

Mir W Hosseini

List of Publications by Year in Descending Order

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

311
papers

11,129
citations

54
h-index

88
g-index

338
ext. papers

11,544
ext. citations

5.2
avg, IF

6.37
L-index

#	Paper	IF	Citations
311	Luminescent 1D heterometallic (Ir,Cd) coordination polymers based on bis-cyclometalated Ir(III) metallatectons and trinuclear Cd(II) dianionic nodes. <i>Dalton Transactions</i> , 2021 , 50, 15924-15934	4.3	1
310	Coordination assemblies based on a flexible tetrathiafulvalene derivative. <i>Polyhedron</i> , 2021 , 198, 115042-7	2.7	1
309	Structural Transformation of Surface-Confined Porphyrin Networks by Addition of Co Atoms. <i>Chemistry - A European Journal</i> , 2021 , 27, 12430-12436	4.8	3
308	Synthesis of Porphyrins Di- and Tetra-Functionalized with Nucleobases. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 483-494	3.2	1
307	Construction of hydrogen bonding and coordination networks based on ethynylpyridine-appended nucleobases. <i>CrystEngComm</i> , 2021 , 23, 944-954	3.3	2
306	Halogen-bonded one-dimensional chains of functionalized ditopic bipyridines co-crystallized with mono-, di-, and triiodofluorobenzenes. <i>CrystEngComm</i> , 2021 , 23, 4247-4251	3.3	1
305	Mixed Tb/Dy coordination ladders based on tetra(carboxymethyl)thiacalix[4]arene: a new avenue towards luminescent molecular nanomagnets.. <i>RSC Advances</i> , 2020 , 10, 11755-11765	3.7	3
304	Sequencing and Welding of Molecular Single-Crystal Optical Waveguides. <i>Advanced Functional Materials</i> , 2020 , 30, 2003443	15.6	19
303	Interdigitated conducting tetrathiafulvalene-based coordination networks. <i>Chemical Communications</i> , 2020 , 56, 2407-2410	5.8	8
302	Crystal formation of 1D coordination polymers based on chiral, achiral and racemic 1,2-cyclohexane scaffolds. <i>CrystEngComm</i> , 2020 , 22, 1746-1753	3.3	1
301	Molecular tectonics: Self-assembly of pyridyl bearing nucleobases. <i>Tetrahedron</i> , 2020 , 76, 130966	2.4	1
300	Variations around 1D coordination polymers built from the triarylamine scaffold and Hg(II) or Cd(II). <i>Inorganica Chimica Acta</i> , 2020 , 503, 119427	2.7	1
299	Heterometallic coordination polymers based on homo- and heteroleptic Au(III) dithiolene complexes. <i>CrystEngComm</i> , 2020 , 22, 5760-5767	3.3	3
298	Molecular tectonics: from a rigid achiral organic tecton to 3D chiral Co and Fe coordination networks. <i>Chemical Communications</i> , 2019 , 55, 91-94	5.8	8
297	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. <i>Inorganic Chemistry Communication</i> , 2019 , 106, 197-201	3.1	7
296	Restriction of the rotational relaxation of a butadiyne-bridged porphyrin dimer in ultrathin films. <i>New Journal of Chemistry</i> , 2019 , 43, 11419-11425	3.6	2
295	Synthesis, crystal structure and optical properties of a series of dipyrins bearing peripheral coordinating groups and their BODIPYs and Zn(II) complexes. <i>Inorganica Chimica Acta</i> , 2019 , 494, 216-222	2.7	3

294	Molecular tectonics: homochiral 1D and 2D cadmium based coordination networks. <i>CrystEngComm</i> , 2019 , 21, 2534-2540	3.3	1
293	Strapping a benzaldehyde-appended 2,2'-bis-dipyrrin Zn(II) double-stranded helicate using imine bond formation. <i>Dalton Transactions</i> , 2019 , 48, 4105-4108	4.3	4
292	Tetrathiopyridyl-tetrathiafulvalene-based Cd(II) coordination polymers: one ligand, one metal cation, many possibilities. <i>New Journal of Chemistry</i> , 2019 , 43, 14291-14298	3.6	5
291	Molecular tectonics: enantiomerically pure chiral crystals based on trans-1,2-cyclohexanediol. <i>CrystEngComm</i> , 2019 , 21, 5129-5136	3.3	1
290	Chemical and Electrochemical Alkali Cations Intercalation/Release in an Ionic Hydrogen Bonded Network. <i>Inorganic Chemistry</i> , 2019 , 58, 1541-1547	5.1	0
289	Structural phase diagrams and isomerism inflexible honeycomb-like 2D hydrogen bonded solid solutions. <i>CrystEngComm</i> , 2018 , 20, 1853-1861	3.3	
288	Synthesis of four new carboxylic derivatives based on the [1.1.1]metacyclophane backbone blocked in 1,3-Alternate conformation. <i>Tetrahedron Letters</i> , 2018 , 59, 1377-1381	2	2
287	Symmetrical and dissymmetrical 2,2'-bis-dipyrrin ligands and Zn(II) binuclear helicates. <i>New Journal of Chemistry</i> , 2018 , 42, 6997-7004	3.6	6
286	A pyridyl-benzimidazole based molecular luminescent turnstile. <i>New Journal of Chemistry</i> , 2018 , 42, 7810-7815	3.6	6
285	Molecular brakes based on the Zn(II) porphyrin dimer. <i>New Journal of Chemistry</i> , 2018 , 42, 7816-7822	3.6	3
284	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptothiacalix[4]arene in the 1,3-alternate conformation. <i>CrystEngComm</i> , 2018 , 20, 1130-1140	3.3	3
283	Box-like gel capsules from heterostructures based on a core-shell MOF as a template of crystal crosslinking. <i>Chemical Communications</i> , 2018 , 54, 1437-1440	5.8	30
282	Molecular tectonics: control of crystalline sequences. <i>CrystEngComm</i> , 2018 , 20, 2233-2236	3.3	11
281	Hydrogen bonded networks based on hexarhenium(III) chalcocyanide cluster complexes: structural and photophysical characterization. <i>New Journal of Chemistry</i> , 2018 , 42, 11888-11895	3.6	
280	Partially Reversible Thermal-Induced Oxidation During a Dehydration Process in an H-bonded Supramolecular System. <i>ChemPhysChem</i> , 2018 , 19, 3219	3.2	2
279	AzaBODIPY based coordination polymers. <i>CrystEngComm</i> , 2017 , 19, 897-900	3.3	8
278	Molecular tectonics: hierarchical organization of heterobimetallic coordination networks into heterotrimetallic core-shell crystals. <i>Chemical Communications</i> , 2017 , 53, 3587-3590	5.8	8
277	Synthesis of multivalent oxamate ligands based on calix[4]arene and thiacalix[4]arene backbones in 1,3-Alternate conformation. <i>Tetrahedron</i> , 2017 , 73, 4259-4264	2.4	3

