Jonathan W Steed

List of Publications by Year
in descending order

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531 papers	23,013 citations	13068 68 h-index	12558 132 g-index
584 all docs	584 docs citations	584 times ranked	18639 citing authors

#	Article	IF	Citations
1	Mechanochemistry: opportunities for new and cleaner synthesis. Chemical Society Reviews, 2012, 41, 413-447.	18.7	2,281
2	Metal- and Anion-Binding Supramolecular Gels. Chemical Reviews, 2010, 110, 1960-2004.	23.0	1,124
3	Supramolecular gel chemistry: developments over the last decade. Chemical Communications, 2011, 47, 1379-1383.	2.2	585
4	Anion-tuned supramolecular gels: a natural evolution from urea supramolecular chemistry. Chemical Society Reviews, 2010, 39, 3686.	18.7	545
5	Supramolecular materials. Chemical Society Reviews, 2017, 46, 2404-2420.	18.7	530
6	Coordination and organometallic compounds as anion receptors and sensors. Chemical Society Reviews, 2009, 38, 506-519.	18.7	450
7	Halogen-bonding-triggered supramolecular gel formation. Nature Chemistry, 2013, 5, 42-47.	6.6	410
8	Gels with sense: supramolecular materials that respond to heat, light and sound. Chemical Society Reviews, 2016, 45, 6546-6596.	18.7	395
9	Anion-tuning of supramolecular gel properties. Nature Chemistry, 2009, 1, 437-442.	6.6	385
10	First- and second-sphere coordination chemistry of alkali metal crown ether complexes. Coordination Chemistry Reviews, 2001, 215, 171-221.	9.5	378
11	The chemistry of low dosage clathrate hydrate inhibitors. Chemical Society Reviews, 2013, 42, 1996.	18.7	338
12	Packing Problems: High Zâ€² Crystal Structures and Their Relationship to Cocrystals, Inclusion Compounds, and Polymorphism. Chemical Reviews, 2015, 115, 2895-2933.	23.0	311
13	Should solid-state molecular packing have to obey the rules of crystallographic symmetry?. CrystEngComm, 2003, 5, 169-179.	1.3	291
14	Pharmaceutical cocrystals, salts and multicomponent systems; intermolecular interactions and property based design. Advanced Drug Delivery Reviews, 2017, 117, 3-24.	6.6	279
15	The role of co-crystals in pharmaceutical design. Trends in Pharmacological Sciences, 2013, 34, 185-193.	4.0	276
16	Anion-switchable supramolecular gels for controlling pharmaceutical crystal growth. Nature Chemistry, 2010, 2, 1037-1043.	6.6	269
17	Ball and Socket Nanostructures: New Supramolecular Chemistry Based on Cyclotriveratrylene. Journal of the American Chemical Society, 1994, 116, 10346-10347.	6.6	248
18	Supramolecular gel phase crystallization: orthogonal self-assembly under non-equilibrium conditions. Chemical Society Reviews, 2014, 43, 2080-2088.	18.7	247

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19	A Highly Efficient, Preorganized Macrobicyclic Receptor for Halides Based on CHÂ·Â·Â· and NHÂ·Â·Â·Anion Interactions. Journal of the American Chemical Society, 2004, 126, 12395-12402.	6.6	234
20	A modular approach to anion binding podands: adaptability in design and synthesis leads to adaptability in properties. Chemical Communications, 2006, , 2637.	2.2	199
21	Bis(carbene)pyridine Complexes of the Early to Middle Transition Metals:â€‰ Survey of Ethylene Oligomerization and Polymerization Capability. Organometallics, 2004, 23, 6288-6292.	1.1	195
22	Slow Anion Exchange, Conformational Equilibria, and Fluorescent Sensing in Venus Flytrap Aminopyridinium-Based Anion Hosts. Journal of the American Chemical Society, 2003, 125, 9699-9715.	6.6	194
23	Anion Binding within the Cavity of Ï€-Metalated Calixarenes. Journal of the American Chemical Society, 1997, 119, 6324-6335.	6.6	175
