Mir W Hosseini

List of Publications by Year
in descending order

307	12,549	28190 55	38300 95
papers	citations	h-index	g-index

338	338	338	7892
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bipyridine:Â The Most Widely Used Ligand. A Review of Molecules Comprising at Least Two 2,2â€˜-Bipyridine Units. Chemical Reviews, 2000, 100, 3553-3590.	23.0	1,042
2	Molecular Tectonics:â€‰ From Simple Tectons to Complex Molecular Networks. Accounts of Chemical Research, 2005, 38, 313-323.	7.6	724
3	Anion receptor molecules. Synthesis and anion-binding properties of polyammonium macrocycles. Journal of the American Chemical Society, 1981, 103, 1282-1283.	6.6	320
4	Multiple molecular recognition and catalysis. A multifunctional anion receptor bearing an anion binding site, an intercalating group, and a catalytic site for nucleotide binding and hydrolysis. Journal of the American Chemical Society, 1990, 112, 3896-3904.	6.6	273
5	Molecular tectonics: from molecular recognition of anions to molecular networks. Coordination Chemistry Reviews, 2003, 240, 157-166.	9.5	230
6	Thiacalixarenes: Synthesis and structural analysis of thiacalix[4]arene and of p-tert-butylthiacalix[4]arene. Tetrahedron Letters, 1998, 39, 2311-2314.	0.7	197
7	Anion receptor molecules. Chain length dependent selective binding of organic and biological dicarboxylate anions by ditopic polyammonium macrocycles. Journal of the American Chemical Society, 1982, 104, 3525-3527.	6.6	196
8	Synthesis and Structural Analysis of a Helical Coordination Polymer Formed by the Self-Assembly of a 2,2â€²-Bipyridine-Basedexo-Ditopic Macrocyclic Ligand and Silver Cations. Angewandte Chemie - International Edition, 1998, 37, 920-922.	7.2	191
9	Reflexion on molecular tectonics. CrystEngComm, 2004, 6, 318.	1.3	172
10	Anion Coreceptor Molecules. Linear Molecular Recognition in the Selective Binding of Dicarboxylate Substrates by Ditopic Polyammonium Macrocycles. Helvetica Chimica Acta, 1986, 69, 587-603.	1.0	152
11	Efficient Molecular Catalysis of ATP-Hydrolysis by Protonated Macrocyclic Polyamines. Helvetica Chimica Acta, 1983, 66, 2454-2466.	1.0	149
12	Self-assembly and generation of complexity. Chemical Communications, 2005, , 5825.	2.2	133
13	Ferric ion sequestering agents. 22. Synthesis and characterization of macrobicyclic iron(III) sequestering agents. Journal of the American Chemical Society, 1991, 113, 2965-2977.	6.6	129
14	Supramolecular catalysis in the hydrolysis of ATP facilitated by macrocyclic polyamines: mechanistic studies. Journal of the American Chemical Society, 1987, 109, 537-544.	6.6	123
15	Binding of AMP, ADP, and ATP Nucleotides by Polyammonium Macrocycles. Helvetica Chimica Acta, 1987, 70, 1312-1319.	1.0	111
16	Molecular Tectonics on Surfaces: Bottom-Up Fabrication of 1D Coordination Networks That Form 1D and 2D Arrays on Graphite. Angewandte Chemie - International Edition, 2007, 46, 245-249.	7.2	110
17	Systematic Structural Coordination Chemistry of p-tert-Butyltetrathiacalix[4]arene:â€‰ 1. Group 1 Elements and Congeners. Inorganic Chemistry, 2001, 40, 672-686.	1.9	107
18	Reversible single-crystal-to-single-crystal guest exchange in a 3-D coordination network based on a zinc porphyrin. Chemical Communications, 2005, , 3906.	2.2	107

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19	Supramolecular catalysis: polyammonium macrocycles as enzyme mimics for phosphoryl transfer in ATP hydrolysis. Journal of the American Chemical Society, 1989, 111, 6330-6335.	6.6	99
20	The Simultaneous Use of H-Bonding and Coulomb Interactions for the Self-Assembly of Fumaric Acid and Cyclic Bisamidine into One- and Two-Dimensional Molecular Networks. Angewandte Chemie International Edition in English, 1997, 36, 102-104.	4.4	97
21	Porphyrin lanthanide complexes for NIR emission. Coordination Chemistry Reviews, 2012, 256, 1468-1478.	9.5	93
22	Thiacalixarenes as cluster keepers: synthesis and structural analysis of a magnetically coupled tetracopper(II) square. Chemical Communications, 1999, , 373-374.	2.2	92
23	Charge-assisted Nâ€“H(+)Â·Â·Â·O(-) and Oâ€“HÂ·Â·Â·O(-) hydrogen bonds control the supramolecular aggregation of ferrocenedicarboxylic acid and bis-amidines. New Journal of Chemistry, 2000, 24, 547-553.	1.4	88
24	Anion-receptor molecules: Macrocyclic and macrobicyclic effects on anion binding by polyammonium receptor molecules. Helvetica Chimica Acta, 1988, 71, 749-756.	1.0	87
25	Dipyrrin based luminescent cyclometallated palladium and platinum complexes. Dalton Transactions, 2010, 39, 180-184.	1.6	87
26	Molecular tectonics: from enantiomerically pure sugars to enantiomerically pure triple stranded helical coordination network. Chemical Communications, 2003, , 1336-1337.	2.2	86
27	Molecular Recognition of NADP(H) and ATP by Macrocyclic Polyamines Bearing Acridine Groups. Helvetica Chimica Acta, 1997, 80, 786-803.	1.0	82
28	Molecular Tectonics: Control of Reversible Water Release in Porous Charge-Assisted H-Bonded Networks. Journal of the American Chemical Society, 2008, 130, 17106-17113.	6.6	82
29	Synthesis of Macrobicyclic Polyamines by Direct Macrobicyclisationvia Tripode-Tripode Coupling. Helvetica Chimica Acta, 1985, 68, 289-299.	1.0	76
30	Ferric ion sequestering agents. 17. Macrobicyclic iron(III) sequestering agents. Journal of the American Chemical Society, 1987, 109, 7196-7198.	6.6	76
31	Molecular tectonics: infinite cationic double stranded helical coordination networks. Chemical Communications, 2003, , 472-473.	2.2	76
32	Exo-ligands based on two p-aminopyridine interconnection by tuneable alkyl chains: design, synthesis and structural analysis of silver and palladium metallamacrocycles. Chemical Communications, 1998, , 1625-1626.	2.2	74
33	Synthesis and solid state structural analysis of conformers of tetrakis((ethoxycarbonyl)methoxy)tetrathiacalix[4]arene. Tetrahedron Letters, 1999, 40, 2113-2116.	0.7	74
34	Beyond classical coordination: silverâ€“Ï€ interactions in metal dipyrrin complexes. Chemical Communications, 2007, , 2252-2254.	2.2	74
35	Sulfone-calixarenes: a new class of molecular building block. Chemical Communications, 1998, , 1345-1346.	2.2	70
36	A molecular approach to solid-state synthesis: prediction and synthesis of self-assembled infinite rods. Journal of the Chemical Society Chemical Communications, 1994, , 2135.	2.0	69

