures of $[Ln(HnicO)_2(\frac{1}{4}HnicO)(H_2O)] \cdot nH_2O$ (Ln=Tb, Eu). <i>Polyhedron</i> , 2003, 22, 3529-3539.	1.0	39
56	Thallium I ⁻ -Cation Complexation by Calix[4]tubes: 205TI NMR and X-ray Evidence. <i>Inorganic Chemistry</i> , 2003, 42, 729-734.	1.9	39
57	Recognition of Oxalate by a Copper(II) Polyaza Macrobicyclic Complex. <i>Chemistry - A European Journal</i> , 2011, 17, 7020-7031.	1.7	38
58	Nitrogen donor ligands bearing N-H groups: Effect on catalytic and cytotoxic activity of molybdenum π -3-allyldicarbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3411-3418.	0.8	37
59	Anion Recognition by a Macrobicycle Based on a Tetraoxadiazza Macrocyclic and an Isophthalamide Head Unit. <i>Journal of Organic Chemistry</i> , 2009, 74, 4819-4827.	1.7	37
60	Spectroscopic studies of solid β -trehalose. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1996, 52, 1649-1659.	2.0	36
61	Chemical Transformations of Mono- and Bis(buta-1,3-dienyl)porphyrins: A New Synthetic Approach to Mono- and Dibenzo porphyrins. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 704-712.	1.2	35
62	A Chiral Halogen Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. <i>Angewandte Chemie</i> , 2018, 130, 593-597.	1.6	35
63	Coordination modes of 2-hydroxynicotinic acid in second- and third-row transition metal complexes. <i>Polyhedron</i> , 2002, 21, 2783-2791.	1.0	34
64	Mo(II) complexes: A new family of cytotoxic agents?. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 1171-1177.	1.5	34
65	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> , 2001, 625, 186-194.	0.8	33
66	Dicarboxylate Recognition by Two Macrobicyclic Receptors: Selectivity for Fumarate over Maleate. <i>Journal of Organic Chemistry</i> , 2012, 77, 4611-4621.	1.7	32
67	Synthesis, structural characterization, cytotoxic properties and DNA binding of a dinuclear copper(II) complex. <i>Journal of Inorganic Biochemistry</i> , 2016, 161, 9-17.	1.5	32
68	Recognition of dicarboxylate anions by a ditopic hexaazamacrocyclic containing bis-p-xylyl spacers. <i>New Journal of Chemistry</i> , 2006, 30, 247.	1.4	31
69	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> , 2014, 418, 171-179.	1.2	31
70	Bis- and tris-(methylphosphonic) acid derivatives of a 14-membered tetraazamacrocyclic containing pyridine: synthesis, protonation and complexation studies. <i>Dalton Transactions</i> , 2004, , 1812-1822.	1.6	30
71	Investigating the Imidazolium ⁺ -Anion Interaction through the Anion-Templated Construction of Interpenetrated and Interlocked Assemblies. <i>Chemistry - A European Journal</i> , 2011, 17, 12955-12966.	1.7	30
72	Structural characterisation of Ru(II) polypyridyl complexes by NMR spectroscopy and single crystal X-ray diffraction. <i>Polyhedron</i> , 1997, 16, 393-401.	1.0	29

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73	Fluorinated synthetic anion carriers: experimental and computational insights into transmembrane chloride transport. <i>Chemical Science</i> , 2019, 10, 1976-1985.	3.7	29
74	Synthesis and spectroscopic characterisation of binuclear molybdenum-rhenium complexes. <i>Polyhedron</i> , 1998, 17, 1091-1102.	1.0	28
75	Novel charge transfer supramolecular assemblies with Keggin anions and 2-amino-5-nitropyridine. <i>Dalton Transactions</i> , 2006, , 1197-1203.	1.6	28
76	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. <i>Organometallics</i> , 2012, 31, 4495-4503.	1.1	28
77	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie</i> , 2016, 128, 11235-11242.	1.6	28
78	Thiacalix[4]tube: synthesis, X-ray crystal structure and preliminary binding studies Electronic supplementary information (ESI) available: full experimental details, including synthesis and characterisation of 4 and 5, and the crystallographic study of 6. See http://www.rsc.org/suppdata/nj/b1/b106094p/ . <i>New Journal of Chemistry</i> , 2001, 25, 1355-1358.	1.4	27
79	Ru(II) Complexes Incorporating Tetrathiamacrocycles: Synthesis and Conformational Analysis. <i>Chemistry - A European Journal</i> , 2005, 11, 2031-2046.	1.7	27
80	Design of selective macrocyclic ligands for the divalent first-row transition-metal ions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1063-1072.	1.1	26
81	Methyl pyridine derivatives of 14-membered tetraaza macrocycles. A new host with high selectivity for cadmium. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 4331-4339.	1.1	26