24	Laying traps for elusive prey: recent advances in the non-covalent binding of anions. Chemical Communications, 1996, , 1401.	2.2	173
25	A Conformationally Flexible, Urea-Based Tripodal Anion Receptor:Â Solid-State, Solution, and Theoretical Studies. Journal of Organic Chemistry, 2006, 71, 1598-1608.	1.7	155
26	Exploiting Cavities in Supramolecular Gels. Angewandte Chemie - International Edition, 2010, 49, 6718-6724.	7.2	155
27	Engineering of porous Ï€-stacked solids using mechanochemistry. Chemical Communications, 2001, , 1062-1063.	2.2	148
28	Supramolecular Chemistry of p-Sulfonatocalix[5]arene: A Water-Soluble, Bowl-Shaped Host with a Large Molecular Cavity. Journal of the American Chemical Society, 1995, 117, 11426-11433.	6.6	140
29	Bis(carbene)pyridine Complexes of Cr(III):Â Exceptionally Active Catalysts for the Oligomerization of Ethylene. Journal of the American Chemical Society, 2003, 125, 12716-12717.	6.6	134
30	Gelation is crucially dependent on functional group orientation and may be tuned by anion binding. Chemical Communications, 2008, , 2644.	2.2	134
31	Metal Ion and Anion-Based â€œTuningâ€•of a Supramolecular Metallogel. Langmuir, 2009, 25, 8451-8456.	1.6	127
32	A modular approach to organic, coordination complex and polymer based podand hosts for anions. Coordination Chemistry Reviews, 2006, 250, 3200-3218.	9.5	123
33	Topological control in coordination polymers by non-covalent forces. Chemical Communications, 1999, , 1563-1564.	2.2	116
34	Comment on â€œOn the presence of multiple molecules in the crystal asymmetric unit (Zâ€² > 1)â€•by Gautam R. Desiraju, CrystEngComm, 2007,9, 91. CrystEngComm, 2007, 9, 328-330.	1.3	115
35	Channel-containing 1D coordination polymers based on a linear dimetallic spacer. Chemical Communications, 2002, , 1602-1603.	2.2	113
36	Fluorescent carbon quantum dot hydrogels for direct determination of silver ions. Talanta, 2016, 151, 100-105.	2.9	112

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37	Bacterial sensors define intracellular free energies for correct enzyme metalation. Nature Chemical Biology, 2019, 15, 241-249.	3.9	112
38	Rheology and silver nanoparticle templating in a bis(urea) silver metallogel. Soft Matter, 2011, 7, 2412.	1.2	110
39	Structure Calculation of an Elastic Hydrogel from Sonication of Rigid Small Molecule Components. Angewandte Chemie - International Edition, 2008, 47, 1058-1062.	7.2	107
40	Inclusion of Neutral and Anionic Guests within the Cavity of Ï€-Metalated Cyclotriveratrylenes. Journal of the American Chemical Society, 1996, 118, 9567-9576.	6.6	105
41	Shear induced gelation in a copper(ii) metallogel: new aspects of ion-tunable rheology and gel-reformation by external chemical stimuli. Soft Matter, 2010, 6, 3541.	1.2	104
42	Anion binding inhibition of the formation of a helical organogel. Chemical Communications, 2006, , 3199.	2.2	101
43	Metal-induced gelation in dipyridyl ureas. New Journal of Chemistry, 2010, 34, 2261.	1.4	99
44	Fluorescent carbon dotâ€“molecular salt hydrogels. Chemical Science, 2015, 6, 6139-6146.	3.7	95
45	Pharmaceutical polymorph control in a drug-mimetic supramolecular gel. Chemical Science, 2017, 8, 78-84.	3.7	94
46	Transition Metal Complexes ofp-Sulfonatocalix[5]arene. Inorganic Chemistry, 1996, 35, 2602-2610.	1.9	93
47	Anionic iron(II) alkoxides as initiators for the controlled ring-opening polymerization of lactide. Journal of Polymer Science Part A, 2003, 41, 3798-3803.	2.5	88
48	A modular, self-assembled, separated ion pair binding system. Chemical Communications, 2004, , 1352.	2.2	88