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37	Tetrasulfinylcalix[4]arenes: Synthesis and solid state structural analysis. Tetrahedron Letters, 1999, 40, 1129-1132.	0.7	69
38	Metallatubulane: synthesis and structural analysis of an infinite tubular coordination network formed by the self-assembly of a tetracyanocyclophane and silver cations. Chemical Communications, 2000, , 239-240.	2.2	69
39	Photophysical, electrochemical and electrochromic properties of copper-bis(4,4â€²-dimethyl-6,6â€²-diphenyl-2,2â€²-bipyridine) complexes. Coordination Chemistry Reviews, 2002, 230, 253-261.	9.5	68
40	Many Faces of Dipyrrins:â€‰ from Hydrogen-Bonded Networks to Homo- and Heteronuclear Metallamacrocycles. Inorganic Chemistry, 2008, 47, 766-768.	1.9	68
41	Supramolecular catalysis of phosphoryl transfer: cocatalysis of pyrophosphate synthesis from acetyl phosphate mediated by macrocyclic polyamines. Journal of the American Chemical Society, 1987, 109, 7047-7058.	6.6	67
42	Crystal engineering: molecular networks based on inclusion phenomena. Chemical Communications, 1998, , 727-734.	2.2	67
43	Synthesis and structural analysis of an infinite linear coordination network formed by the self-assembly of tetracyanocalix[4]arene ligands and silver cations. Chemical Communications, 1998, , 2545-2546.	2.2	67
44	Design, synthesis and structural investigation of a 2-D coordination network based on the self-assembly of the tetracarboxylate derivative of tetrathiacalix[4]arene and silver cation. Chemical Communications, 2000, , 2219-2220.	2.2	67
45	Non-centrosymmetric packing of 1-D coordination networks based on chirality. Chemical Communications, 2002, , 1898-1899.	2.2	67
46	Control of the photochemical reactivity of coordination compounds by formation of supramolecular structures: the case of the hexacyanocobaltate(III) anion associated with polyammonium macrocyclic receptors. Journal of the American Chemical Society, 1985, 107, 6888-6892.	6.6	65
47	Second sphere supramolecular chirality: racemic hybrid H-bonded 2-D molecular networks. Chemical Communications, 2002, , 702-703.	2.2	65
48	Synthesis of mono- and difunctionalized ditopic [24]N6O2 macrocyclic receptor molecules. Journal of Organic Chemistry, 1987, 52, 1662-1666.	1.7	63
49	Assembly of Heteroleptic Copper Complexes with Silver Salts: From Discrete Trinuclear Complexes to Infinite Networks. Inorganic Chemistry, 2010, 49, 331-338.	1.9	63
50	Comparative study of the copper(II) cryptates of C-BISTREN and O-BISTREN. Protonation constants, formation constants, and secondary anion bridging by fluoride and hydroxide. Inorganic Chemistry, 1988, 27, 3630-3636.	1.9	62
51	Koilands from thiophiles: mercury(ii) clusters from thiacalixarenes. Chemical Communications, 2002, , 1042-1043.	2.2	61
52	Heterometallic coordination polymers incorporating dipyrrin based heteroleptic copper and cobalt complexes: to Agâ€“Ï€ or not?. Dalton Transactions, 2012, 41, 7227.	1.6	58
53	Molecular tectonics: on the role of counter-ions in the dimensionality of silver coordination networks. CrystEngComm, 2005, 7, 624.	1.3	57
54	Additives for the crystallization of proteins and nucleic acids. Journal of Crystal Growth, 1999, 196, 365-376.	0.7	56

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55	Synthesis and structural analysis of mercaptothiacalix[4]arene. Chemical Communications, 1999, , 2169-2170.	2.2	56
56	Synthetic polyamines stimulatein vitrotranscription by T7 RNA polymerase. Nucleic Acids Research, 1994, 22, 2784-2790.	6.5	55
57	Exoditopic receptors I: synthesis and structural studies on p-tert-butyltetramercaptocalix[4]arene and its mercury complexes. Journal of the Chemical Society Chemical Communications, 1994, , 1579.	2.0	55
58	Alkoxo-bridged copper(ii) complexes as nodes in designing solid-state architectures. The interplay of coordinative and d10â€“d10metalâ€“metal interactions in sustaining supramolecular solid-state architectures. Dalton Transactions, 2005, , 1195-1202.	1.6	55
59	Excited State Properties and Energy Transfer within Dipyrrinâ€Based Binuclear Iridium/Platinum Dyads: The Effect of orthoâ€Methylation on the Spacer. Chemistry - A European Journal, 2012, 18, 4041-4050.	1.7	55
60	Molecular tectonics I: The first synthesis and X-ray analysis of a linear koilate obtained by self-assembly of linear koilands and hexadiyne. Tetrahedron Letters, 1996, 37, 1401-1404.	0.7	54
61	Double stranded interwound infinite linear silver coordination network. Chemical Communications, 2001, , 1242-1243.	2.2	54
62	Molecular tectonics and supramolecular chirality: rational design of hybrid 1-D and 2-D H-bonded molecular networks based on bis-amidinium dication and metal cyanide anions. CrystEngComm, 2002, 4, 447-453.	1.3	54
63	Heterometallic Architectures Based on the Combination of Heteroleptic Copper and Cobalt Complexes with Silver Salts. Inorganic Chemistry, 2010, 49, 11231-11239.	1.9	54
64	Self-Assembly of Pyrazolyl Based Ligands and Silver Cation into Metallamacrocycles and Tubular Coordination Networks. European Journal of Inorganic Chemistry, 1999, 1999, 1981-1985.	1.0	53
65	Design and structural analysis of interpenetrated 3-D co-ordination networks formed by self-assembly using tetrapyridinocyclophane and silver cations. New Journal of Chemistry, 2001, 25, 207-209.	1.4	53
66	Porphyrin based molecular turnstiles. Chemical Communications, 2010, 46, 3508.	2.2	52
67	Multicavitands I: Synthesis and X-ray crystal structure of a bis p-tert-butylcalix[4]arene fused by two silicon atoms. Tetrahedron Letters, 1993, 34, 3285-3288.	0.7	51
68	Molecular tectonics: modulation of size and shape of cuboid 3-D coordination networks. CrystEngComm, 2009, 11, 189-191.	1.3	50
69	Phase transition of a perovskite strongly coupled to the vacuum field. Nanoscale, 2014, 6, 7243-7248.	2.8	50
70	Multicavitands II: Synthesis of a non centrosymmetric hollow molecular unit (koiland) based on fusion of two p-tert-butylcalix[4]arenes by both silicon and titanium atoms. Tetrahedron Letters, 1993, 34, 7561-7564.	0.7	49
71	Design, synthesis, structural analysis and atropoisomerisation studies of polynucleating ligands based on porphyrins bearing catechol unitsDedicated to H. B. Kagan on the occasion of his 71st birthday.. New Journal of Chemistry, 2002, 26, 43-57.	1.4	49
72	Combination of primary amide and dipyrrin for the elaboration of extended architectures built upon both coordination and hydrogen bonding. CrystEngComm, 2009, 11, 1245.	1.3	48