276	Molecular tectonics: gas adsorption and chiral uptake of (l)- and (d)-tryptophan by homochiral porous coordination polymers. <i>Chemical Communications</i> , 2017 , 53, 5740-5743	5.8	22
275	Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination network based on tetracyanomethyl[1.1.1]metacyclophane and a silver cation. <i>Mendeleev Communications</i> , 2017 , 27, 260-262	1.9	6
274	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. <i>New Journal of Chemistry</i> , 2017 , 41, 6334-6339	3.6	4
273	Discrete Di- and Tetranuclear Silver Complexes Based on ortho-Imino- or ortho-Amino-methylpyridyl-Appended p-tert-Butylcalix[4]arene or p-tert-Butylthiacalix[4]arene in 1,3-Alternate Conformation. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3327-3336	2.3	7
272	Symmetrical or non-symmetrical luminescent turnstiles based on hydroquinone stators and rotors bearing pyridyl or p-dimethylaminopyridyl coordinating units. <i>Dalton Transactions</i> , 2017 , 46, 14897-14906	4.3	9
271	A Ni-2,2'-bis(dipyrrinato) complex as a potential sensitizer: synthesis and photoelectrochemical characterization. <i>New Journal of Chemistry</i> , 2017 , 41, 15021-15026	3.6	2
270	Solvent and anion effects on the organization of a luminescent [2 + 2] BODIPY/Ag(I) metallamacrocycle in the crystalline state. <i>CrystEngComm</i> , 2017 , 19, 4393-4400	3.3	15
269	Tuning photochemical properties of phosphorus(v) porphyrin photosensitizers. <i>Chemical Communications</i> , 2017 , 53, 9918-9921	5.8	21
268	Molecular Tectonics: Manganese(II), Copper(II) and Zinc(II) 1D Coordination Polymers Based on Tetramercaptothiacalix[4]arene Bearing Benzoate Coordinating Groups. <i>Macroheterocycles</i> , 2017 , 10, 147-153	2.2	3
267	Perspectives in Molecular Tectonics 2016 , 73-91		
266	Amidinium-Containing 2D [MnCr] Dimetallic Oxalate-Based Networks – The Influence on Structure and Magnetism Explored by Combining Experience and Theory. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4185-4193	2.3	2
265	Influence of the supramolecular order on the electrical properties of 1D coordination polymers based materials. <i>Nanoscale</i> , 2016 , 8, 2386-94	7.7	7
264	Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. <i>CrystEngComm</i> , 2016 , 18, 691-703	3.3	14
263	Molecular Tectonics: 1D Tubular Type and 3D Diamond Like Mercury(II) Coordination Polymers Based on Pyridyl Appended p-tert-Butyltetrathiacalix[4]arene. <i>Macroheterocycles</i> , 2016 , 9, 17-22	2.2	3
262	Molecular tectonics: homochiral coordination polymers based on pyridyl-substituted cyclic tetrapeptides. <i>CrystEngComm</i> , 2016 , 18, 7685-7689	3.3	1
261	Pre-organization of clefts for Ag-Interactions in Zn(ii) bis(dipyrrin) helicites for the construction of heterometallic networks. <i>Chemical Communications</i> , 2016 , 52, 13000-13003	5.8	19
260	Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. <i>CrystEngComm</i> , 2016 , 18, 8622-8630	3.3	4
259	Phosphorus(V) Porphyrin-Based Molecular Turnstiles. <i>Inorganic Chemistry</i> , 2016 , 55, 10774-10782	5.1	25

258	On Zn(II) 2,2'-bis(dipyrrin) circular helicates. <i>Chemical Communications</i> , 2015 , 51, 5906-9	5.8	27
257	Nanopatterning of Surfaces with Monometallic and Heterobimetallic 1D Coordination Polymers: A Molecular Tectonics Approach at the Solid/Liquid Interface. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8450-9	16.4	29
256	A bi-stable Pt(II) based molecular turnstile. <i>Chemical Communications</i> , 2015 , 51, 12486-9	5.8	14
255	Molecular tectonics: heterometallic coordination networks based on a Pt(II) organometallic metallatecton. <i>Dalton Transactions</i> , 2015 , 44, 14204-7	4.3	4
254	Molecular Tectonics: Design of Enantiopure Luminescent Heterometallic Ir(III)-Cd(II) Coordination Network. <i>Inorganic Chemistry</i> , 2015 , 54, 10429-39	5.1	19
253	Molecular tectonics: heterometallic (Ir,Cu) grid-type coordination networks based on cyclometallated Ir(III) chiral metallatectons. <i>Chemical Communications</i> , 2015 , 51, 14785-8	5.8	8
252	From hydrogen bonding to metal coordination and back: Porphyrin-based networks on Ag(111). <i>Journal of Chemical Physics</i> , 2015 , 142, 101926	3.9	18
251	Welding Molecular Crystals. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15390-3	16.4	29
250	Molecular tectonics: silver coordination networks based on tetramercaptothiacalix[4]arene in 1,3-alternate conformation bearing four nitrile groups. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1955-1962	1.7	8
249	Assembly, disassembly, and reassembly: conversion of homometallic coordination networks into mixed metal-organic frameworks. <i>Inorganic Chemistry</i> , 2015 , 54, 2032-9	5.1	29
248	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. <i>Macromolecules</i> , 2015 , 48, 113-119	2.2	5
247	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. <i>CrystEngComm</i> , 2014 , 16, 3765-3772	3.3	13
246	Rigid yet flexible heteroleptic Co(III) dipyrin complexes for the construction of heterometallic 1- and 2-D coordination polymers. <i>CrystEngComm</i> , 2014 , 16, 4973-4980	3.3	16
245	Optical reading of the open and closed states of a molecular turnstile. <i>Chemical Communications</i> , 2014 , 50, 5040-2	5.8	20
244	Molecular tectonics: anion control of dimensionality and connectivity in meta-pyridyl appended tetramercaptotetrathiacalix[4]arene based silver coordination networks. <i>Dalton Transactions</i> , 2014 , 43, 158-65	4.3	17
243	Molecular tectonics: enantiomerically pure 1D stair-type mercury coordination networks based on rigid bisonodentate C ₂ -chiral organic tectons. <i>Dalton Transactions</i> , 2014 , 43, 166-72	4.3	8
242	Molecular tectonics: homochiral coordination networks based on combinations of a chiral neutral tecton with Hg(II), Cu(II) or Ni(II) neutral complexes as metallatectons. <i>Dalton Transactions</i> , 2014 , 43, 2000-6	4.3	8
241	A luminescent molecular turnstile. <i>Dalton Transactions</i> , 2014 , 43, 15779-84	4.3	11