49	Supramolecular Synthon Frustration Leads to Crystal Structures with Zâ€² > 1. Crystal Growth and Design, 2008, 8, 2517-2524.	1.4	87
50	WhenZâ€˜ = 2 Is Better thanZâ€˜ = 1Supramolecular Centrosymmetric Hydrogen-Bonded Dimers in Chiral Systems. Crystal Growth and Design, 2006, 6, 2109-2113.	1.4	86
51	Modular nanometer-scale structuring of gel fibres by sequential self-organization. Chemical Communications, 2005, , 5423.	2.2	80
52	Encapsulated Nanodroplet Crystallization of Organic-Soluble Small Molecules. CheM, 2020, 6, 1755-1765.	5.8	80
53	Unusual variations in the incidence of Z? > 1 in oxo-anion structures. Chemical Communications, 2006, , 2138.	2.2	77
54	A Water-Solubleâ€œBear Trapâ€•Exhibiting Strong Anion Complexation Properties. Angewandte Chemie International Edition in English, 1995, 33, 2456-2457.	4.4	76

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55	Anion binding by Ag(i) complexes of urea-substituted pyridyl ligands. New Journal of Chemistry, 2005, 29, 90.	1.4	76
56	Anion tuning of chiral bis(urea) low molecular weight gels. Soft Matter, 2012, 8, 204-216.	1.2	76
57	Braiding, branching and chiral amplification of nanofibres in supramolecular gels. Nature Chemistry, 2019, 11, 375-381.	6.6	76
58	Cooperative anion binding and electrochemical sensing by modular podands. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5001-5006.	3.3	74
59	Organometallic cavitands: Cationâ€“Ï€ interactions and anion binding via ï€-metallation. Coordination Chemistry Reviews, 2007, 251, 1747-1760.	9.5	74
60	A â€œCompartmentalâ€•Borromean Weave Coordination Polymer Exhibiting Saturated Hydrogen Bonding to Anions and Water Cluster Inclusion. Angewandte Chemie - International Edition, 2008, 47, 5761-5764.	7.2	73
61	Gradual Transition from NHÂ·Â·Â·Pyridyl Hydrogen Bonding to the NHÂ·Â·Â·O Tape Synthon in Pyridyl Ureas. Crystal Growth and Design, 2008, 8, 3335-3344.	1.4	72
62	Designing Co-Crystals of Pharmaceutically Relevant Compounds That Crystallize with Zâ€² > 1. Crystal Growth and Design, 2009, 9, 1082-1087.	1.4	72
63	Synthesis and Structural Characterization of Tin(II) and Zinc(II) Derivatives of Cyclic Î±-Hydroxyketones, Including the Structures of Sn(maltol)2, Sn(tropolone)2, Zn(tropolone)2, and Zn(hinokitiol)2. Inorganic Chemistry, 2001, 40, 4384-4388.	1.9	70
64	Organic macrocyclic polyamine-based receptors for anions. Journal of Supramolecular Chemistry, 2001, 1, 165-187.	0.4	70
65	The R21(6) hydrogen-bonded synthon in neutral urea and metal-bound halide systems. CrystEngComm, 2004, 6, 633.	1.3	70
66	Induced Fit Interanion Discrimination by Binding-Induced Excimer Formation. Journal of the American Chemical Society, 2008, 130, 4105-4113.	6.6	70
67	Knot theory in modern chemistry. Chemical Society Reviews, 2016, 45, 6432-6448.	18.7	70
68	Oxonium Ions from Aqua Regia:Â Isolation by Hydrogen Bonding to Crown Ethers. Inorganic Chemistry, 2001, 40, 4978-4985.	1.9	69
69	Blending Gelators to Tune Gel Structure and Probe Anionâ€Induced Disassembly. Chemistry - A European Journal, 2014, 20, 279-291.	1.7	69
70	Insights into supramolecular design from analysis of halide coordination geometry in a protonated polyamine matrix. New Journal of Chemistry, 2000, 24, 787-798.	1.4	67
71	Cooperative Hydrogen-Bonding Effects in a Water Square:Â A Single-Crystal Neutron and Partial Atomic Charges and Hardness Analysis Study. Journal of the American Chemical Society, 2005, 127, 11063-11074.	6.6	64