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73	A Unique Rare-Earth Cluster within a Calixarene Sandwich: Parallels in the Chemistry of Cyclosiloxanes and Calixarenes. Australian Journal of Chemistry, 2000, 53, 895.	0.5	47
74	Molecular tectonics: generation of 2-D molecular networks by combination of coordination and hydrogen bonds. New Journal of Chemistry, 2006, 30, 71-76.	1.4	47
75	Carboxylic Acid Appended Dipyrrin for the Formation of a Hexanuclear Iridium/Copper Paddlewheel Complex. Inorganic Chemistry, 2010, 49, 8659-8661.	1.9	47
76	Molecular braids: quintuple helical hydrogen bonded molecular networkâ€. Chemical Communications, 1999, , 2313-2314.	2.2	45
77	Crystal engineering of 2-D hydrogen bonded molecular networks based on the self-assembly of anionic and cationic modules. Chemical Communications, 2000, , 281-282.	2.2	45
78	Molecular tectonics: design of luminescent H-bonded molecular networks. Chemical Communications, 2004, , 2270.	2.2	45
79	Controlling the formation of discrete complexes or a 1-D directional coordination network by the binding ability of anions. Chemical Communications, 2001, , 1114-1115.	2.2	44
80	A Silver Bite: Crystalline Heterometallic Architectures Based on Agâ€“Ï€ Interactions with a Bisâ€Dipyrrin Zinc Helicate. Chemistry - A European Journal, 2014, 20, 2449-2453.	1.7	44
81	Molecular tectonics: on the formation of 1-D silver coordination networks by thiacalixarenes bearing nitrile groups. Dalton Transactions, 2007, , 5126.	1.6	43
82	Sequential Generation of One-Dimensional Networks Based on a Differentiated Bischelate-Type Ligand Bearing Both 4,5-Diazafluorene and Dithiolene Units. Inorganic Chemistry, 2006, 45, 5260-5262.	1.9	42
83	Molecular Tectonics at the Solid/Liquid Interface: Controlling the Nanoscale Geometry, Directionality, and Packing of 1D Coordination Networks on Graphite Surfaces. Advanced Materials, 2009, 21, 1131-1136.	11.1	42
84	Design and Synthesis of Sn-Porphyrin Based Molecular Gates. Inorganic Chemistry, 2010, 49, 1872-1883.	1.9	42
85	Luminescent Coordination Polymers Based on Selfâ€Assembled Cadmium Dipyrrin Complexes. Chemistry - A European Journal, 2013, 19, 3215-3223.	1.7	42
86	Molecular tectonics II: Synthesis of molecular sheets by self-assembly of complementary molecular units in the solid state. Tetrahedron Letters, 1996, 37, 1405-1408.	0.7	41
87	Molecular tectonics: geometry and energy based analysis of coordination networks. New Journal of Chemistry, 2004, 28, 897.	1.4	41
88	A molecular gate based on a porphyrin and a silver lock. Chemical Communications, 2007, , 2935.	2.2	41
89	Synthesis and structural studies on p-tert-butyl-1,3-dihydroxy-2,4-disulfanylcalix[4]arene and its mercury complex. Journal of the Chemical Society Chemical Communications, 1995, , 609.	2.0	40
90	From Sequential to One-Pot Synthesis of Dipyrrin Based Grid-Type Mixed Metalâ€“Organic Frameworks. Inorganic Chemistry, 2013, 52, 14439-14448.	1.9	40

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91	Molecular tectonics based nanopatterning of interfaces with 2D metalâ€“organic frameworks (MOFs). Chemical Communications, 2014, 50, 12250-12253.	2.2	40
92	Synthesis and solid state structural analysis of 1,3-alternate conformer of tetrathiacalix[4]arene tetra-ester, -acid and -ether derivatives. Tetrahedron Letters, 2000, 41, 3601-3606.	0.7	39
93	From Tectons to Composite Crystals. Crystal Growth and Design, 2005, 5, 2310-2312.	1.4	39
94	Playing with isostructurality: from tectons to molecular alloys and composite crystals. Chemical Communications, 2009, , 1559.	2.2	38
95	Giant Coreâ€“Shell Nanospherical Clusters Composed of 32 Co or 32 Ni Atoms Held by 6 p-tert-Butylthiacalix[4]arene Units. Inorganic Chemistry, 2012, 51, 5481-5486.	1.9	38
96	Redox properties and stability constants of anion complexes. An electrochemical study of the complexation of metal hexacyanide anions by polyammonium macrocyclic receptor molecules. Journal of the Chemical Society Chemical Communications, 1981, , 1067.	2.0	37
97	Multiple molecular recognition and catalysis. Nucleotide binding and ATP hydrolysis by a receptor molecule bearing an anion binding site, an intercalator group, and a catalytic site. Journal of the Chemical Society Chemical Communications, 1988, , 596.	2.0	37
98	Design of 3-D coordination networks: topology and metrics. Chemical Communications, 2002, , 218-219.	2.2	37
99	Molecular tectonics: generation of 1-D interdigitated and 2-D interwoven helical silver coordination networks by oligoethylene glycol based tectons bearing two benzonitrile moieties. New Journal of Chemistry, 2007, 31, 25-32.	1.4	37
100	Stepwise construction of grid-type Cu(ii)â€“Cd(ii) heterometallic MOFs based on an imidazole-appended dipyrrin ligand. Chemical Communications, 2012, 48, 10313.	2.2	37
101	Multicavitands III: Synthesis and NMR studies of a tri-directional koiland composed of three p-tert-butylcalix[4]arene units fused by two silicon atoms. Tetrahedron Letters, 1994, 35, 1711-1714.	0.7	36
102	Box-like gel capsules from heterostructures based on a coreâ€“shell MOF as a template of crystal crosslinking. Chemical Communications, 2018, 54, 1437-1440.	2.2	36
103	Binding of Boron and Alkali Metal Cations by a Pseudocryptand. Angewandte Chemie International Edition in English, 1995, 34, 1115-1117.	4.4	35
104	Molecular tectonics: control of packing of hybrid 1-D and 2-D H-bonded molecular networks formed between bisamidinium dication and cyanometallate anions. New Journal of Chemistry, 2006, 30, 1403.	1.4	35
105	Combination of hydrogen and coordination bonding for the construction of one-dimensional networks based on a 7-azaindole appended dipyrrin. CrystEngComm, 2010, 12, 2238.	1.3	35
106	Porphyrinâ€Based Switchable Molecular Turnstiles. Chemistry - A European Journal, 2011, 17, 6443-6452.	1.7	35
107	Welding Molecular Crystals. Journal of the American Chemical Society, 2015, 137, 15390-15393.	6.6	35
108	Supramolecular catalysis of adenosine triphosphate synthesis in aqueous solution mediated by a macrocyclic polyamine and divalent metal cations. Journal of the Chemical Society Chemical Communications, 1991, , 451.	2.0	34

