Mir W Hosseini

List of Publications by Year
in descending order

307	12,549	28274 55	38395 95
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	Synthesis of Porphyrins Diâ€•and Tetraâ€Functionalized with Nucleobases. European Journal of Organic Chemistry, 2021, 2021, 483-494.	2.4	1
2	Construction of hydrogen bonding and coordination networks based on ethynylpyridine-appended nucleobases. CrystEngComm, 2021, 23, 944-954.	2.6	2
3	Halogen-bonded one-dimensional chains of functionalized ditopic bipyridines co-crystallized with mono-, di-, and triiodofluorobenzenes. CrystEngComm, 2021, 23, 4247-4251.	2.6	3
4	Coordination assemblies based on a flexible tetrathiafulvalene derivative. Polyhedron, 2021, 198, 115047.	2.2	1
5	Structural Transformation of Surfaceâ€Confined Porphyrin Networks by Addition of Co Atoms. Chemistry - A European Journal, 2021, 27, 12430-12436.	3.3	6
6	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.	3.3	2
7	Heterometallic coordination polymers based on homo- and heteroleptic Au(iii) dithiolene complexes. CrystEngComm, 2020, 22, 5760-5767.	2.6	4
8	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.	3.6	8
9	Sequencing and Welding of Molecular Singleâ€Crystal Optical Waveguides. Advanced Functional Materials, 2020, 30, 2003443.	14.9	30
10	Interdigitated conducting tetrathiafulvalene-based coordination networks. Chemical Communications, 2020, 56, 2407-2410.	4.1	14
11	Crystal formation of 1D coordination polymers based on chiral, achiral and racemic 1,2-cyclohexane scaffolds. CrystEngComm, 2020, 22, 1746-1753.	2.6	2
12	Molecular tectonics: Self-assembly of pyridyl bearing nucleobases. Tetrahedron, 2020, 76, 130966.	1.9	3
13	Variations around 1D coordination polymers built from the triarylamine scaffold and Hg(II) or Cd(II). Inorganica Chimica Acta, 2020, 503, 119427.	2.4	0
14	Tetrathiopyridyl-tetrathiafulvalene-based Cd(<scp>ii</scp>) coordination polymers: one ligand, one metal cation, many possibilities. New Journal of Chemistry, 2019, 43, 14291-14298.	2.8	8
15	Molecular tectonics: enantiomerically pure chiral crystals based on trans-1,2-cyclohexanediol. CrystEngComm, 2019, 21, 5129-5136.	2.6	1
16	Molecular tectonics: from a rigid achiral organic tecton to 3D chiral Co and Fe coordination networks. Chemical Communications, 2019, 55, 91-94.	4.1	12
17	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.	3.9	10
18	Restriction of the rotational relaxation of a butadiyne-bridged porphyrin dimer in ultrathin films. New Journal of Chemistry, 2019, 43, 11419-11425.	2.8	3