240	Molecular tectonics based nanopatterning of interfaces with 2D metal-organic frameworks (MOFs). <i>Chemical Communications</i> , 2014 , 50, 12250-3	5.8	38
239	Molecular Tectonics: Design of Hybrid Networks and Crystals Based on Charge-Assisted Hydrogen Bonds 2014 , 195-232		1
238	Phase transition of a perovskite strongly coupled to the vacuum field. <i>Nanoscale</i> , 2014 , 6, 7243-8	7.7	39
237	A silver bite: crystalline heterometallic architectures based on Ag- π interactions with a bis-dipyrrin zinc helicate. <i>Chemistry - A European Journal</i> , 2014 , 20, 2449-53	4.8	38
236	Organometallic turnstiles: acid and base locking and unlocking. <i>Dalton Transactions</i> , 2014 , 43, 152-7	4.3	15
235	Template Synthesis of Tetrakis-triazolylthiacalix[4]arene in the Cone Conformation and Supramolecular Structure of Its Hexanuclear Complex with Ag(I). <i>Macroheterocycles</i> , 2014 , 7, 189-195	2.2	3
234	Ni(II) dipyrin complexes bearing peripheral pyridyl or imidazolyl groups self-assemble into 2- and 3-D coordination polymers. <i>CrystEngComm</i> , 2013 , 15, 5980	3.3	14
233	Molecular tectonics: from crystals to crystals of crystals. <i>Chemical Communications</i> , 2013 , 49, 11209-11	5.8	14
232	From sequential to one-pot synthesis of dipyrin based grid-type mixed metal-organic frameworks. <i>Inorganic Chemistry</i> , 2013 , 52, 14439-48	5.1	38
231	Molecular tectonics: pyridyl containing thiacalix[4]arene based tectons for the generation of 2- and 3-D silver coordination networks. <i>Dalton Transactions</i> , 2013 , 42, 116-26	4.3	26
230	A platinum turnstile with a palladium lock. <i>Dalton Transactions</i> , 2013 , 42, 9740-5	4.3	18
229	Molecular tectonics: chiral 1- and 2-D zinc coordination networks based on chiral porphyrins bearing pyridyl and ethynylpyridyl appended units. <i>New Journal of Chemistry</i> , 2013 , 37, 3549	3.6	16
228	Molecular tectonics: tuning the dimensionality and topology of extended cyanocuprate networks using a bisamidinium cation. <i>Dalton Transactions</i> , 2013 , 42, 11661-71	4.3	11
227	The odd association of a C(3h) trisamidinium cation and tosylate anion with a series of linear oxalate-bridged trinuclear heterometallic complexes. <i>Dalton Transactions</i> , 2013 , 42, 4704-13	4.3	12
226	Luminescent coordination polymers based on self-assembled cadmium dipyrin complexes. <i>Chemistry - A European Journal</i> , 2013 , 19, 3215-23	4.8	35
225	From discrete tricyanovinylene appended 7-azaindole copper(II) paddlewheel to an infinite 1D network: Synthesis, crystal structure and magnetic properties. <i>Polyhedron</i> , 2013 , 52, 1329-1335	2.7	6
224	A platinum based organometallic turnstile. <i>Chemical Communications</i> , 2013 , 49, 3637-9	5.8	23
223	Molecular tectonics: homochiral 3D cuboid coordination networks based on enantiomerically pure organic tectons and ZnSiF ₆ . <i>Chemical Communications</i> , 2013 , 49, 4468-70	5.8	19

222	Molecular tectonics: p-H-thiacalix[4]arene pyridyl appended positional isomers as tectons for the formation of 1D and 2D mercury coordination networks. <i>Dalton Transactions</i> , 2013 , 42, 9946-53	4.3	14
221	Molecular tectonics: control of the dimensionality in tetramercaptothiacalixarenes based coordination networks. <i>Inorganic Chemistry</i> , 2013 , 52, 6776-8	5.1	19
220	Zinc and palladium porphyrin based turnstiles. <i>New Journal of Chemistry</i> , 2013 , 37, 112-118	3.6	14
219	Molecular tectonics: zinc coordination networks based on centric and acentric porphyrins bearing pyridyl units. <i>Dalton Transactions</i> , 2012 , 41, 14683-9	4.3	19
218	Stepwise construction of grid-type Cu(II)-Cd(II) heterometallic MOFs based on an imidazole-appended dipyrin ligand. <i>Chemical Communications</i> , 2012 , 48, 10313-5	5.8	36
217	Porphyrin lanthanide complexes for NIR emission. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 1468-1478	3.2	77
216	Giant core-shell nanospherical clusters composed of 32 Co or 32 Ni atoms held by 6 p-tert-butylthiacalix[4]arene units. <i>Inorganic Chemistry</i> , 2012 , 51, 5481-6	5.1	36
215	Heterometallic coordination polymers incorporating dipyrin based heteroleptic copper and cobalt complexes: to Ag-Br not?. <i>Dalton Transactions</i> , 2012 , 41, 7227-34	4.3	57
214	Excited state properties and energy transfer within dipyrin-based binuclear iridium/platinum dyads: the effect of ortho-methylation on the spacer. <i>Chemistry - A European Journal</i> , 2012 , 18, 4041-50	4.8	53
213	Strapped-porphyrin-based molecular turnstiles. <i>Chemistry - A European Journal</i> , 2012 , 18, 10419-26	4.8	29
212	Sensitisation of the near-infrared emission of Nd(III) from the singlet state of porphyrins bearing four 8-hydroxyquinolinyamide chelates. <i>ChemPhysChem</i> , 2012 , 13, 3163-71	3.2	12
211	Molecular tectonics: design of enantiomerically pure helical tubular crystals with controlled channel size and orientation. <i>Chemical Communications</i> , 2011 , 47, 7635-7	5.8	13
210	Open and closed states of a porphyrin based molecular turnstile. <i>Dalton Transactions</i> , 2011 , 40, 3517-23	4.3	28
209	Synthesis and Structural Analysis of Porphyrin-Based Polynucleating Ligands Bearing 8-Methoxy- and 8-(Allyloxy)quinoline Units. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 2531-2541	3.2	5
208	Porphyrin-based switchable molecular turnstiles. <i>Chemistry - A European Journal</i> , 2011 , 17, 6443-52	4.8	33
207	An oscillating molecular turnstile. <i>Dalton Transactions</i> , 2011 , 40, 5244-8	4.3	19
206	Molecular tectonics: control of packing of luminescent networks formed upon combining bisamidinium tectons with dicyanometallates. <i>CrystEngComm</i> , 2011 , 13, 1922-1930	3.3	14
205	From insertion of rhodium acetate paddlewheels into functionalized 7-azaindole hydrogen-bonded dimers to infinite architectures. <i>Dalton Transactions</i> , 2011 , 40, 7403-11	4.3	9