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109	Exoditopic receptors II: Synthesis and x-ray crystal structure of a disilamacrocycle bearing two bipyridine units. Tetrahedron Letters, 1994, 35, 7233-7236.	0.7	34
110	Molecular tectonics: control of interpenetration in cuboid 3-D coordination networks. CrystEngComm, 2011, 13, 776-778.	1.3	34
111	Structural and Anion Coordination Features of Macrocyclic Polyammonium Cations in the Solid, Solution and Computational Phases. Journal of Coordination Chemistry, 1991, 23, 113-135.	0.8	33
112	Self-Assembly of Convex and Concave Molecular Tectons to Form a Linear Molecular Array in the Solid State. Angewandte Chemie International Edition in English, 1997, 36, 1760-1762.	4.4	33
113	Gradual increase in the dimensionality of cobalt and mercury coordination networks based on conformation of tetradentate tectons. New Journal of Chemistry, 2003, 27, 793-797.	1.4	33
114	Charge assisted chiral hybrid H-bonded molecular networksElectronic supplementary information (ESI) available: synthetic details. See http://www.rsc.org/suppdata/cc/b3/b301467n/. Chemical Communications, 2003, , 1224-1225.	2.2	33
115	Molecular tectonics: generation of 1- and 2-D copper coordination networks by positional isomeric tectons based on a phenylenediamine backbone bearing two isonicotinoyl moieties. New Journal of Chemistry, 2006, 30, 683.	1.4	33
116	Strappedâ€Porphyrinâ€Based Molecular Turnstiles. Chemistry - A European Journal, 2012, 18, 10419-10426.	1.7	32
117	Assembly, Disassembly, and Reassembly: Conversion of Homometallic Coordination Networks into Mixed Metalâ€“Organic Frameworks. Inorganic Chemistry, 2015, 54, 2032-2039.	1.9	32
118	On Zn(ii) 2,2â€²-bisdipyrrin circular helicates. Chemical Communications, 2015, 51, 5906-5909.	2.2	32
119	Nanopatterning of Surfaces with Monometallic and Heterobimetallic 1D Coordination Polymers: A Molecular Tectonics Approach at the Solid/Liquid Interface. Journal of the American Chemical Society, 2015, 137, 8450-8459.	6.6	32
120	Phosphorus(V) Porphyrin-Based Molecular Turnstiles. Inorganic Chemistry, 2016, 55, 10774-10782.	1.9	32
121	Tuning photochemical properties of phosphorus(<scp>v</scp>) porphyrin photosensitizers. Chemical Communications, 2017, 53, 9918-9921.	2.2	32
122	Synthesis of a 1,3-alternate tetramercapto [1.1.1.1]metacyclophane. Tetrahedron Letters, 1993, 34, 8111-8112.	0.7	31
123	Investigations on crystalline interface within a molecular composite crystal by microscopic techniques. Journal of Materials Chemistry, 2007, 17, 1559-1562.	6.7	31
124	Sensitization of the NIR emission of Nd(<scp>iii</scp>) by the Î±4 atropoisomer of a meso-tetraphenyl porphyrin bearing four 8-hydroxyquinolinylamide chelates. Chemical Communications, 2010, 46, 619-621.	2.2	31
125	From tectons to luminescent supramolecular ionic liquid crystals. Chemical Communications, 2011, 47, 734-736.	2.2	31
126	Cocatalysis: pyrophosphate synthesis from acetylphosphate catalysed by a macrocyclic polyamine. Journal of the Chemical Society Chemical Communications, 1985, , 1155.	2.0	30

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127	Design, synthesis and structural investigation of a 1-D directional coordination network based on the self-assembly of an unsymmetrical mono-tridentate ligand and cobalt cation. Chemical Communications, 2000, , 1863-1864.	2.2	30
128	Open and closed states of a porphyrin based molecular turnstile. Dalton Transactions, 2011, 40, 3517.	1.6	30
129	Sequencing and Welding of Molecular Singleâ€Crystal Optical Waveguides. Advanced Functional Materials, 2020, 30, 2003443.	7.8	30
130	Evidence for a protophosphatase catalysed cleavage of adenosine triphosphate by a dissociative-type mechanism within a receptor-substrate complex. Tetrahedron Letters, 1987, 28, 2779-2782.	0.7	29
131	Synthesis of an exo-ditopic receptor based on calix[4]arene and catechol. Tetrahedron Letters, 1996, 37, 4503-4506.	0.7	29
132	Molecular tectonics VIII: formation of 1D and 3D networks based on the simultaneous use of hydrogen bonding and ionic interactions,. New Journal of Chemistry, 1998, 22, 1389-1393.	1.4	29
133	Molecular tectonics: 3-D organisation of decanuclear silver nanoclusters. Chemical Communications, 2009, , 2514.	2.2	29
134	Molecular tectonics: pyridyl containing thiacalix[4]arene based tectons for the generation of 2- and 3-D silver coordination networks. Dalton Transactions, 2013, 42, 116-126.	1.6	29
135	Orthogonal packing of enantiomerically pure helical silver coordination networks. Chemical Communications, 2006, , 3078.	2.2	28
136	Molecular tectonics: polymorphism and enhancement of network dimensionality by a combination of primary and secondary hydrogen bond sites. Chemical Communications, 2007, , 4626.	2.2	28
137	Molecular tectonics: ribbon type coordination networks based on porphyrins bearing two pyridine or two pyridine N-oxide units. New Journal of Chemistry, 2008, 32, 99-104.	1.4	28
138	Molecular tectonics: control of pore size and polarity in 3-D hexagonal coordination networks based on porphyrins and a zinc cation. Chemical Communications, 2008, , 5104.	2.2	28
139	Molecular tectonics V: Molecular recognition in the formation of molecular networks based on hydrogen bonding and electrostatic interactions. Tetrahedron Letters, 1997, 38, 1933-1936.	0.7	27
140	Direct synthesis and structural characterisation of tri- and tetra-nuclear silver metallaknotanes by self-assembly approach. Chemical Communications, 2008, , 6191.	2.2	27
141	Molecular tectonics: tubular crystals with controllable channel size and orientation. Chemical Communications, 2010, 46, 112-114.	2.2	27
142	Molecular tectonics: gas adsorption and chiral uptake of (<scp>l</scp>)- and (<scp>d</scp>)-tryptophan by homochiral porous coordination polymers. Chemical Communications, 2017, 53, 5740-5743.	2.2	27
143	Supramolecular catalysis: substrate phosphorylations and adenosine triphosphate synthesis with acetylphosphate catalysed by a macrocycle polyamine. Journal of the Chemical Society Chemical Communications, 1988, , 397.	2.0	26
144	Molecular tectonics IV: Molecular networks based on hydrogen bonding and electrostatic interactions. Tetrahedron Letters, 1997, 38, 1755-1758.	0.7	26