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19	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.	2.4	4
20	Molecular tectonics: homochiral 1D and 2D cadmium based coordination networks. CrystEngComm, 2019, 21, 2534-2540.	2.6	4
21	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.	3.3	8
22	Chemical and Electrochemical Alkali Cations Intercalation/Release in an Ionic Hydrogen Bonded Network. Inorganic Chemistry, 2019, 58, 1541-1547.	4.0	1
23	Structural phase diagrams and isomerism inflexible honeycomb-like 2D hydrogen bonded solid solutions. CrystEngComm, 2018, 20, 1853-1861.	2.6	0
24	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.	1.4	3
25	Symmetrical and dissymmetrical 2,2â€²-bis-dipyrrin ligands and Zn(ii) binuclear helicates. New Journal of Chemistry, 2018, 42, 6997-7004.	2.8	8
26	A pyridyl-benzimidazole based molecular luminescent turnstile. New Journal of Chemistry, 2018, 42, 7810-7815.	2.8	6
27	Molecular brakes based on the Zn(ii) porphyrin dimer. New Journal of Chemistry, 2018, 42, 7816-7822.	2.8	3
28	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptothiacalix[4]arene in the 1,3-alternate conformation. CrystEngComm, 2018, 20, 1130-1140.	2.6	4
29	Box-like gel capsules from heterostructures based on a coreâ€“shell MOF as a template of crystal crosslinking. Chemical Communications, 2018, 54, 1437-1440.	4.1	36
30	Molecular tectonics: control of crystalline sequences. CrystEngComm, 2018, 20, 2233-2236.	2.6	11
31	Partially Reversible Thermalâ€Induced Oxidation During a Dehydration Process in an Hâ€bonded Supramolecular System. ChemPhysChem, 2018, 19, 3219-3225.	2.1	3
32	Hydrogen bonded networks based on hexarhenium(<scp>iii</scp>) chalcocyanide cluster complexes: structural and photophysical characterization. New Journal of Chemistry, 2018, 42, 11888-11895.	2.8	2
33	AzaBODIPY based coordination polymers. CrystEngComm, 2017, 19, 897-900.	2.6	8
34	Molecular tectonics: hierarchical organization of heterobimetallic coordination networks into heterotrimetallic coreâ€“shell crystals. Chemical Communications, 2017, 53, 3587-3590.	4.1	11
35	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.	1.9	4
36	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.	4.1	27

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37	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.	1.6	6
38	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.	2.8	5
39	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.	2.0	10
40	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.	3.3	11
41	A Ni-2,2â€²-bisdipyrrinato complex as a potential sensitizer: synthesis and photoelectrochemical characterization. New Journal of Chemistry, 2017, 41, 15021-15026.	2.8	3
42	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.	2.6	16
43	Tuning photochemical properties of phosphorus(<scp>v</scp>) porphyrin photosensitizers. Chemical Communications, 2017, 53, 9918-9921.	4.1	32
44	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.	0.5	3
45	Molecular tectonics: homochiral coordination polymers based on pyridyl-substituted cyclic tetrapeptides. CrystEngComm, 2016, 18, 7685-7689.	2.6	1
46	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.	4.1	21
47	Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. CrystEngComm, 2016, 18, 8622-8630.	2.6	5
48	Phosphorus(V) Porphyrin-Based Molecular Turnstiles. Inorganic Chemistry, 2016, 55, 10774-10782.	4.0	32
49	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.	2.0	4
50	Influence of the supramolecular order on the electrical properties of 1D coordination polymers based materials. Nanoscale, 2016, 8, 2386-2394.	5.6	8
51	Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. CrystEngComm, 2016, 18, 691-703.	2.6	18
52	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.	0.5	3
53	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.	1.5	11
54	Assembly, Disassembly, and Reassembly: Conversion of Homometallic Coordination Networks into Mixed Metalâ€“Organic Frameworks. Inorganic Chemistry, 2015, 54, 2032-2039.	4.0	32