204	Dipyrrin based silver [2 + 2] metallamacrocycles. <i>Dalton Transactions</i> , 2011 , 40, 437-45	4.3	24
203	From tectons to luminescent supramolecular ionic liquid crystals. <i>Chemical Communications</i> , 2011 , 47, 734-6	5.8	30
202	Molecular tectonics: control of interpenetration in cuboid 3-D coordination networks. <i>CrystEngComm</i> , 2011 , 13, 776-778	3.3	27
201	62 Porphyrin-Based Tectons in Molecular Tectonics. <i>Handbook of Porphyrin Science</i> , 2011 , 299-390	0.3	4
200	Porphyrrin based molecular turnstiles. <i>Chemical Communications</i> , 2010 , 46, 3508-10	5.8	51
199	Design and synthesis of sn-porphyrin based molecular gates. <i>Inorganic Chemistry</i> , 2010 , 49, 1872-83	5.1	40
198	Molecular tectonics: crystal engineering of mixed valence Fe(II)/Fe(III) solid solutions. <i>Chemical Communications</i> , 2010 , 46, 868-70	5.8	11
197	Carboxylic acid appended dipyrrin for the formation of a hexanuclear iridium/copper paddlewheel complex. <i>Inorganic Chemistry</i> , 2010 , 49, 8659-61	5.1	45
196	Heterometallic architectures based on the combination of heteroleptic copper and cobalt complexes with silver salts. <i>Inorganic Chemistry</i> , 2010 , 49, 11231-9	5.1	53
195	Assembly of heteroleptic copper complexes with silver salts: from discrete trinuclear complexes to infinite networks. <i>Inorganic Chemistry</i> , 2010 , 49, 331-8	5.1	63
194	Amidinium based ionic liquids. <i>New Journal of Chemistry</i> , 2010 , 34, 1184	3.6	10
193	Molecular tectonics: tubular crystals with controllable channel size and orientation. <i>Chemical Communications</i> , 2010 , 46, 112-4	5.8	24
192	Molecular tectonics: from 1-D interwoven racemic chains to quadruple-stranded helices. <i>Chemical Communications</i> , 2010 , 46, 115-7	5.8	17
191	Molecular tectonics: chaining cages into a 1-D coordination network. <i>CrystEngComm</i> , 2010 , 12, 67-69	3.3	8
190	Molecular tectonics: formation and structural studies on a 2-D directional coordination network based on a non-centric metacyclophane based tecton and zinc cation. <i>Dalton Transactions</i> , 2010 , 39, 2137-46	4.3	13
189	Combination of hydrogen and coordination bonding for the construction of one-dimensional networks based on a 7-azaindole appended dipyrrin. <i>CrystEngComm</i> , 2010 , 12, 2238	3.3	34
188	Sensitization of the NIR emission of Nd(III) by the alpha4 atropoisomer of a meso-tetraphenyl porphyrin bearing four 8-hydroxyquinolinylamide chelates. <i>Chemical Communications</i> , 2010 , 46, 619-21	5.8	31
187	Dipyrrin based luminescent cyclometallated palladium and platinum complexes. <i>Dalton Transactions</i> , 2010 , 180-4	4.3	80

186	Molecular Tectonics at the Solid/Liquid Interface: Controlling the Nanoscale Geometry, Directionality, and Packing of 1D Coordination Networks on Graphite Surfaces. <i>Advanced Materials</i> , 2009 , 21, 1131-1136	24	40
185	Microscopic Topography of Heterocrystal Interfaces. <i>Crystal Growth and Design</i> , 2009 , 9, 2841-2847	3.5	10
184	Molecular tectonics: modulation of size and shape of cuboid 3-D coordination networks. <i>CrystEngComm</i> , 2009 , 11, 189-191	3.3	44
183	Playing with isostructurality: from tectons to molecular alloys and composite crystals. <i>Chemical Communications</i> , 2009 , 1559-61	5.8	36
182	Molecular tectonics: 3-D organisation of decanuclear silver nanoclusters. <i>Chemical Communications</i> , 2009 , 2514-6	5.8	26
181	Molecular tectonics: design of 2-D networks by simultaneous use of charge-assisted hydrogen and coordination bonds. <i>Chemical Communications</i> , 2009 , 6786-8	5.8	25
180	In situ reduction of Fe(iii) into Fe(ii): an example of post-crystallisation transformation. <i>Chemical Communications</i> , 2009 , 6798-800	5.8	7
179	Combination of primary amide and dipyrin for the elaboration of extended architectures built upon both coordination and hydrogen bonding. <i>CrystEngComm</i> , 2009 , 11, 1245	3.3	46
178	Synthesis and structural studies of metallamacrotricycles based on a metacyclophane in 1,3-alternate conformation bearing four imidazolyl units. <i>Dalton Transactions</i> , 2009 , 2552-7	4.3	11
177	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. <i>Dalton Transactions</i> , 2009 , 6309-14	4.3	9
176	Molecular tectonics: ribbon type coordination networks based on porphyrins bearing two pyridine or two pyridine N-oxide units. <i>New Journal of Chemistry</i> , 2008 , 32, 99-104	3.6	28
175	Molecular tectonics: control of pore size and polarity in 3-D hexagonal coordination networks based on porphyrins and a zinc cation. <i>Chemical Communications</i> , 2008 , 5104-6	5.8	28
174	Direct synthesis and structural characterisation of tri- and tetra-nuclear silver metallaknotanes by self-assembly approach. <i>Chemical Communications</i> , 2008 , 6191-3	5.8	24
173	Molecular tectonics: design and generation of charge-assisted, H-bonded, hybrid molecular networks based on amidinium cations and thio- or isothio-cyanatometallates. <i>Dalton Transactions</i> , 2008 , 615-9	4.3	10
172	Modular construction of a series of heteronuclear metallamacrocycles. <i>Chemical Communications</i> , 2008 , 4558-60	5.8	19
171	Molecular tectonics: control of reversible water release in porous charge-assisted H-bonded networks. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17106-13	16.4	77
170	Many faces of dipyrins: from hydrogen-bonded networks to homo- and heteronuclear metallamacrocycles. <i>Inorganic Chemistry</i> , 2008 , 47, 766-8	5.1	65
169	Molecular tectonics: generation of 1-D interdigitated and 2-D interwoven helical silver coordination networks by oligoethylene glycol based tectons bearing two benzonitrile moieties. <i>New Journal of Chemistry</i> , 2007 , 31, 25-32	3.6	30

168	Molecular tectonics: polymorphism and enhancement of network dimensionality by a combination of primary and secondary hydrogen bond sites. <i>Chemical Communications</i> , 2007 , 4626-8	5.8	28
167	Arranging up to six ferrocene carboxamides around metal centres. <i>Dalton Transactions</i> , 2007 , 565-9	4.3	12
166	Heterobimetallic coordination networks based on metallaporphyrins bearing four pyridine N-oxide groups as coordinating sites. <i>Dalton Transactions</i> , 2007 , 4126	4.3	18
165	Investigations on crystalline interface within a molecular composite crystal by microscopic techniques. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1559-1562		30
164	Molecular tectonics: on the formation of 1-D silver coordination networks by thiacalixarenes bearing nitrile groups. <i>Dalton Transactions</i> , 2007 , 5126-31	4.3	42
163	A molecular gate based on a porphyrin and a silver lock. <i>Chemical Communications</i> , 2007 , 2935-7	5.8	41
162	Beyond classical coordination: silver- π interactions in metal dipyrin complexes. <i>Chemical Communications</i> , 2007 , 2252-4	5.8	72
161	Molecular tectonics on surfaces: Bottom-up fabrication of 1D coordination networks that form 1D and 2D arrays on graphite. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 245-9	16.4	101
160	A stepwise approach to the formation of heterometallic discrete complexes and infinite architectures. <i>Dalton Transactions</i> , 2007 , 1129-39	4.3	22
159	Sequential generation of one-dimensional networks based on a differentiated bischolate-type ligand bearing both 4,5-diazafluorene and dithiolene units. <i>Inorganic Chemistry</i> , 2006 , 45, 5260-2	5.1	40
158	Molecular tectonics: generation of 2-D molecular networks by combination of coordination and hydrogen bonds. <i>New Journal of Chemistry</i> , 2006 , 30, 71-76	3.6	47
157	Porphyrin based metallamacrocycles. <i>New Journal of Chemistry</i> , 2006 , 30, 1289	3.6	23
156	Orthogonal packing of enantiomerically pure helical silver coordination networks. <i>Chemical Communications</i> , 2006 , 3078-80	5.8	28
155	Molecular tectonics: control of packing of hybrid 1-D and 2-D H-bonded molecular networks formed between bisamidinium dication and cyanometallate anions. <i>New Journal of Chemistry</i> , 2006 , 30, 1403	3.6	32
154	Molecular tectonics: generation and packing of 1-D coordination networks formed between dibromofluorene based tectons bearing two pyridines and metal halides. <i>CrystEngComm</i> , 2006 , 8, 883	3.3	14
153	Octanuclear Cu(I) cubic complex decorated with six peripheral chelates. <i>New Journal of Chemistry</i> , 2006 , 30, 1083	3.6	17
152	Molecular tectonics: on the formation of tubular coordination networks. <i>New Journal of Chemistry</i> , 2006 , 30, 1340	3.6	15
151	Molecular tectonics: generation of 1- and 2-D copper coordination networks by positional isomeric tectons based on a phenylenediamine backbone bearing two isonicotinoyl moieties. <i>New Journal of Chemistry</i> , 2006 , 30, 683	3.6	33