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145	Self-assembly of a bis-tridentate Py2S4 ligand and cadmium cation into 1- and 2-D coordination networksâ€. Chemical Communications, 1999, , 603-604.	2.2	26
146	Design of 2-D hydrogen bonded molecular networks using pyromellitate dianion and cyclic bisamidinium dication as complementary tectons. Solid State Sciences, 2001, 3, 789-793.	1.5	26
147	Multicavitands IV: Synthesis of linear koilands obtained by fusion of calix[4]arene derivatives by silicon atoms. Tetrahedron Letters, 1996, 37, 1409-1412.	0.7	25
148	Molecular tectonics: design of 2-D networks by simultaneous use of charge-assisted hydrogen and coordination bonds. Chemical Communications, 2009, , 6786.	2.2	25
149	Dipyrrin based silver [2 + 2] metallamacrocycles. Dalton Transactions, 2011, 40, 437-445.	1.6	24
150	A platinum based organometallic turnstile. Chemical Communications, 2013, 49, 3637.	2.2	24
151	Synthesis of Polyaza Macrocyclic Ligands Incorporating Pyridine Units. Helvetica Chimica Acta, 1989, 72, 1066-1077.	1.0	23
152	Chloride Binding by Polyammonium Receptor Molecules:35Cl-NMR Studies. Helvetica Chimica Acta, 1989, 72, 1078-1083.	1.0	23
153	Porphyrin based metallamacrocycles. New Journal of Chemistry, 2006, 30, 1289.	1.4	23
154	Molecular Tectonics: Design of Enantiopure Luminescent Heterometallic Ir(III)â€“Cd(II) Coordination Network. Inorganic Chemistry, 2015, 54, 10429-10439.	1.9	23
155	Metallacyclophanes formed by a tetrapyrazolyl ligand and copper(ii) cation. Chemical Communications, 2000, , 2085-2086.	2.2	22
156	Metallacrown ethers: synthesis and structural investigation of silver metallamacrocycles. Tetrahedron Letters, 2003, 44, 1457-1460.	0.7	22
157	A stepwise approach to the formation of heterometallic discrete complexes and infinite architectures. Dalton Transactions, 2007, , 1129.	1.6	22
158	Bipyridine based exoditopic ligands: Synthesis and structural analysis of homobinuclear ruthenium complexes. Tetrahedron Letters, 1997, 38, 3901-3904.	0.7	21
159	Design, synthesis and structural analysis of exoditopic macrocyclic ligands based on bipyridine units. Tetrahedron Letters, 1997, 38, 4389-4392.	0.7	21
160	Borocryptands : Synthesis and Structural Analysis of a Lithium Borocryptate. Tetrahedron Letters, 1997, 38, 7539-7542.	0.7	21
161	Optical reading of the open and closed states of a molecular turnstile. Chemical Communications, 2014, 50, 5040-5042.	2.2	21
162	Pre-organization of clefts for Agâ€“Ï€ interactions in Zn(ii) bisdipyrrin helicates for the construction of heterometallic networks. Chemical Communications, 2016, 52, 13000-13003.	2.2	21

#	Article	IF	Citations
163	Design and Synthesis of Porphyrins Bearing Catechols. Tetrahedron Letters, 1997, 38, 2993-2996.	0.7	20
164	Cryptands revisited. Coordination Chemistry Reviews, 1998, 178-180, 1193-1209.	9.5	20
165	A platinum turnstile with a palladium lock. Dalton Transactions, 2013, 42, 9740.	1.6	20
166	Molecular tectonics: homochiral 3D cuboid coordination networks based on enantiomerically pure organic tectons and ZnSiF6. Chemical Communications, 2013, 49, 4468.	2.2	20
167	Molecular tectonics: coordination networks based on porphyrins bearing pyridine N-oxide groups as coordinating sites. New Journal of Chemistry, 2005, 29, 1508.	1.4	19
168	Octanuclear Cu(i) cubic complex decorated with six peripheral chelates. New Journal of Chemistry, 2006, 30, 1083.	1.4	19
169	Modular construction of a series of heteronuclear metallamacrocycles. Chemical Communications, 2008, , 4558.	2.2	19
170	An oscillating molecular turnstile. Dalton Transactions, 2011, 40, 5244.	1.6	19
171	Molecular tectonics: zinc coordination networks based on centric and acentric porphyrins bearing pyridyl units. Dalton Transactions, 2012, 41, 14683.	1.6	19
172	Molecular Tectonics: Control of the Dimensionality in Tetramercaptothiacalixarenes Based Coordination Networks. Inorganic Chemistry, 2013, 52, 6776-6778.	1.9	19
173	Molecular tectonics: anion control of dimensionality and connectivity in meta-pyridyl appended tetramercaptotetrathiacalix[4]arene based silver coordination networks. Dalton Transactions, 2014, 43, 158-165.	1.6	19
174	From hydrogen bonding to metal coordination and back: Porphyrin-based networks on Ag(111). Journal of Chemical Physics, 2015, 142, 101926.	1.2	19
175	Mechanisms of the ATPase-like activity of the macrocyclic polyamine receptor molecule [24]N6O2. Bioorganic Chemistry, 1988, 16, 418-428.	2.0	18
176	Silacrown ethers: Synthesis of macrocyclic diphenylpolyethyleneglycol mono- and disilanes. Tetrahedron Letters, 1993, 34, 7413-7416.	0.7	18
177	Simultaneous binding of boron and ammonium cation by a pseudocryptand: synthesis, X-ray analysis and solution studies by NMR spectroscopy. Journal of the Chemical Society Chemical Communications, 1995, , 1505.	2.0	18
178	Tetramercaptotetrathiacalix[4]arene the Most Sulfur Enriched Ligand: Synthesis and Structural Analysis. Journal of Supramolecular Chemistry, 2002, 2, 21-28.	0.4	18
179	Heterobimetallic coordination networks based on metallaporphyrins bearing four pyridine N-oxide groups as coordinating sites. Dalton Transactions, 2007, , 4126.	1.6	18
180	Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. CrystEngComm, 2016, 18, 691-703.	1.3	18

#	Article	IF	Citations
181	Synthesis of macrocyclic ditopic receptors designed for simulataneous binding of alkaline and transition metal cations. Tetrahedron Letters, 1994, 35, 7779-7782.	0.7	17
182	Probing peristatic chirality of alkaline cations: NMR study of alkaline borocryptates. Chemical Communications, 1997, , 1459-1460.	2.2	17
183	Molecular tectonics: design of coordinating tectons based on fluorene bearing pyridines and structural analysis of their coordination networks generated in the presence of mercury and cobalt salts. New Journal of Chemistry, 2003, 27, 1806.	1.4	17
184	Molecular tectonics: from 1-D interwoven racemic chains to quadruple-stranded helices. Chemical Communications, 2010, 46, 115-117.	2.2	17
185	Organometallic turnstiles: acid and base locking and unlocking. Dalton Transactions, 2014, 43, 152-157.	1.6	17
186	Molecular tectonics: design and structural analysis of enantiomerically pure tectons and helical coordination networks. Comptes Rendus Chimie, 2004, 7, 189-196.	0.2	16
187	Molecular tectonics: design of coordinating tectons based on diazamacrocycles bearing pyridine units and formation of 1D copper coordination networks. New Journal of Chemistry, 2005, 29, 343.	1.4	16
188	Structural Transference and Regulation of Bimodal Assembly of Charge-Assisted Hydrogen-Bonded Networks. Crystal Growth and Design, 2005, 5, 995-1003.	1.4	16
189	Molecular tectonics: on the formation of tubular coordination networks. New Journal of Chemistry, 2006, 30, 1340.	1.4	16
190	Molecular tectonics: control of packing of luminescent networks formed upon combining bisamidinium tectons with dicyanometallates. CrystEngComm, 2011, 13, 1922-1930.	1.3	16
191	Molecular tectonics: chiral 1- and 2-D zinc coordination networks based on chiral porphyrins bearing pyridyl and ethynylpyridyl appended units. New Journal of Chemistry, 2013, 37, 3549.	1.4	16
192	Zincâ€“ and palladiumâ€“porphyrin based turnstiles. New Journal of Chemistry, 2013, 37, 112-118.	1.4	16
193	Rigid yet flexible heteroleptic Co(<scp>iii</scp>) dipyrrin complexes for the construction of heterometallic 1- and 2-D coordination polymers. CrystEngComm, 2014, 16, 4973-4980.	1.3	16
194	Solvent and anion effects on the organization of a luminescent [2 + 2] BODIPY/Ag(<scp>i</scp>) metallamacrocycle in the crystalline state. CrystEngComm, 2017, 19, 4393-4400.	1.3	16
195	'Superpolyamines'. Macrocyclic polyamines induce highly efficient actin polymerization. FEBS Journal, 1985, 151, 557-559.	0.2	15
196	Cyclopolyamines: Synthesis of cyclospermidines and cyclospermines, analogues of spermidine and spermine. Tetrahedron Letters, 1994, 35, 8609-8612.	0.7	15
197	Multicavitands V: Synthesis and X-ray analysis of unsymmetrical linear koilands based on double fusion of two different calix[4]arenes by two silicon atoms. Tetrahedron Letters, 1997, 38, 4555-4558.	0.7	15
198	Synthesis and solid state structural analysis exo-bisbidentate ligands based on [1.1.1.1]metacyclophane in 1,3-alternate conformation bearing 2,2â€²-bipyridine or bisquinoline chelates. Tetrahedron Letters, 2000, 41, 9043-9047.	0.7	15