72	Facile syntheses of new multidentate (phosphino)amines: X-ray structure of 1,4-{(OC)4Mo(Ph2P)2NCH2}2C6H4. Journal of Organometallic Chemistry, 2002, 664, 294-297.	0.8	63

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73	Carbamoyl Radicalâ€Mediated Synthesis and Semipinacol Rearrangement of Î²â€Lactam Diols. Chemistry - A European Journal, 2014, 20, 6505-6517.	1.7	62
74	Anion hydrogen bond effects in the formation of planar or quintuple helical coordination polymers. Chemical Communications, 2008, , 3720.	2.2	61
75	Anion tuning of the rheology, morphology and gelation of a low molecular weight salt hydrogelator. Soft Matter, 2011, 7, 75-84.	1.2	61
76	Inclusion chemistry of cyclotriveratrylene and cyclotricatechylene. Supramolecular Chemistry, 1996, 7, 37-45.	1.5	60
77	Fluorescent â€˜Twistâ€onâ€™ Sensing by Inducedâ€Fit Anion Stabilisation of a Planar Chromophore. Chemistry - A European Journal, 2010, 16, 2714-2718.	1.7	58
78	Influence of the metal and chiral diamine on metal(II)salen catalysed, asymmetric synthesis of Î±-methyl Î±-amino acids. Tetrahedron, 2004, 60, 3191-3204.	1.0	57
79	A small tris(imidazolium) cage forms an N-heterocyclic carbene complex with silver(i). Chemical Communications, 2007, , 3634.	2.2	57
80	Formation of Lanthanide and Actinide Oxonium Ion Complexes with Crown Ethers from a Liquid Clathrate Mediumâ€. Inorganic Chemistry, 1998, 37, 4666-4671.	1.9	56
81	Influence of hydrogen bonding on coordination polymer assembly. Chemical Communications, 2005, , 2405.	2.2	56
82	Pyridinium CHâ‹¯anion and Ï€-stacking interactions in modular tripodal anion binding hosts: ATP binding and solid-state chiral induction. Organic and Biomolecular Chemistry, 2006, 4, 781.	1.5	56
83	The First Structurally Characterized Hypervalent Silicon Hydride:Â Unexpected Molecular Geometry and Siâ‹¯HÂ·Â·Â·K Interactions. Journal of the American Chemical Society, 2001, 123, 7736-7737.	6.6	55
84	Electrochemical Studies on the Modular Podand 1,3,5-Tris(3-((ferrocenylmethyl)amino)pyridiniumyl)-2,4,6-triethylbenzene Hexafluorophosphate in Conventional Solvents and Ionic Liquids. Journal of Physical Chemistry B, 2003, 107, 5777-5786.	1.2	54
85	Utilization of crown ethers to stabilize the dinuclear Î¼-oxo bridged iron(iii) aqua ion, [(H2O)5Fe(Î¼-O)Fe(OH2)5]4+. Dalton Transactions RSC, 2002, , 1024.	2.3	53
86	Identification of an Asymmetric Pausonâ‹¯Khand Precatalyst. Organometallics, 2003, 22, 5382-5384.	1.1	53
87	Hypervalent hydridosilicates: synthesis, structure and hydride bridging. Dalton Transactions, 2008, , 271-282.	1.6	52
88	The synthesis of new bimetallic complex salts by halide/sulfur chelate cross transfer: X-ray crystal structures of the salts [Ni(S2CNEt2)(dppe)]2[HgBr4], [Pt(S2CNEt2)(dppe)]2[CdCl4], [Co(S2CNEt2)2(dppe)]2[Cl3ZnO:(Ph)2PCH2CH2P(Ph)2:OZnCl3] and [Pd(S2CNnBu2)(bipy)]2[CdCl4]. Polyhedron, 2001, 20, 2951-2963.	1.0	51
89	New Insights into an Old Molecule: Interaction Energies of Theophylline Crystal Forms. Crystal Growth and Design, 2012, 12, 1395-1401.	1.4	51
90	Metal â€˜turn-offâ€™, anion â€˜turn-onâ€™ gelation cascade in pyridinylmethyl ureas. Chemical Communications, 2017, 53, 2024-2027.	2.2	51

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91	Crown ether chemistry of the alkaline earth nitrates. Journal of the Chemical Society Dalton Transactions, 1999, , 407-414.	1.1	49
92	Anion sensing â€˜venus flytrapâ€™ hosts: a modular approach. Chemical Communications, 2002, , 358-359.	2.2	49
93	Structure of organic solids at low temperature and high pressure. Chemical Society Reviews, 2014, 43, 4300-4311.	18.7	49