82	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> , 2001, , 1462-1471.	2.3	26
83	Dinuclear copper and zinc complexes of a hexaazamacrocycle containing p-xylyl spacers and bridging anions: theoretical and spectroscopic studies. <i>Dalton Transactions</i> , 2003, , 4261-4270.	1.6	26
84	Two macrocyclic pentaaza compounds containing pyridine evaluated as novel chelating agents in copper(II) and nickel(II) overload. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 410-419.	1.5	26
85	Synthesis and antibacterial activity of pyridylselenium compounds: Self-assembly of bis(3-bromo-2-pyridyl)diselenide via intermolecular secondary and π - π stacking interactions. <i>Journal of Organometallic Chemistry</i> , 2014, 766, 57-66.	0.8	26
86	New Cu(I) and Ag(I) binuclear complexes containing the dppa ligand. <i>Dalton Transactions RSC</i> , 2002, , 4365-4374.	2.3	25
87	Hexaazamacrocycle Containing Pyridine and Its Dicopper Complex as Receptors for Dicarboxylate Anions. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4550-4561.	1.0	25
88	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> , 2007, 72, 4023-4034.	1.7	25
89	trans-Methylpyridine cyclen versus cross-bridged trans-methylpyridine cyclen. Synthesis, acid-base and metal complexation studies (metal = Co ²⁺ , Cu ²⁺ , and Zn ²⁺). <i>Dalton Transactions</i> , 2011, 40, 4514.	1.6	25
90	A new redox-responsive 14-membered tetraazamacrocycle with ferrocenylmethyl arms as receptor for sensing transition-metal ions. <i>Dalton Transactions RSC</i> , 2000, , 1907-1916.	2.3	24

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91	Mono- and binuclear bipyridyl derivatives of the Mo(η -3-C ₃ H ₅)(CO) ₂ fragment: structural studies and fluxionality in solution. <i>Journal of Organometallic Chemistry</i> , 2003, 687, 57-68.	0.8	24
92	N-Salicylideneamino acidato complexes of oxovanadium(IV). The cysteine and penicillamine complexes. <i>Dalton Transactions</i> , 2004, , 2855.	1.6	24
93	Synthesis and properties of new trinuclear Mo(II) complexes containing imidazole and benzimidazole ferrocene units. <i>Inorganica Chimica Acta</i> , 2008, 361, 1584-1596.	1.2	24
94	Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. <i>Tetrahedron</i> , 2010, 66, 8544-8550.	1.0	23
95	Full elucidation of the transmembrane anion transport mechanism of squaramides using <i>in silico</i> investigations. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20796-20811.	1.3	23
96	Design of Protonated Polyazamacrocycles Based on Phenanthroline Motifs for Selective Uptake of Aromatic Carboxylate Anions and Herbicides. <i>Chemistry - A European Journal</i> , 2009, 15, 3277-3289.	1.7	22
97	Evaluation of the binding ability of tetraaza[2]arene[2]triazine receptors anchoring L-alanine units for aromatic carboxylate anions. <i>Tetrahedron</i> , 2012, 68, 670-680.	1.0	22
98	Tilting and Tumbling in Transmembrane Anion Carriers: Activity Tuning through n-Alkyl Substitution. <i>Chemistry - A European Journal</i> , 2016, 22, 2004-2011.	1.7	22
99	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> , 1996, , 4543-4553.	1.1	21
100	New Synthetic Pathway to Mono- and Bis-indenyl Complexes of Molybdenum(IV). <i>Organometallics</i> , 1998, 17, 5782-5788.	1.1	21
101	Synthesis, X-ray structures, electrochemistry, magnetic properties, and theoretical studies of the novel monomeric [Co ₂ (dppfO ₂)] and polymeric chain [Co ₂ ($\frac{1}{4}$ -dppfO ₂) _n]. <i>Dalton Transactions RSC</i> , 2002, , 4595-4602.	2.3	21
102	Dicopper(II) complexes of a new di-para-xylyldioxatetraazamacrocycle and cascade species with dicarboxylate anions: thermodynamics and structural properties. <i>Dalton Transactions</i> , 2007, , 2431-2439.	1.6	21
103	Copper Complexes of New Benzodioxotetraaza Macrocycles with Potential Applications in Nuclear Medicine. <i>Inorganic Chemistry</i> , 2007, 46, 3144-3153.	1.9	21
104	Organic-inorganic hybrid materials based on iron(III)-polyoxotungstates and 1-butyl-3-methylimidazolium cations. <i>Dalton Transactions</i> , 2012, 41, 12145.	1.6	21
105	Halide selective anion recognition by an amide-triazolium axle containing [2]rotaxane. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4924-4931.	1.5	21
106	Molecular structure, bonding, and reactions of Mo(η -5-C ₅ H ₅) ₂ derivatives containing phosphorus ligands. Crystal structures of [Mo(η -5-C ₅ H ₅) ₂ H(PPH ₃)]I \cdot 2O and [Mo(η -5-C ₅ H ₅) ₂ (CH ₃)(PPH ₃)]PF ₆ . <i>Journal of Organometallic Chemistry</i> , 1990, 391, 345-360.	0.8	20