#	Article	IF	Citations
199	Molecular tectonics: design of enantiomerically pure single-stranded helical H-bonded molecular networks. CrystEngComm, 2003, 5, 414.	1.3	15
200	Ni(ii) dipyrrin complexes bearing peripheral pyridyl or imidazolyl groups self-assemble into 2- and 3-D coordination polymers. CrystEngComm, 2013, 15, 5980.	1.3	15
201	A bi-stable Pt(<scp>ii</scp>) based molecular turnstile. Chemical Communications, 2015, 51, 12486-12489.	2.2	15
202	One-pot synthesis and X-ray studies on cyclic oligobipyridines and one of their dinuclear ruthenium complexes. Journal of the Chemical Society Chemical Communications, 1995, , 1445.	2.0	14
203	Synthesis, structural, EPR and magnetic analysis of nitronyl-nitroxide labelled isophthalic acid. Tetrahedron Letters, 1999, 40, 2943-2946.	0.7	14
204	Molecular tectonics: design, synthesis and structural analysis of thiacalixarene-based tectons. Comptes Rendus Chimie, 2003, 6, 565-572.	0.2	14
205	Molecular tectonics: generation and packing of 1-D coordination networks formed between dibromofluorene based tectons bearing two pyridines and metal halides. CrystEngComm, 2006, 8, 883.	1.3	14
206	Arranging up to six ferrocene carboxamides around metal centres. Dalton Transactions, 2007, , 565-569.	1.6	14
207	Sensitisation of the Nearâ€Infrared Emission of Nd^{III} from the Singlet State of Porphyrins Bearing Four 8â€Hydroxyquinolinylamide Chelates. ChemPhysChem, 2012, 13, 3163-3171.	1.0	14
208	Molecular tectonics: from crystals to crystals of crystals. Chemical Communications, 2013, 49, 11209.	2.2	14
209	Molecular tectonics: p-H-thiacalix[4]arene pyridyl appended positional isomers as tectons for the formation of 1D and 2D mercury coordination networks. Dalton Transactions, 2013, 42, 9946.	1.6	14
210	Interdigitated conducting tetrathiafulvalene-based coordination networks. Chemical Communications, 2020, 56, 2407-2410.	2.2	14
211	Molecular Tectonics:â€‰ Abiotic Control of Hydroxyapatite Crystals Morphology. Crystal Growth and Design, 2002, 2, 489-492.	1.4	13
212	Molecular baskets based on tetramercaptotetrathiacalix[4]arene and tetrathiacalix[4]arene. Tetrahedron Letters, 2002, 43, 8975-8979.	0.7	13
213	Molecular tectonics: formation and structural studies on a 2-D directional coordination network based on a non-centric metacyclophane based tecton and zinc cation. Dalton Transactions, 2010, 39, 2137.	1.6	13
214	Molecular tectonics: design of enantiomerically pure helical tubular crystals with controlled channel size and orientation. Chemical Communications, 2011, 47, 7635.	2.2	13
215	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. CrystEngComm, 2014, 16, 3765-3772.	1.3	13
216	Design, synthesis and solid state structural characterisation of a metallacyclophane formed by a diazadioxamacrocycle bearing two pyridines and silver(I) cation. Journal of Organometallic Chemistry, 2002, 643-644, 376-380.	0.8	12

#	Article	IF	Citations
217	Amidinium based ionic liquids. New Journal of Chemistry, 2010, 34, 1184.	1.4	12
218	The odd association of a C3h trisamidinium cation and tosylate anion with a series of linear oxalate-bridged trinuclear heterometallic complexes. Dalton Transactions, 2013, 42, 4704.	1.6	12
219	A luminescent molecular turnstile. Dalton Transactions, 2014, 43, 15779-15784.	1.6	12
220	Molecular tectonics: from a rigid achiral organic tecton to 3D chiral Co and Fe coordination networks. Chemical Communications, 2019, 55, 91-94.	2.2	12
221	Synthesis of Selectively Substituted Lipocyclopolyamines. Helvetica Chimica Acta, 1992, 75, 721-728.	1.0	11
222	Synthesis and structural analysis of a exo-ditopic macrocyclic ligand bearing 2,2â€²-bipyridine units interconnected by silane spacers and of its binuclear ruthenium complex. Chemical Communications, 1997, , 2229-2230.	2.2	11
223	Selbstorganisation von FumarsÃure und einem cyclischen Bisamidin zu einâ€•und zweidimensionalen molekularen Netzwerken durch Nutzung von WasserstoffbrÃ¼cken und Coulombâ€Wechselwirkungen. Angewandte Chemie, 1997, 109, 83-85.	1.6	11
224	Molecular tectonics: design, synthesis and structural analysis of a molecular network based on inclusion processes using a doubly fused p-isopropylcalix[4]arene. Journal of Materials Chemistry, 1998, 8, 2331-2333.	6.7	11
225	Design, synthesis and structural studies on polynucleating ligands based on atropoisomerism of catechol bearing porphyrins. Chemical Communications, 1998, , 689-690.	2.2	11
226	Molecular tectonics: structural and magnetic properties of a discrete copper binuclear complex and a 1-D coordination network. New Journal of Chemistry, 2003, 27, 1801-1805.	1.4	11
227	Molecular tectonics: design and generation of charge-assisted, H-bonded, hybrid molecular networks based on amidinium cations and thio- or isothio-cyanatometallates. Dalton Transactions, 2008, , 615-619.	1.6	11
228	Microscopic Topography of Heterocrystal Interfaces. Crystal Growth and Design, 2009, 9, 2841-2847.	1.4	11
229	Synthesis and structural studies of metallamacrotricycles based on a metacyclophane in 1,3-alternate conformation bearing four imidazolyl units. Dalton Transactions, 2009, , 2552.	1.6	11
230	Molecular tectonics: crystal engineering of mixed valence Fe(ii)/Fe(iii) solid solutions. Chemical Communications, 2010, 46, 868-870.	2.2	11
231	Molecular tectonics: tuning the dimensionality and topology of extended cyanocuprate networks using a bisamidinium cation. Dalton Transactions, 2013, 42, 11661.	1.6	11
232	Molecular tectonics: silver coordination networks based on tetramercaptothiacalix[4]arene in 1,3-alternate conformation bearing four nitrile groups. Russian Chemical Bulletin, 2015, 64, 1955-1962.	0.4	11
233	Molecular tectonics: hierarchical organization of heterobimetallic coordination networks into heterotrimetallic coreâ€“shell crystals. Chemical Communications, 2017, 53, 3587-3590.	2.2	11
234	Symmetrical or non-symmetrical luminescent turnstiles based on hydroquinone stators and rotors bearing pyridyl or p-dimethylaminopyridyl coordinating units. Dalton Transactions, 2017, 46, 14897-14906.	1.6	11