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55	On Zn(ii) 2,2â€²-bisdipyrrin circular helicates. Chemical Communications, 2015, 51, 5906-5909.	4.1	32
56	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.	13.7	32
57	A bi-stable Pt(<scp>ii</scp>) based molecular turnstile. Chemical Communications, 2015, 51, 12486-12489.	4.1	15
58	Molecular tectonics: heterometallic coordination networks based on a Pt(ii) organometallic metallatecton. Dalton Transactions, 2015, 44, 14204-14207.	3.3	4
59	Molecular Tectonics: Design of Enantiopure Luminescent Heterometallic Ir(III)â€“Cd(II) Coordination Network. Inorganic Chemistry, 2015, 54, 10429-10439.	4.0	23
60	Molecular tectonics: heterometallic (Ir,Cu) grid-type coordination networks based on cyclometallated Ir(iii) chiral metallatectons. Chemical Communications, 2015, 51, 14785-14788.	4.1	8
61	From hydrogen bonding to metal coordination and back: Porphyrin-based networks on Ag(111). Journal of Chemical Physics, 2015, 142, 101926.	3.0	19
62	Welding Molecular Crystals. Journal of the American Chemical Society, 2015, 137, 15390-15393.	13.7	35
63	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.	0.5	5
64	Organometallic turnstiles: acid and base locking and unlocking. Dalton Transactions, 2014, 43, 152-157.	3.3	17
65	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. CrystEngComm, 2014, 16, 3765-3772.	2.6	13
66	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.	2.6	16
67	Optical reading of the open and closed states of a molecular turnstile. Chemical Communications, 2014, 50, 5040-5042.	4.1	21
68	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.	3.3	19
69	Molecular tectonics: enantiomerically pure 1D stair-type mercury coordination networks based on rigid bismonodentate C2-chiral organic tectons. Dalton Transactions, 2014, 43, 166-172.	3.3	8
70	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.	3.3	10
71	A luminescent molecular turnstile. Dalton Transactions, 2014, 43, 15779-15784.	3.3	12
72	Molecular tectonics based nanopatterning of interfaces with 2D metalâ€“organic frameworks (MOFs). Chemical Communications, 2014, 50, 12250-12253.	4.1	40

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73	Phase transition of a perovskite strongly coupled to the vacuum field. Nanoscale, 2014, 6, 7243-7248.	5.6	50
74	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.	3.3	44
75	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.	0.5	6
76	Ni(ii) dipyrrin complexes bearing peripheral pyridyl or imidazolyl groups self-assemble into 2- and 3-D coordination polymers. CrystEngComm, 2013, 15, 5980.	2.6	15
77	Molecular tectonics: from crystals to crystals of crystals. Chemical Communications, 2013, 49, 11209.	4.1	14
78	From Sequential to One-Pot Synthesis of Dipyrrin Based Grid-Type Mixed Metalâ€“Organic Frameworks. Inorganic Chemistry, 2013, 52, 14439-14448.	4.0	40
79	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.	3.3	29
80	A platinum turnstile with a palladium lock. Dalton Transactions, 2013, 42, 9740.	3.3	20
81	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.	2.8	16
82	Molecular tectonics: tuning the dimensionality and topology of extended cyanocuprate networks using a bisamidinium cation. Dalton Transactions, 2013, 42, 11661.	3.3	11
83	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.	3.3	12
84	Luminescent Coordination Polymers Based on Selfâ€Assembled Cadmium Dipyrrin Complexes. Chemistry - A European Journal, 2013, 19, 3215-3223.	3.3	42
85	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.	2.2	6
86	A platinum based organometallic turnstile. Chemical Communications, 2013, 49, 3637.	4.1	24
87	Molecular tectonics: homochiral 3D cuboid coordination networks based on enantiomerically pure organic tectons and ZnSiF6. Chemical Communications, 2013, 49, 4468.	4.1	20
88	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.	3.3	14
89	Molecular Tectonics: Control of the Dimensionality in Tetramercaptothiacalixarenes Based Coordination Networks. Inorganic Chemistry, 2013, 52, 6776-6778.	4.0	19
90	Zincâ€“ and palladiumâ€“porphyrin based turnstiles. New Journal of Chemistry, 2013, 37, 112-118.	2.8	16