94	Why do polymorphs form? A single crystal phase transformation from weak dipolar interactions to a sixfold phenyl embrace. CrystEngComm, 2002, 4, 271-276.	1.3	48
95	Hosting a Radioactive Guest: Binding of 99TcO4- by a Metalated Cyclotriveratrylene. Journal of the American Chemical Society, 1995, 117, 7848-7849.	6.6	47
96	Oxo-anion binding by metal containing molecular â€˜cleftsâ€™. Journal of Organometallic Chemistry, 2003, 666, 63-74.	0.8	47
97	The synthesis and co-ordination chemistry of new functionalised pyridylphosphines derived from Ph2PCH2OHâ€Šâ€. Dalton Transactions RSC, 2000, , 2771-2778.	2.3	46
98	A Novel Recyclable Sulfur Monoxide Transfer Reagent. Organic Letters, 2001, 3, 3565-3568.	2.4	46
99	The Structure of Water in pâ€Sulfonatocalix[4]arene. Chemistry - A European Journal, 2011, 17, 10259-10271.	1.7	46
100	Dimeric Self-Assembling Capsules Derived from the Highly Flexible Tribenzylamine Skeletonâ€. Journal of Organic Chemistry, 2002, 67, 7091-7095.	1.7	45
101	Design, Synthesis, and Structural Characterization of Molecular and Supramolecular Heterobimetallic Metallamacrocycles Based on the 1,1â€˜-Bis(4-pyridyl)ferrocene (Fe(Î·5-C5H4-1-C5H4N)2) Ligand. Organometallics, 2003, 22, 4532-4538.	1.1	45
102	Novel Structures and Pausonâ€“Khand Activities of N-Heterocyclic Carbene Dicobalt Complexes. Organometallics, 2003, 22, 5374-5377.	1.1	45
103	A Simple Strategy for Crystal Engineering Water Clusters. Crystal Growth and Design, 2007, 7, 2649-2653.	1.4	45
104	Problems Associated with Sour Gas in the Oilfield Industry and Their Solutions. Energy & Fuels, 2015, 29, 4667-4682.	2.5	45
105	Highlights from Faraday discussion 170: Challenges and opportunities of modern mechanochemistry, Montreal, Canada, 2014. Chemical Communications, 2015, 51, 6248-6256.	2.2	45
106	Carbohydrate-supramolecular gels: Adsorbents for chromium(VI) removal from wastewater. Journal of Colloid and Interface Science, 2019, 548, 184-196.	5.0	45
107	AuÂ·Â·Â·Au Interactions:â€‰ Zâ€‰â€˜ > 1 Behavior and Structural Analysis. Inorganic Chemistry, 2007, 46, 6444-6451.	1.9	44
108	Anion Binding and Luminescent Sensing using Cationic Ruthenium(II) Aminopyridine Complexes. Chemistry - A European Journal, 2008, 14, 7296-7305.	1.7	43

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109	Cavity-containing supramolecular gels as a crystallization tool for hydrophobic pharmaceuticals. Chemical Communications, 2016, 52, 10113-10116.	2.2	43
110	Fine control of metal concentrations is necessary for cells to discern zinc from cobalt. Nature Communications, 2017, 8, 1884.	5.8	42
111	Hydrogen bonding. Journal of Chromatography A, 1991, 588, 361-0364.	1.8	41
112	Reduction of a Chelating Bis(NHC) Palladium(II) Complex to [{Î¼â€bis(NHC)}₂Pd₂H]⁺: A Terminal Hydride in a Binuclear Palladium(I) Species Formed under Catalytically Relevant Conditions. Angewandte Chemie - International Edition, 2010, 49, 6315-6318.	7.2	41
113	Self-Assembly of Tris(2-ureidobenzyl)amines: A New Type of Capped, Capsule-Like Dimeric Aggregates Derived from a Highly Flexible Skeleton. Chemistry - A European Journal, 2004, 10, 1383-1397.	1.7	40
114	X-ray and Neutron Diffraction in the Study of Organic Crystalline Hydrates. Water (Switzerland), 2010, 2, 333-350.	1.2	40
115	Helical or Polar Guest-DependentZâ€˜ = 1.5 orZâ€˜ = 2 Forms of a Sterically Hindered Bis(urea) Clathrate. Crystal Growth and Design, 2006, 6, 1750-1752.	1.4	39
116	Self-assembly of tris(ureidobenzyl)amines: flexible bricks for robust architectures. Chemical Communications, 2010, 46, 1394.	2.2	39