#	Article	IF	Citations
235	Molecular tectonics: control of crystalline sequences. CrystEngComm, 2018, 20, 2233-2236.	1.3	11
236	Molecular tectonics: generation and structural studies on 1- and 2D coordination networks based on a meta-cyclophane in 1,3-alternate conformation bearing four pyrazolyl units and cobalt, zinc and copper cations. Dalton Transactions, 2009, , 6309.	1.6	10
237	From insertion of rhodium acetate paddlewheels into functionalized 7-azaindole hydrogen-bonded dimers to infinite architectures. Dalton Transactions, 2011, 40, 7403.	1.6	10
238	Molecular tectonics: homochiral coordination networks based on combinations of a chiral neutral tecton with Hg(<scp>ii</scp>), Cu(<scp>ii</scp>) or Ni(<scp>ii</scp>) neutral complexes as metallatectons. Dalton Transactions, 2014, 43, 2000-2006.	1.6	10
239	Discrete Diâ€•and Tetranuclear Silver Complexes Based on orthoâ€Iminoâ€•or orthoâ€Aminoâ€methylpyridylâ€Appended pâ€tertâ€Butylcalix[4]arene or pâ€tertâ€Butylthiacalix[4]arene in 1,3â€Alternate Conformation. European Journal of Inorganic Chemistry, 2017, 2017, 3327-3336.	1.0	10
240	Control of dimensionality in Manganese Coordination Polymers using rigid tetrahedral-shaped [1.1.1.1]metacyclophane ligands bearing benzoate coordinating sites: From homochiral 1D to 3D diamond-like structures. Inorganic Chemistry Communication, 2019, 106, 197-201.	1.8	10
241	Design, synthesis and cleaving activity of an abiotic nuclease based on a manganese(III) porphyrin complex bearing two acridine moieties. Chemical Communications, 1998, , 1343-1344.	2.2	9
242	Synthesis and Structural Analysis of Thiacalixarene Derivatives. ACS Symposium Series, 2000, , 296-312.	0.5	9
243	In situ reduction of Fe(iii) into Fe(ii): an example of post-crystallisation transformation. Chemical Communications, 2009, , 6798.	2.2	9
244	Supramolecular Catalysis of Phosphoryl Transfer Processes. Bioorganic Chemistry Frontiers, 1993, , 67-112.	1.2	9
245	Directional 1-D inclusion networks: self-assembly of unsymmetrical hoilands into directional hoilates in the crystalline phaseâ€Šâ€. Dalton Transactions RSC, 2000, , 3791-3795.	2.3	8
246	A molecular tectonicsâ€“crystal engineering approach for building organicâ€“inorganic composites. Potential application to the growth control of hydroxyapatite crystals. Journal of Materials Chemistry, 2003, 13, 2521-2524.	6.7	8
247	Molecular tectonics: chaining cages into a 1-D coordination network. CrystEngComm, 2010, 12, 67-69.	1.3	8
248	Molecular tectonics: enantiomerically pure 1D stair-type mercury coordination networks based on rigid bismonodentate C2-chiral organic tectons. Dalton Transactions, 2014, 43, 166-172.	1.6	8
249	Molecular tectonics: heterometallic (Ir,Cu) grid-type coordination networks based on cyclometallated Ir(iii) chiral metallatectons. Chemical Communications, 2015, 51, 14785-14788.	2.2	8
250	Influence of the supramolecular order on the electrical properties of 1D coordination polymers based materials. Nanoscale, 2016, 8, 2386-2394.	2.8	8
251	AzaBODIPY based coordination polymers. CrystEngComm, 2017, 19, 897-900.	1.3	8
252	Symmetrical and dissymmetrical 2,2â€²-bis-dipyrrin ligands and Zn(ii) binuclear helicates. New Journal of Chemistry, 2018, 42, 6997-7004.	1.4	8

#	Article	IF	Citations
253	Tetrathiopyridyl-tetrathiafulvalene-based Cd(<scp>ii</scp>) coordination polymers: one ligand, one metal cation, many possibilities. New Journal of Chemistry, 2019, 43, 14291-14298.	1.4	8
254	Strapping a benzaldehyde-appended 2,2â€²-bis-dipyrrin Zn(<scp>ii</scp>) double-stranded helicate using imine bond formation. Dalton Transactions, 2019, 48, 4105-4108.	1.6	8
255	Mixed Tb/Dy coordination ladders based on tetra(carboxymethyl)thiacalix[4]arene: a new avenue towards luminescent molecular nanomagnets. RSC Advances, 2020, 10, 11755-11765.	1.7	8
256	Deuterium labelled borocryptands: synthesis, structural analysis and binding studies. Tetrahedron Letters, 1998, 39, 3501-3504.	0.7	7
257	Diastereoisomerism and inter-metallic electronic communication: synthesis and structural analysis of a fully conjugated macrocyclic exo-ditopic ligand bearing two 2,2â€²-bipyridine units and of its binuclear osmium diastereoisomers. Chemical Communications, 1999, , 2155-2156.	2.2	7
258	Synthesis and Structural Analysis of Porphyrinâ€Based Polynucleating Ligands Bearing 8â€Methoxyâ€•and 8â€(Allyloxy)quinoline Units. European Journal of Organic Chemistry, 2011, 2011, 2531-2541.	1.2	7
259	From discrete tricyanovinylene appended 7-azaindole copper(II) paddlewheel to an infinite 1D network: Synthesis, crystal structure and magnetic properties. Polyhedron, 2013, 52, 1329-1335.	1.0	6
260	Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination network based on tetracyanomethyl[1.1.1.1]metacyclophane and a silver cation. Mendeleev Communications, 2017, 27, 260-262.	0.6	6
261	A pyridyl-benzimidazole based molecular luminescent turnstile. New Journal of Chemistry, 2018, 42, 7810-7815.	1.4	6
262	Structural Transformation of Surfaceâ€Confined Porphyrin Networks by Addition of Co Atoms. Chemistry - A European Journal, 2021, 27, 12430-12436.	1.7	6
263	NMR in a liquid crystal solvent: study of the chirality of borocryptates. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1998, 95, 341-349.	0.2	6
264	Template Synthesis of Tetrakis-triazolylthiacalix[4]arene in the Cone Conformation and Supramolecular Structure of Its Hexanuclear Complex with Ag(I). Macroheterocycles, 2014, 7, 189-195.	0.9	6
265	An approach to electronic communication through transannular hydrogen bond: Synthesis of cyclic diamines bearing donor and acceptor groups. Tetrahedron Letters, 1996, 37, 4721-4724.	0.7	5
266	Coordination polymers based on porphyrin and copper: the influence of the crystallization solvents on the dimensionality of the network. New Journal of Chemistry, 2002, , .	1.4	5
267	Thia-, Mercapto-, and Thiamercapto-Calix[4]arenes. , 2001, , 110-129.		5
268	Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. CrystEngComm, 2016, 18, 8622-8630.	1.3	5
269	Synthesis of para- and meta-imino- or -amino-methyl pyridyl-appended p-tert-butyl-calix[4]arene or p-tert-butyl-thiacalix[4]arene in 1,3-alternate conformation. New Journal of Chemistry, 2017, 41, 6334-6339.	1.4	5
270	Molecular Tectonics: Grid and Porous Coordination Networks Based on Combinations of Iron Thiocyanate and Pyridyl Appended Derivatives of Tetrathiacalix[4]arene and Tetramercaptotetrathiacalix[4]arene. Macroheterocycles, 2015, 8, 113-119.	0.9	5