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91	Molecular tectonics: zinc coordination networks based on centric and acentric porphyrins bearing pyridyl units. Dalton Transactions, 2012, 41, 14683.	3.3	19
92	Stepwise construction of grid-type Cu(ii)â€“Cd(ii) heterometallic MOFs based on an imidazole-appended dipyrrin ligand. Chemical Communications, 2012, 48, 10313.	4.1	37
93	Porphyrin lanthanide complexes for NIR emission. Coordination Chemistry Reviews, 2012, 256, 1468-1478.	18.8	93
94	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.	4.0	38
95	Heterometallic coordination polymers incorporating dipyrrin based heteroleptic copper and cobalt complexes: to Agâ€“Ï€ or not?. Dalton Transactions, 2012, 41, 7227.	3.3	58
96	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.	3.3	55
97	Strappedâ€Porphyrinâ€Based Molecular Turnstiles. Chemistry - A European Journal, 2012, 18, 10419-10426.	3.3	32
98	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.	2.1	14
99	An oscillating molecular turnstile. Dalton Transactions, 2011, 40, 5244.	3.3	19
100	Molecular tectonics: control of packing of luminescent networks formed upon combining bisamidinium tectons with dicyanometallates. CrystEngComm, 2011, 13, 1922-1930.	2.6	16
101	From insertion of rhodium acetate paddlewheels into functionalized 7-azaindole hydrogen-bonded dimers to infinite architectures. Dalton Transactions, 2011, 40, 7403.	3.3	10
102	Dipyrrin based silver [2 + 2] metallamacrocycles. Dalton Transactions, 2011, 40, 437-445.	3.3	24
103	From tectons to luminescent supramolecular ionic liquid crystals. Chemical Communications, 2011, 47, 734-736.	4.1	31
104	Molecular tectonics: control of interpenetration in cuboid 3-D coordination networks. CrystEngComm, 2011, 13, 776-778.	2.6	34
105	Molecular tectonics: design of enantiomerically pure helical tubular crystals with controlled channel size and orientation. Chemical Communications, 2011, 47, 7635.	4.1	13
106	Open and closed states of a porphyrin based molecular turnstile. Dalton Transactions, 2011, 40, 3517.	3.3	30
107	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.	2.4	7
108	Porphyrinâ€Based Switchable Molecular Turnstiles. Chemistry - A European Journal, 2011, 17, 6443-6452.	3.3	35

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109	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.	4.1	31
110	Dipyrrin based luminescent cyclometallated palladium and platinum complexes. Dalton Transactions, 2010, 39, 180-184.	3.3	87
111	Porphyrin based molecular turnstiles. Chemical Communications, 2010, 46, 3508.	4.1	52
112	Design and Synthesis of Sn-Porphyrin Based Molecular Gates. Inorganic Chemistry, 2010, 49, 1872-1883.	4.0	42
113	Molecular tectonics: crystal engineering of mixed valence Fe(ii)/Fe(iii) solid solutions. Chemical Communications, 2010, 46, 868-870.	4.1	11
114	Carboxylic Acid Appended Dipyrrin for the Formation of a Hexanuclear Iridium/Copper Paddlewheel Complex. Inorganic Chemistry, 2010, 49, 8659-8661.	4.0	47
115	Heterometallic Architectures Based on the Combination of Heteroleptic Copper and Cobalt Complexes with Silver Salts. Inorganic Chemistry, 2010, 49, 11231-11239.	4.0	54
116	Assembly of Heteroleptic Copper Complexes with Silver Salts: From Discrete Trinuclear Complexes to Infinite Networks. Inorganic Chemistry, 2010, 49, 331-338.	4.0	63
117	Amidinium based ionic liquids. New Journal of Chemistry, 2010, 34, 1184.	2.8	12
118	Molecular tectonics: tubular crystals with controllable channel size and orientation. Chemical Communications, 2010, 46, 112-114.	4.1	27
119	Molecular tectonics: from 1-D interwoven racemic chains to quadruple-stranded helices. Chemical Communications, 2010, 46, 115-117.	4.1	17
120	Molecular tectonics: chaining cages into a 1-D coordination network. CrystEngComm, 2010, 12, 67-69.	2.6	8
121	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.	3.3	13
122	Combination of hydrogen and coordination bonding for the construction of one-dimensional networks based on a 7-azaindole appended dipyrrin. CrystEngComm, 2010, 12, 2238.	2.6	35
123	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.	21.0	42
124	Microscopic Topography of Heterocrystal Interfaces. Crystal Growth and Design, 2009, 9, 2841-2847.	3.0	11
125	Molecular tectonics: modulation of size and shape of cuboid 3-D coordination networks. CrystEngComm, 2009, 11, 189-191.	2.6	50
126	Playing with isostructurality: from tectons to molecular alloys and composite crystals. Chemical Communications, 2009, , 1559.	4.1	38