150	Reversible single-crystal-to-single-crystal guest exchange in a 3-D coordination network based on a zinc porphyrin. <i>Chemical Communications</i> , 2005 , 3906-8	5.8	105
149	Self-assembly and generation of complexity. <i>Chemical Communications</i> , 2005 , 5825-9	5.8	126
148	Molecular tectonics: on the role of counter-ions in the dimensionality of silver coordination networks. <i>CrystEngComm</i> , 2005 , 7, 624	3.3	57
147	Molecular tectonics: design of coordinating tectons based on diazamacrocycles bearing pyridine units and formation of 1D copper coordination networks. <i>New Journal of Chemistry</i> , 2005 , 29, 343	3.6	15
146	Molecular tectonics: coordination networks based on porphyrins bearing pyridine N-oxide groups as coordinating sites. <i>New Journal of Chemistry</i> , 2005 , 29, 1508	3.6	19
145	Alkoxo-bridged copper(II) complexes as nodes in designing solid-state architectures. The interplay of coordinative and d10-d10 metal-metal interactions in sustaining supramolecular solid-state architectures. <i>Dalton Transactions</i> , 2005 , 1195-202	4.3	53
144	From Tectons to Composite Crystals. <i>Crystal Growth and Design</i> , 2005 , 5, 2310-2312	3.5	37
143	Structural Transference and Regulation of Bimodal Assembly of Charge-Assisted Hydrogen-Bonded Networks. <i>Crystal Growth and Design</i> , 2005 , 5, 995-1003	3.5	14
142	Molecular tectonics: from simple tectons to complex molecular networks. <i>Accounts of Chemical Research</i> , 2005 , 38, 313-23	24.3	691
141	Molecular Networks Forming Crystalline and Liquid Crystalline Phases by Combined Hydrogen-Bonding and Ionic Interactions. <i>Collection of Czechoslovak Chemical Communications</i> , 2004 , 69, 1161-1168		2
140	Molecular tectonics: design and structural analysis of enantiomerically pure tectons and helical coordination networks. <i>Comptes Rendus Chimie</i> , 2004 , 7, 189-196	2.7	16
139	Molecular tectonics: design of luminescent H-bonded molecular networks. <i>Chemical Communications</i> , 2004 , 2270-1	5.8	44
138	Molecular tectonics: geometry and energy based analysis of coordination networks. <i>New Journal of Chemistry</i> , 2004 , 28, 897	3.6	40
137	Reflexion on molecular tectonics. <i>CrystEngComm</i> , 2004 , 6, 318	3.3	166
136	Molecular tectonics: from molecular recognition of anions to molecular networks. <i>Coordination Chemistry Reviews</i> , 2003 , 240, 157-166	23.2	214
135	Metallacrown ethers: synthesis and structural investigation of silver metallamacrocycles. <i>Tetrahedron Letters</i> , 2003 , 44, 1457-1460	2	19
134	Molecular tectonics: design, synthesis and structural analysis of thiacalixarene-based tectons. <i>Comptes Rendus Chimie</i> , 2003 , 6, 565-572	2.7	13
133	A molecular tectonics/crystal engineering approach for building organic/inorganic composites. Potential application to the growth control of hydroxyapatite crystals. <i>Journal of Materials Chemistry</i> , 2003 , 13, 2521-2524		6

132	Gradual increase in the dimensionality of cobalt and mercury coordination networks based on conformation of tetradentate tectons. <i>New Journal of Chemistry</i> , 2003 , 27, 793-797	3.6	31
131	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. <i>New Journal of Chemistry</i> , 2003 , 27, 1806	3.6	16
130	Charge assisted chiral hybrid H-bonded molecular networks. <i>Chemical Communications</i> , 2003 , 1224-5	5.8	32
129	Molecular tectonics: from enantiomerically pure sugars to enantiomerically pure triple stranded helical coordination network. <i>Chemical Communications</i> , 2003 , 1336-7	5.8	81
128	Molecular tectonics: infinite cationic double stranded helical coordination networks. <i>Chemical Communications</i> , 2003 , 472-3	5.8	73
127	Molecular tectonics: design of enantiomerically pure single-stranded helical H-bonded molecular networks. <i>CrystEngComm</i> , 2003 , 5, 414	3.3	15
126	Molecular tectonics: structural and magnetic properties of a discrete copper binuclear complex and a 1-D coordination network. <i>New Journal of Chemistry</i> , 2003 , 27, 1801-1805	3.6	11
125	Tetramercaptotetrathiacalix[4]arene the Most Sulfur Enriched Ligand: Synthesis and Structural Analysis. <i>Journal of Supramolecular Chemistry</i> , 2002 , 2, 21-28		18
124	Molecular tectonics: design and structural analysis of 1-D and 2-D self-inclusion molecular networks in the crystalline state. <i>Comptes Rendus Chimie</i> , 2002 , 5, 481-486	2.7	4
123	Design, synthesis and solid state structural characterisation of a metallacyclophane formed by a diazadioxamacrocycle bearing two pyridines and silver(I) cation. <i>Journal of Organometallic Chemistry</i> , 2002 , 643-644, 376-380	2.3	11
122	Molecular baskets based on tetramercaptotetrathiacalix[4]arene and tetrathiacalix[4]arene. <i>Tetrahedron Letters</i> , 2002 , 43, 8975-8979	2	12
121	Photophysical, electrochemical and electrochromic properties of copper-bis(4,4'-dimethyl-6,6'-diphenyl-2,2'-bipyridine) complexes. <i>Coordination Chemistry Reviews</i> , 2002 , 230, 253-261	23.2	65
120	Design, synthesis, structural analysis and atropoisomerisation studies of polynucleating ligands based on porphyrins bearing catechol units. <i>New Journal of Chemistry</i> , 2002 , 26, 43-57	3.6	46
119	Molecular Tectonics: Abiotic Control of Hydroxyapatite Crystals Morphology. <i>Crystal Growth and Design</i> , 2002 , 2, 489-492	3.5	13
118	Design of 3-D coordination networks: topology and metrics. <i>Chemical Communications</i> , 2002 , 218-9	5.8	33
117	Koilsands from thiophiles: mercury(II) clusters from thiacalixarenes. <i>Chemical Communications</i> , 2002 , 1042-3	5.8	55
116	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. <i>CrystEngComm</i> , 2002 , 4, 447-453	3.3	49
115	Non-centrosymmetric packing of 1-D coordination networks based on chirality. <i>Chemical Communications</i> , 2002 , 1898-9	5.8	63