117	A quinolinium-derived turn-off fluorescent anion sensor. Organic and Biomolecular Chemistry, 2010, 8, 1010.	1.5	39
118	Halogen and Hydrogen Bonding in Povidone-Iodine and Related Co-Phases. Crystal Growth and Design, 2017, 17, 5552-5558.	1.4	39
119	Coordination Chemistry and Catalytic Activity of Ruthenium Complexes of Terdentate Phosphorusâ^'Nitrogenâ^'Phosphorus (PNP) and Bidentate Phosphorusâ^'Nitrogen (PNH) Ligands. Organometallics, 2002, 21, 4927-4933.	1.1	38
120	Size does matterâ€"the contribution of molecular volume, shape and flexibility to the formation of co-crystals and structures with Zâ€² > 1. CrystEngComm, 2011, 13, 83-87.	1.3	38
121	Triggered formation of thixotropic hydrogels by balancing competitive supramolecular synthons. Soft Matter, 2013, 9, 11699.	1.2	38
122	21st century developments in the understanding and control of molecular solids. Chemical Communications, 2018, 54, 13175-13182.	2.2	38
123	Rhodium cyclooctadiene complexes of the weakly co-ordinating carborane anion [closo-CB11H12]â^'. Isolation and crystal structures of [(COD)Rh(Î·2-CB11H12)] and [(COD)Rh(THF)2][CB11H12]. Journal of Organometallic Chemistry, 2000, 614-615, 113-119.	0.8	37
124	Synthesis and characterisation of {Mo(Î·-L)(CO)3}+ (Î·-Lâ€…=â€…C5H5 or C5Me5) fragments ligated with [CB11H12]â^' and derivatives. Isolation and structural characterisation of an intermediate in a silver salt metathesis reaction. Dalton Transactions RSC, 2001, , 277-283.	2.3	37
125	Influence of hydrogen bonding on â€˜softâ€™ coordination geometries: further examples. Polyhedron, 2003, 22, 769-774.	1.0	37
126	Cationic Iridium Phosphines Partnered with [closo-CB11H6Br6]-:Â (PPh3)2Ir(H)2(closo-CB11H6Br6) and [(PPh3)2Ir(Î·2-C2H4)3][closo-CB11H6Br6]. Relevance to Counterion Effects in Olefin Hydrogenation. Organometallics, 2004, 23, 428-432.	1.1	37

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127	Linear distortion of octahedral metal centres by multiple hydrogen bonds in modular ML4 systems. Chemical Communications, 2004, , 1354.	2.2	37
128	Anion tuning and polymer templating in a simple low molecular weight organogelator. Chemical Communications, 2011, 47, 2095-2097.	2.2	37
129	Is the unconventional Hâ‹¯H bond more common than expected? Synthesis and X-ray structure of monomeric [Ru(CO)H2(PPh3)3]. Journal of Organometallic Chemistry, 1999, 587, 191-194.	0.8	36
130	Anion-induced structural diversity in 12-crown-4 complexes of transition metal salts. Polyhedron, 2001, 20, 2979-2988.	1.0	36
131	Conformational control by â€˜zipping-upâ€™ an anion-binding unimolecular capsule. Chemical Communications, 2008, , 1395.	2.2	36
132	Fluorous â€˜ponytailsâ€™ lead to strong gelators showing thermally induced structure evolution. Soft Matter, 2015, 11, 8471-8478.	1.2	36
133	Synthesis of cationic organometallic calixarene hosts by direct metalation of the outer face. Journal of the Chemical Society Chemical Communications, 1994, , 2205.	2.0	35
134	A Synthesis of Atenolol Using a Nitrile Hydration Catalyst. Organic Process Research and Development, 1998, 2, 274-276.	1.3	35
135	Insights into supramolecular design 2: Analysis of anion coordination geometry of oxoanions in a protonated polyamine matrixPart 1: ref. 1. Electronic supplementary information (ESI) available: Hydrogen bonds for new compounds. See http://www.rsc.org/suppdata/ce/b1/b109449a/. CrystEngComm, 2002, 4, 26.	1.3	35
136	Simultaneous anion and cation binding by a simple polymer-bound ureidopyridyl ligand. Chemical Communications, 2006, , 269-271.	2.2	35