#	Article	IF	Citations
271	Differential Effects of Cyclopolyamines on the Stability and Conformation of Triplex DNA. Oligonucleotides, 1999, 9, 13-23.	4.4	4
272	Molecular tectonics: design and structural analysis of 1-D and 2-D self-inclusion molecular networks in the crystalline state. Comptes Rendus Chimie, 2002, 5, 481-486.	0.2	4
273	Molecular tectonics: heterometallic coordination networks based on a Pt(ii) organometallic metallatecton. Dalton Transactions, 2015, 44, 14204-14207.	1.6	4
274	Amidiniumâ€Containing 2D [MnCr] Dimetallic Oxalateâ€Based Networks â€“ The Influence on Structure and Magnetism Explored by Combining Experience and Theory. European Journal of Inorganic Chemistry, 2016, 2016, 4185-4193.	1.0	4
275	Synthesis of multivalent oxamate ligands based on calix[4]arene and thiacalix[4]arene backbones in 1,3-Alternate conformation. Tetrahedron, 2017, 73, 4259-4264.	1.0	4
276	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptothiacalix[4]arene in the 1,3-alternate conformation. CrystEngComm, 2018, 20, 1130-1140.	1.3	4
277	Synthesis, crystal structure and optical properties of a series of dipyrrins bearing peripheral coordinating groups and their BODIPYs and Zn(II) complexes. Inorganica Chimica Acta, 2019, 494, 216-222.	1.2	4
278	Molecular tectonics: homochiral 1D and 2D cadmium based coordination networks. CrystEngComm, 2019, 21, 2534-2540.	1.3	4
279	Heterometallic coordination polymers based on homo- and heteroleptic Au(iii) dithiolene complexes. CrystEngComm, 2020, 22, 5760-5767.	1.3	4
280	Molecular Tectonics. , 1996, , 159-180.		4
281	A Ni-2,2â€²-bisdipyrrinato complex as a potential sensitizer: synthesis and photoelectrochemical characterization. New Journal of Chemistry, 2017, 41, 15021-15026.	1.4	3
282	Synthesis of four new carboxylic derivatives based on the [1.1.1.1]metacyclophane backbone blocked in 1,3-Alternate conformation. Tetrahedron Letters, 2018, 59, 1377-1381.	0.7	3
283	Molecular brakes based on the Zn(ii) porphyrin dimer. New Journal of Chemistry, 2018, 42, 7816-7822.	1.4	3
284	Partially Reversible Thermalâ€Induced Oxidation During a Dehydration Process in an Hâ€bonded Supramolecular System. ChemPhysChem, 2018, 19, 3219-3225.	1.0	3
285	Restriction of the rotational relaxation of a butadiyne-bridged porphyrin dimer in ultrathin films. New Journal of Chemistry, 2019, 43, 11419-11425.	1.4	3
286	Molecular tectonics: Self-assembly of pyridyl bearing nucleobases. Tetrahedron, 2020, 76, 130966.	1.0	3
287	Halogen-bonded one-dimensional chains of functionalized ditopic bipyridines co-crystallized with mono-, di-, and triiodofluorobenzenes. CrystEngComm, 2021, 23, 4247-4251.	1.3	3
288	Molecular Tectonics: Self-Assembly of Charged Molecular Tectons into One- and Two-Dimensional Solids. , 1996, , 129-142.		3

#	Article	IF	Citations
289	Molecular Tectonics: 1D Tubular Type and 3D Diamond Like Mercury(II) Coordination Polymers Based on Pyridyl Appended p-tert-Butyltetrathiacalix[4]arene. Macroheterocycles, 2016, 9, 17-22.	0.9	3
290	Molecular Tectonics: Manganese(II), Copper(II) and Zinc(II) 1D Coordination Polymers Based on Tetramercaptothiacalix[4]arene Bearing Benzoate Coordinating Groups. Macroheterocycles, 2017, 10, 147-153.	0.9	3
291	Anodic oxidation of mercury in the presence of monocyclic ligands in propylene carbonate. Electroanalysis, 1989, 1, 493-499.	1.5	2
292	Molecular Networks Forming Crystalline and Liquid Crystalline Phases by Combined Hydrogen-Bonding and Ionic Interactions. Collection of Czechoslovak Chemical Communications, 2004, 69, 1161-1168.	1.0	2
293	Hydrogen bonded networks based on hexarhenium(<scp>iii</scp>) chalcocyanide cluster complexes: structural and photophysical characterization. New Journal of Chemistry, 2018, 42, 11888-11895.	1.4	2
294	Crystal formation of 1D coordination polymers based on chiral, achiral and racemic 1,2-cyclohexane scaffolds. CrystEngComm, 2020, 22, 1746-1753.	1.3	2
295	Construction of hydrogen bonding and coordination networks based on ethynylpyridine-appended nucleobases. CrystEngComm, 2021, 23, 944-954.	1.3	2
296	Molecular Tectonics: An Approach to Organic Networks. , 1999, , 209-219.		2
297	Luminescent 1D heterometallic (Ir,Cd) coordination polymers based on bis-cyclometalated Ir(<scp>iii</scp>) metallatectons and trinuclear Cd(<scp>ii</scp>) dianionic nodes. Dalton Transactions, 2021, 50, 15924-15934.	1.6	2
298	Molecular tectonics: homochiral coordination polymers based on pyridyl-substituted cyclic tetrapeptides. CrystEngComm, 2016, 18, 7685-7689.	1.3	1
299	Molecular tectonics: enantiomerically pure chiral crystals based on trans-1,2-cyclohexanediol. CrystEngComm, 2019, 21, 5129-5136.	1.3	1
300	Chemical and Electrochemical Alkali Cations Intercalation/Release in an Ionic Hydrogen Bonded Network. Inorganic Chemistry, 2019, 58, 1541-1547.	1.9	1
301	Synthesis of Porphyrins Diâ€•and Tetraâ€Functionalized with Nucleobases. European Journal of Organic Chemistry, 2021, 2021, 483-494.	1.2	1
302	Coordination assemblies based on a flexible tetrathiafulvalene derivative. Polyhedron, 2021, 198, 115047.	1.0	1
303	An Approach to the Crystal Engineering of Coordination Networks. , 1999, , 181-208.		1
304	Structural phase diagrams and isomerism inflexible honeycomb-like 2D hydrogen bonded solid solutions. CrystEngComm, 2018, 20, 1853-1861.	1.3	0
305	Molecular Tectonics: An Approach to Organic Networks. , 1998, , 117-122.		0
306	Hydrogen Bonds in Organised Monolayers. , 1999, , 87-96.		0

#	Article	IF	Citations
307	Variations around 1D coordination polymers built from the triarylamine scaffold and Hg(II) or Cd(II). Inorganica Chimica Acta, 2020, 503, 119427.	1.2	0