114	Second sphere supramolecular chirality: racemic hybrid H-bonded 2-D molecular networks. <i>Chemical Communications</i> , 2002 , 702-3	5.8	63
113	Design of 2-D hydrogen bonded molecular networks using pyromellitate dianion and cyclic bisamidinium dication as complementary tectons. <i>Solid State Sciences</i> , 2001 , 3, 789-793	3.4	23
112	Thia-, Mercapto-, and Thiamercapto-Calix[4]arenes 2001 , 110-129		4
111	Controlling the formation of discrete complexes or a 1-D directional coordination network by the binding ability of anions. <i>Chemical Communications</i> , 2001 , 1114-1115	5.8	39
110	Design and structural analysis of interpenetrated 3-D co-ordination networks formed by self-assembly using tetrapyrindinoocyclophane and silver cations. <i>New Journal of Chemistry</i> , 2001 , 25, 207-209	3.6	40
109	Double stranded interwound infinite linear silver coordination network. <i>Chemical Communications</i> , 2001 , 1242-1243	5.8	52
108	Systematic structural coordination chemistry of p-tert-butyltetrathiacalix[4]arene: 1. Group 1 elements and congeners. <i>Inorganic Chemistry</i> , 2001 , 40, 672-86	5.1	92
107	Synthesis and solid state structural analysis of 1,3-alternate conformer of tetrathiacalix[4]arene tetra-ester, -acid and -ether derivatives. <i>Tetrahedron Letters</i> , 2000 , 41, 3601-3606	2	34
106	Synthesis and solid state structural analysis exo-bisbidentate ligands based on [1.1.1]metacyclophane in 1,3-alternate conformation bearing 2,2'-bipyridine or bisquinoline chelates. <i>Tetrahedron Letters</i> , 2000 , 41, 9043-9047	2	13
105	Crystal engineering of 2-D hydrogen bonded molecular networks based on the self-assembly of anionic and cationic modules. <i>Chemical Communications</i> , 2000 , 281-282	5.8	43
104	Synthesis and Structural Analysis of Thiacalixarene Derivatives. <i>ACS Symposium Series</i> , 2000 , 296-312	0.4	9
103	Bipyridine: the most widely used ligand. A review of molecules comprising at least two 2,2'-bipyridine units. <i>Chemical Reviews</i> , 2000 , 100, 3553-90	68.1	918
102	Charge-assisted NH(+)⋯O(=) and OH⋯O(=) hydrogen bonds control the supramolecular aggregation of ferrocenedicarboxylic acid and bis-amidines. <i>New Journal of Chemistry</i> , 2000 , 24, 547-553 ^{3.6}		73
101	Directional 1-D inclusion networks: self-assembly of unsymmetrical coilands into directional coilates in the crystalline phase. <i>Dalton Transactions RSC</i> , 2000 , 3791-3795		8
100	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. <i>Chemical Communications</i> , 2000 , 2219-2220	5.8	63
99	Metallatubulane: synthesis and structural analysis of an infinite tubular coordination network formed by the self-assembly of a tetracyanocyclophane and silver cations. <i>Chemical Communications</i> , 2000 , 239-240	5.8	63
98	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. <i>Chemical Communications</i> , 2000 , 1863-1864	5.8	28
97	Metallacyclophanes formed by a tetrapyrazolyl ligand and copper(II) cation. <i>Chemical Communications</i> , 2000 , 2085-2086	5.8	21

96	A Unique Rare-Earth Cluster within a Calixarene Sandwich: Parallels in the Chemistry of Cyclosiloxanes and Calixarenes. <i>Australian Journal of Chemistry</i> , 2000 , 53, 895	1.2	41
95	Differential effects of cyclopolyamines on the stability and conformation of triplex DNA. <i>Oligonucleotides</i> , 1999 , 9, 13-23		3
94	Synthesis and solid state structural analysis of conformers of tetrakis((ethoxycarbonyl)methoxy)tetrathiacalix[4]arene. <i>Tetrahedron Letters</i> , 1999 , 40, 2113-2116	2	65
93	Synthesis, structural, EPR and magnetic analysis of nitronyl-nitroxide labelled isophthalic acid. <i>Tetrahedron Letters</i> , 1999 , 40, 2943-2946	2	11
92	Tetrasulfinylcalix[4]arenes: Synthesis and solid state structural analysis. <i>Tetrahedron Letters</i> , 1999 , 40, 1129-1132	2	58
91	Additives for the crystallization of proteins and nucleic acids. <i>Journal of Crystal Growth</i> , 1999 , 196, 365-376		52
90	Self-Assembly of Pyrazolyl Based Ligands and Silver Cation into Metallamacrocycles and Tubular Coordination Networks. <i>European Journal of Inorganic Chemistry</i> , 1999 , 1999, 1981-1985	2.3	49
89	Self-assembly of a bis-tridentate Py2S4 ligand and cadmium cation into 1- and 2-D coordination networks. <i>Chemical Communications</i> , 1999 , 603-604	5.8	25
88	Molecular braids: quintuple helical hydrogen bonded molecular network. <i>Chemical Communications</i> , 1999 , 2313-2314	5.8	44
87	Diastereoisomerism and inter-metallic electronic communication: synthesis and structural analysis of a fully conjugated macrocyclic exo-ditopic ligand bearing two 2,2'-bipyridine units and of its binuclear osmium diastereoisomers. <i>Chemical Communications</i> , 1999 , 2155-2156	5.8	7
86	Thiacalixarenes as cluster keepers: synthesis and structural analysis of a magnetically coupled tetracopper(II) square. <i>Chemical Communications</i> , 1999 , 373-374	5.8	85
85	Synthesis and structural analysis of mercaptothiacalix[4]arene. <i>Chemical Communications</i> , 1999 , 2169-2178	5.8	54
84	Molecular Tectonics: An Approach to Organic Networks 1999 , 209-219		2
83	An Approach to the Crystal Engineering of Coordination Networks 1999 , 181-208		
82	Hydrogen Bonds in Organised Monolayers 1999 , 87-96		
81	Molecular Networks: An Approach to Coordination Polymers 1999 , 53-66		
80	Cryptands revisited. <i>Coordination Chemistry Reviews</i> , 1998 , 178-180, 1193-1209	23.2	14
79	Synthesis and Structural Analysis of a Helical Coordination Polymer Formed by the Self-Assembly of a 2,2'-bipyridine-Based exo-Ditopic Macrocyclic Ligand and Silver Cations. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 920-922	16.4	148