137	Modular assembly of a preorganised, ditopic receptor for dicarboxylates. Chemical Communications, 2006, , 156-158.	2.2	35
138	Intramolecular binding site competition as a means of tuning the response of a colourimetric anion sensor. New Journal of Chemistry, 2008, 32, 786.	1.4	35
139	Allosteric effects in a tetrapodal imidazolium-derived calix[4]arene anion receptor. Organic and Biomolecular Chemistry, 2009, 7, 2756.	1.5	35
140	A water soluble, anion-binding zwitterionic capsule based on electrostatic interactions between self-complementary hemispheres. Chemical Communications, 2010, 46, 2787.	2.2	35
141	Tripodal imidazole frameworks: Reversible vapour sorption both with and without significant structural changes. Dalton Transactions, 2011, 40, 573-582.	1.6	35
142	Pharmaceutical crystallization with nanocellulose organogels. Chemical Communications, 2016, 52, 7782-7785.	2.2	35
143	Hydrogen bonded polymers and oligomers from metal salts and 18-crown-6. Journal of the Chemical Society Dalton Transactions, 1998, , 3417-3424.	1.1	34
144	Synthesis and Characterization of Gallium Silylamido Complexes. Inorganic Chemistry, 2001, 40, 6035-6038.	1.9	34

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145	Facile Pyrazolylborate Ligand Degradation at Lanthanide Centers:Â X-ray Crystal Structures of Pyrazolylborinate-Bridged Bimetallics. Inorganic Chemistry, 2002, 41, 6761-6768.	1.9	34
146	Minimizing Polymorphic Risk through Cooperative Computational and Experimental Exploration. Journal of the American Chemical Society, 2020, 142, 16668-16680.	6.6	34
147	Structure of the alums. I. On the sulfate group disorder in the Î±-alums. Acta Crystallographica Section B: Structural Science, 2000, 56, 204-209.	1.8	33
148	A Synthetic Alternative to the Type-II Intramolecular 4 + 3 Cycloaddition Reaction. Journal of Organic Chemistry, 2003, 68, 7899-7902.	1.7	33
149	Supramolecular Gel Control of Cisplatin Crystallization: Identification of a New Solvate Form Using a Cisplatin-Mimetic Gelator. Crystal Growth and Design, 2015, 15, 4591-4599.	1.4	33
150	Selective gelation of N-(4-pyridyl)nicotinamide by copper(<scp>ii</scp>) salts. CrystEngComm, 2015, 17, 8130-8138.	1.3	33
151	Gelation by supramolecular dimerization of mono(urea)s. Chemical Communications, 2016, 52, 198-201.	2.2	33
152	Supramolecular interactions in metal tosylate complexes. Polyhedron, 2001, 20, 643-649.	1.0	32
153	Bis(Nâ€heterocyclic carbene) Dipalladium Complexes: Synthesis, Solidâ€State Conformational Studies and Solution Behaviour. European Journal of Inorganic Chemistry, 2009, 2009, 2835-2843.	1.0	32
154	Intra-Cavity Inclusion of[CpFeII(arene)]+ Guests by Cyclotriveratrylene. Angewandte Chemie International Edition in English, 1997, 36, 1736-1738.	4.4	31
155	Bowl vs Saddle Conformations in Cyclononatriene-Based Anion Binding Hosts. Organometallics, 1998, 17, 1732-1740.	1.1	31
156	[15]Crown-5: An Unsymmetrical Bifacial Hydrogen-Bond Acceptor in Crystal Engineering. Chemistry - A European Journal, 2001, 7, 1240-1247.	1.7	31
157	Mercury(II)N,Nâ€²-Methyl-Phenylethyl-Dithiocarbamate and Its Use as a Precursor for the Room-Temperature Solution Deposition ofÎ²-HgS Thin Films. Advanced Materials, 2004, 16, 994-996.	11.1	31
158	Hydrogen Bonding Is Not Everything: Extensive Polymorphism in a System with Conserved Hydrogen Bonded Synthons. Crystal Growth and Design, 2010, 10, 880-886.	1.4	31
159	Scrolling of Supramolecular Lamellae in the Hierarchical Self-Assembly of Fibrous Gels. CheM, 2017, 3, 603-628.	5.8	31
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