107	Selectivity of calix[4]tubes towards metal ions: A molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 3849-3858.	1.3	20
108	Halo-Derivatized Calix[4]tubes. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1232-1239.	1.5	20

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109	Synthesis and Theoretical Studies of a Double Helical Complex with the Ligand 4,4'-Bis(ferrocenyl)-2,2':6,6'-bipyridine. <i>European Journal of Inorganic Chemistry</i> , 2004, 3038-3047.	1.6	20
110	Bis[1,1'-N,N'-bis(2-picolyl)aminomethyl]ferrocene as a redox sensor for transition metal ions. <i>Dalton Transactions</i> , 2004, , 1743-1751.	1.6	20
111	Second sphere coordination in anion binding: Synthesis, Characterization and X-ray structure of tris(1,10-phenanthroline)cobalt(III) periodate dihydrate, [Co(phen) ₃](IO ₄) ₃ ·2H ₂ O. <i>Journal of Molecular Structure</i> , 2008, 888, 291-299.	1.8	20
112	Anion templated assembly of [2]catenanes capable of chloride anion recognition in aqueous solvent media. <i>RSC Advances</i> , 2011, 1, 995.	1.7	20
113	Synthesis, characterization, structure and properties of copper and palladium complexes incorporating azo-amide ligands. <i>Polyhedron</i> , 2014, 79, 43-51.	1.0	20
114	Ruthenium and palladium complexes incorporating amino-azo-phenol ligands: Synthesis, characterization, structure and reactivity. <i>Inorganica Chimica Acta</i> , 2015, 429, 122-131.	1.2	20
115	Synthesis, characterization, structure and catalytic activity of (NNN) tridentate azo-imine nickel(II), palladium(II) and platinum(II) complexes. <i>Polyhedron</i> , 2016, 106, 171-177.	1.0	20
116	Synthesis, characterization, spectral and catalytic activity of tetradentate (NNNO) azo-imine Schiff base copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 479, 221-228.	1.2	20
117	An NMR and single-crystal X-ray diffraction structural study of Rull [12]aneS ₄ polypyridyl complexes. <i>Polyhedron</i> , 1997, 16, 3293-3304.	1.0	19
118	Structural characterization of cobalt(III), nickel(II), copper(II) and iron(III) complexes of tetraazamacrocycles with N-carboxymethyl arms. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3253-3265.	1.1	19
119	Coordination modes of 2-mercaptopyridine: synthesis and crystal structures of palladium(ii), platinum(ii), rhenium(iii) and molybdenum(vi) complexes. <i>Dalton Transactions RSC</i> , 2002, , 4479-4487.	2.3	19
120	C-H...O Hydrogen bonding in 4-phenyl-benzaldehyde: A comprehensive crystallographic, spectroscopic and computational study. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 3027.	1.3	19
121	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> , 2006, 17, 3248-3264.	1.8	19
122	Binding studies of a protonated dioxatetraazamacrocycle with carboxylate substrates. <i>Tetrahedron</i> , 2008, 64, 5392-5403.	1.0	19
123	sugE: A gene involved in tributyltin (TBT) resistance of <i>Aeromonas molluscorum</i> Av27. <i>Journal of General and Applied Microbiology</i> , 2013, 59, 39-47.	0.4	19
124	Synthesis, electrochemical behaviour and structural characterization of the mercury complex [Hg([18]aneN ₆)] ²⁺ ·(HgCl ₄) ²⁻ . <i>Polyhedron</i> , 1993, 12, 931-937.	1.0	18
125	Cyclam derivatives containing three acetate pendant arms: synthesis, acid-base, metal complexation and structural studies. <i>Dalton Transactions</i> , 2008, , 6593.	1.6	18
126	Dimetallic complexes of macrocycles with two rigid dibenzofuran units as receptors for detection of anionic substrates. <i>Dalton Transactions</i> , 2010, 39, 9579.	1.6	18

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127	Syntheses and Crystal Structures of Polynuclear Cu(I) Complexes Containing the 1,1- ϵ^2 -Bis-(diphenylphosphino)-ferrocene Ligand. <i>Monatshefte für Chemie</i> , 2000, 131, 1253-1265.	0.9	17
128	Interaction of Ruthenium(II)-dipyridophenazine Complexes with CT-DNA: Effects of the Polythioether Ancillary Ligands. <i>Metal-Based Drugs</i> , 2001, 8, 125-136.	3.8	17
129	Metal complexes of dipyridine hexaaza macrocycles. Structural differences between 18- and 20-membered macrocycles on complexation. <i>Dalton Transactions RSC</i> , 2002, , 3539.	2.3	17
130	Synthesis and crystal structure of $[\text{nBu}_4\text{N}][\text{Er}(\text{pic})_4]\cdot 5.5\text{H}_2\text{O}$: a new infrared emitter. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1234-1238.	1.8	17
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