78	Thiacalixarenes: Synthesis and structural analysis of thiacalix[4]arene and of p-tert-butylthiacalix[4]arene. <i>Tetrahedron Letters</i> , 1998 , 39, 2311-2314	2	170
77	Deuterium labelled borocryptands: synthesis, structural analysis and binding studies. <i>Tetrahedron Letters</i> , 1998 , 39, 3501-3504	2	6
76	Exo-ligands based on two p-aminopyridine interconnection by tuneable alkyl chains: design, synthesis and structural analysis of silver and palladium metallamacrocycles. <i>Chemical Communications</i> , 1998 , 1625-1626	5.8	70
75	Design, synthesis and cleaving activity of an abiotic nuclease based on a manganese(III) porphyrin complex bearing two acridine moieties. <i>Chemical Communications</i> , 1998 , 1343-1344	5.8	6
74	Molecular tectonics VIII: formation of 1D and 3D networks based on the simultaneous use of hydrogen bonding and ionic interactions,. <i>New Journal of Chemistry</i> , 1998 , 22, 1389-1393	3.6	24
73	Sulfone-calixarenes: a new class of molecular building block. <i>Chemical Communications</i> , 1998 , 1345-1346	5.8	62
72	Crystal engineering: molecular networks based on inclusion phenomena. <i>Chemical Communications</i> , 1998 , 727-734	5.8	62
71	Molecular tectonics: design, synthesis and structural analysis of a molecular network based on inclusion processes using a doubly fused p-isopropylcalix[4]arene. <i>Journal of Materials Chemistry</i> , 1998 , 8, 2331-2333		11
70	Synthesis and structural analysis of an infinite linear coordination network formed by the self-assembly of tetracyanocalix[4]arene ligands and silver cations. <i>Chemical Communications</i> , 1998 , 2545-2546	5.8	65
69	Design, synthesis and structural studies on polynucleating ligands based on atropoisomerism of catechol bearing porphyrins. <i>Chemical Communications</i> , 1998 , 689-690	5.8	9
68	NMR in a liquid crystal solvent: study of the chirality of borocryptates. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1998 , 95, 341-349		5
67	Molecular Tectonics: An Approach to Organic Networks 1998 , 117-122		
66	Probing peristatic chirality of alkaline cations: NMR study of alkaline borocryptates. <i>Chemical Communications</i> , 1997 , 1459-1460	5.8	15
65	Synthesis and structural analysis of a exo-ditopic macrocyclic ligand bearing 2,2'-bipyridine units interconnected by silane spacers and of its binuclear ruthenium complex. <i>Chemical Communications</i> , 1997 , 2229-2230	5.8	9
64	Molecular tectonics IV: Molecular networks based on hydrogen bonding and electrostatic interactions. <i>Tetrahedron Letters</i> , 1997 , 38, 1755-1758	2	19
63	Molecular tectonics V: Molecular recognition in the formation of molecular networks based on hydrogen bonding and electrostatic interactions. <i>Tetrahedron Letters</i> , 1997 , 38, 1933-1936	2	19
62	Design and Synthesis of Porphyrins Bearing Catechols. <i>Tetrahedron Letters</i> , 1997 , 38, 2993-2996	2	11
61	Bipyridine based exoditopic ligands: Synthesis and structural analysis of homobinuclear ruthenium complexes. <i>Tetrahedron Letters</i> , 1997 , 38, 3901-3904	2	14

60	Design, synthesis and structural analysis of exoditopic macrocyclic ligands based on bipyridine units. <i>Tetrahedron Letters</i> , 1997 , 38, 4389-4392	2	14
59	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. <i>Tetrahedron Letters</i> , 1997 , 38, 4555-4558	2	11
58	Borocryptands : Synthesis and Structural Analysis of a Lithium Borocryptate. <i>Tetrahedron Letters</i> , 1997 , 38, 7539-7542	2	13
57	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. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 102-104		76
56	Self-Assembly of Convex and Concave Molecular Tectons to Form a Linear Molecular Array in the Solid State. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1760-1762		24
55	Selbstorganisation von Fumarsäure und einem cyclischen Bisamidin zu ein- und zweidimensionalen molekularen Netzwerken durch Nutzung von Wasserstoffbrücken und Coulomb-Wechselwirkungen. <i>Angewandte Chemie</i> , 1997 , 109, 83-85	3.6	11
54	Molecular Recognition of NADP(H) and ATP by Macrocyclic Polyamines Bearing Acridine Groups. <i>Helvetica Chimica Acta</i> , 1997 , 80, 786-803	2	67
53	Molecular tectonics II: Synthesis of molecular sheets by self-assembly of complementary molecular units in the solid state. <i>Tetrahedron Letters</i> , 1996 , 37, 1405-1408	2	29
52	Molecular tectonics I: The first synthesis and X-ray analysis of a linear koilate obtained by self-assembly of linear koilands and hexadiyne. <i>Tetrahedron Letters</i> , 1996 , 37, 1401-1404	2	41
51	Multicavitands IV: Synthesis of linear koilands obtained by fusion of calix[4]arene derivatives by silicon atoms. <i>Tetrahedron Letters</i> , 1996 , 37, 1409-1412	2	18
50	Synthesis of an exo-ditopic receptor based on calix[4]arene and catechol. <i>Tetrahedron Letters</i> , 1996 , 37, 4503-4506	2	18
49	An approach to electronic communication through transannular hydrogen bond: Synthesis of cyclic diamines bearing donor and acceptor groups. <i>Tetrahedron Letters</i> , 1996 , 37, 4721-4724	2	3
48	Molecular Tectonics 1996 , 159-180		3
47	Molecular Tectonics: Self-Assembly of Charged Molecular Tectons into One- and Two-Dimensional Solids 1996 , 129-142		3
46	One-pot synthesis and X-ray studies on cyclic oligobipyridines and one of their dinuclear ruthenium complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1445		14
45	Synthesis and structural studies on p-tert-butyl-1,3-dihydroxy-2,4-disulfanylcalix[4]arene and its mercury complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 609		40
44	Simultaneous binding of boron and ammonium cation by a pseudocryptand: synthesis, X-ray analysis and solution studies by NMR spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1505		16
43	Binding of Boron and Alkali Metal Cations by a Pseudocryptand. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 1115-1117		26