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127	Molecular tectonics: 3-D organisation of decanuclear silver nanoclusters. Chemical Communications, 2009, , 2514.	4.1	29
128	Molecular tectonics: design of 2-D networks by simultaneous use of charge-assisted hydrogen and coordination bonds. Chemical Communications, 2009, , 6786.	4.1	25
129	In situ reduction of Fe(iii) into Fe(ii): an example of post-crystallisation transformation. Chemical Communications, 2009, , 6798.	4.1	9
130	Combination of primary amide and dipyrrin for the elaboration of extended architectures built upon both coordination and hydrogen bonding. CrystEngComm, 2009, 11, 1245.	2.6	48
131	Synthesis and structural studies of metallamacrotricycles based on a metacyclophane in 1,3-alternate conformation bearing four imidazolyl units. Dalton Transactions, 2009, , 2552.	3.3	11
132	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.	3.3	10
133	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.	2.8	28
134	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.	4.1	28
135	Direct synthesis and structural characterisation of tri- and tetra-nuclear silver metallaknotanes by self-assembly approach. Chemical Communications, 2008, , 6191.	4.1	27
136	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.	3.3	11
137	Modular construction of a series of heteronuclear metallamacrocycles. Chemical Communications, 2008, , 4558.	4.1	19
138	Molecular Tectonics: Control of Reversible Water Release in Porous Charge-Assisted H-Bonded Networks. Journal of the American Chemical Society, 2008, 130, 17106-17113.	13.7	82
139	Many Faces of Dipyrrins:â€‰ from Hydrogen-Bonded Networks to Homo- and Heteronuclear Metallamacrocycles. Inorganic Chemistry, 2008, 47, 766-768.	4.0	68
140	A stepwise approach to the formation of heterometallic discrete complexes and infinite architectures. Dalton Transactions, 2007, , 1129.	3.3	22
141	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.	2.8	37
142	Molecular tectonics: polymorphism and enhancement of network dimensionality by a combination of primary and secondary hydrogen bond sites. Chemical Communications, 2007, , 4626.	4.1	28
143	Arranging up to six ferrocene carboxamides around metal centres. Dalton Transactions, 2007, , 565-569.	3.3	14
144	Heterobimetallic coordination networks based on metallaporphyrins bearing four pyridine N-oxide groups as coordinating sites. Dalton Transactions, 2007, , 4126.	3.3	18

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145	Investigations on crystalline interface within a molecular composite crystal by microscopic techniques. Journal of Materials Chemistry, 2007, 17, 1559-1562.	6.7	31
146	Molecular tectonics: on the formation of 1-D silver coordination networks by thiacalixarenes bearing nitrile groups. Dalton Transactions, 2007, , 5126.	3.3	43
147	A molecular gate based on a porphyrin and a silver lock. Chemical Communications, 2007, , 2935.	4.1	41
148	Beyond classical coordination: silverâ€“Ï€ interactions in metal dipyrrin complexes. Chemical Communications, 2007, , 2252-2254.	4.1	74
149	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.	13.8	110
150	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.	4.0	42
151	Molecular tectonics: generation of 2-D molecular networks by combination of coordination and hydrogen bonds. New Journal of Chemistry, 2006, 30, 71-76.	2.8	47
152	Porphyrin based metallamacrocycles. New Journal of Chemistry, 2006, 30, 1289.	2.8	23
153	Orthogonal packing of enantiomerically pure helical silver coordination networks. Chemical Communications, 2006, , 3078.	4.1	28
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