42	Synthetic polyamines stimulate in vitro transcription by T7 RNA polymerase. <i>Nucleic Acids Research</i> , 1994 , 22, 2784-90	20.1	47
41	Synthesis of macrocyclic ditopic receptors designed for simultaneous binding of alkaline and transition metal cations. <i>Tetrahedron Letters</i> , 1994 , 35, 7779-7782	2	6
40	Exoditopic receptors II: Synthesis and x-ray crystal structure of a disilamacrocycle bearing two bipyridine units. <i>Tetrahedron Letters</i> , 1994 , 35, 7233-7236	2	23
39	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. <i>Tetrahedron Letters</i> , 1994 , 35, 1711-1714	2	30
38	Cyclopolyamines: Synthesis of cyclospemidines and cyclospemines, analogues of spermidine and spermine. <i>Tetrahedron Letters</i> , 1994 , 35, 8609-8612	2	11
37	Exoditopic receptors I: synthesis and structural studies on p-tert-butyltetramercaptocalix[4]arene and its mercury complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1579		53
36	A molecular approach to solid-state synthesis: prediction and synthesis of self-assembled infinite rods. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2135		62
35	Silacrown ethers: Synthesis of macrocyclic diphenylpolyethyleneglycol mono- and disilanes. <i>Tetrahedron Letters</i> , 1993 , 34, 7413-7416	2	14
34	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. <i>Tetrahedron Letters</i> , 1993 , 34, 7561-7564	2	40
33	Synthesis of a 1,3-alternate tetramercapto [1.1.1]metacyclophane. <i>Tetrahedron Letters</i> , 1993 , 34, 8111-8112	2	22
32	Multicavitands I: Synthesis and X-ray crystal structure of a bis p-tert-butylcalix[4]arene fused by two silicon atoms. <i>Tetrahedron Letters</i> , 1993 , 34, 3285-3288	2	37
31	Supramolecular Catalysis of Phosphoryl Transfer Processes. <i>Bioorganic Chemistry Frontiers</i> , 1993 , 67-112		7
30	Synthesis of Selectively Substituted Lipocyclopolyamines. <i>Helvetica Chimica Acta</i> , 1992 , 75, 721-728	2	8
29	Structural and Anion Coordination Features of Macrocyclic Polyammonium Cations in the Solid, Solution and Computational Phases. <i>Journal of Coordination Chemistry</i> , 1991 , 23, 113-135	1.6	28
28	Supramolecular catalysis of adenosine triphosphate synthesis in aqueous solution mediated by a macrocyclic polyamine and divalent metal cations. <i>Journal of the Chemical Society Chemical Communications</i> , 1991 , 451		31
27	Ferric ion sequestering agents. 22. Synthesis and characterization of macrobicyclic iron(III) sequestering agents. <i>Journal of the American Chemical Society</i> , 1991 , 113, 2965-2977	16.4	110
26	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. <i>Journal of the American Chemical Society</i> , 1990 , 112, 3896-3904	16.4	231
25	Anodic oxidation of mercury in the presence of monocyclic ligands in propylene carbonate. <i>Electroanalysis</i> , 1989 , 1, 493-499	3	1

24	Synthesis of Polyaza Macrocyclic Ligands Incorporating Pyridine Units. <i>Helvetica Chimica Acta</i> , 1989 , 72, 1066-1077	2	19
23	Chloride Binding by Polyammonium Receptor Molecules: ³⁵ Cl-NMR Studies. <i>Helvetica Chimica Acta</i> , 1989 , 72, 1078-1083	2	19
22	Supramolecular catalysis: polyammonium macrocycles as enzyme mimics for phosphoryl transfer in ATP hydrolysis. <i>Journal of the American Chemical Society</i> , 1989 , 111, 6330-6335	16.4	80
21	Anion-receptor molecules: Macrocyclic and macrobicyclic effects on anion binding by polyammonium receptor molecules. <i>Helvetica Chimica Acta</i> , 1988 , 71, 749-756	2	67
20	Mechanisms of the ATPase-like activity of the macrocyclic polyamine receptor molecule [24]N6O2. <i>Bioorganic Chemistry</i> , 1988 , 16, 418-428	5.1	16
19	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. <i>Inorganic Chemistry</i> , 1988 , 27, 3630-3636	5.1	50
18	Supramolecular catalysis: substrate phosphorylations and adenosine triphosphate synthesis with acetylphosphate catalysed by a macrocycle polyamine. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 397		25
17	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. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 596		37
16	Supramolecular catalysis of phosphoryl transfer: cocatalysis of pyrophosphate synthesis from acetyl phosphate mediated by macrocyclic polyamines. <i>Journal of the American Chemical Society</i> , 1987 , 109, 7047-7058	16.4	54
15	Ferric ion sequestering agents. 17. Macrobicyclic iron(III) sequestering agents. <i>Journal of the American Chemical Society</i> , 1987 , 109, 7196-7198	16.4	61
14	Synthesis of mono- and difunctionalized ditopic [24]N6O2 macrocyclic receptor molecules. <i>Journal of Organic Chemistry</i> , 1987 , 52, 1662-1666	4.2	56
13	Supramolecular catalysis in the hydrolysis of ATP facilitated by macrocyclic polyamines: mechanistic studies. <i>Journal of the American Chemical Society</i> , 1987 , 109, 537-544	16.4	105
12	Evidence for a protophosphatase catalysed cleavage of adenosine triphosphate by a dissociative-type mechanism within a receptor-substrate complex. <i>Tetrahedron Letters</i> , 1987 , 28, 2779-2782		27
11	Binding of AMP, ADP, and ATP Nucleotides by Polyammonium Macrocycles. <i>Helvetica Chimica Acta</i> , 1987 , 70, 1312-1319	2	97
10	Anion Coreceptor Molecules. Linear Molecular Recognition in the Selective Binding of Dicarboxylate Substrates by Ditopic Polyammonium Macrocycles. <i>Helvetica Chimica Acta</i> , 1986 , 69, 587-603		124
9	Superpolyamines† Macrocyclic polyamines induce highly efficient actin polymerization. <i>FEBS Journal</i> , 1985 , 151, 557-9		15
8	Synthesis of Macrobicyclic Polyamines by Direct Macrobicyclisation via Tripode-Tripode Coupling. <i>Helvetica Chimica Acta</i> , 1985 , 68, 289-299	2	68
7	Cocatalysis: pyrophosphate synthesis from acetylphosphate catalysed by a macrocyclic polyamine. <i>Journal of the Chemical Society Chemical Communications</i> , 1985 , 1155		29

6	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. <i>Journal of the American Chemical Society</i> , 1985 , 107, 6888-6892	16.4	54
5	Synthesis and Protonation Features of 24-, 27- and 32-membered Macrocyclic Polyamines. <i>Helvetica Chimica Acta</i> , 1983 , 66, 1262-1278	2	93
4	Efficient Molecular Catalysis of ATP-Hydrolysis by Protonated Macrocyclic Polyamines. <i>Helvetica Chimica Acta</i> , 1983 , 66, 2454-2466	2	128
3	Anion receptor molecules. Chain length dependent selective binding of organic and biological dicarboxylate anions by ditopic polyammonium macrocycles. <i>Journal of the American Chemical Society</i> , 1982 , 104, 3525-3527	16.4	164
2	Redox properties and stability constants of anion complexes. An electrochemical study of the complexation of metal hexacyanide anions by polyammonium macrocyclic receptor molecules. <i>Journal of the Chemical Society Chemical Communications</i> , 1981 , 1067		36
1	Anion receptor molecules. Synthesis and anion-binding properties of polyammonium macrocycles. <i>Journal of the American Chemical Society</i> , 1981 , 103, 1282-1283	16.4	259