

Christopher A Hunter

List of Publications by Citations

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251
papers

20,601
citations

62
h-index

138
g-index

259
ext. papers

21,951
ext. citations

8.8
avg, IF

7.19
L-index

#	Paper	IF	Citations
251	The nature of π - π interactions. <i>Journal of the American Chemical Society</i> , 1990 , 112, 5525-5534	16.4	4379
250	Aromatic interactions. <i>Perkin Transactions II RSC</i> , 2001 , 651-669		1095
249	Quantifying intermolecular interactions: guidelines for the molecular recognition toolbox. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5310-24	16.4	799
248	Meldola Lecture. The role of aromatic interactions in molecular recognition. <i>Chemical Society Reviews</i> , 1994 , 23, 101	58.5	788
247	What is cooperativity?. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7488-99	16.4	622
246	π - π interactions: the geometry and energetics of phenylalanine-phenylalanine interactions in proteins. <i>Journal of Molecular Biology</i> , 1991 , 218, 837-46	6.5	550
245	Sequence-dependent DNA structure. The role of base stacking interactions. <i>Journal of Molecular Biology</i> , 1993 , 230, 1025-54	6.5	386
244	Synthesis and structure elucidation of a new [2]-catenane. <i>Journal of the American Chemical Society</i> , 1992 , 114, 5303-5311	16.4	369
243	Arene-Arene Interactions: Electrostatic or Charge Transfer?. <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 1584-1586		315
242	Highly efficient catalysis of the Kemp elimination in the cavity of a cubic coordination cage. <i>Nature Chemistry</i> , 2016 , 8, 231-6	17.6	278
241	Electrostatic control of aromatic stacking interactions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8594-5	16.4	267
240	Dabco-metalloporphyrin binding: ternary complexes, host-guest chemistry and the measurement of π - π interactions. <i>Journal of the American Chemical Society</i> , 1990 , 112, 5773-5780	16.4	244
239	Supramolecular topology. <i>Tetrahedron</i> , 1999 , 55, 5265-5293	2.4	241
238	Chemical double-mutant cycles: dissecting non-covalent interactions. <i>Chemical Society Reviews</i> , 2007 , 36, 172-88	58.5	224
237	Substituent effects on aromatic stacking interactions. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1062-380	380	204
236	Self-Assembled Porphyrin Polymers. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 764-767	16.4	188
235	Virtual cocrystal screening. <i>Chemical Science</i> , 2011 , 2, 883	9.4	185

234	Molecular Transformer: A Model for Uncertainty-Calibrated Chemical Reaction Prediction. <i>ACS Central Science</i> , 2019 , 5, 1572-1583	16.8	181
233	Sequence-dependent DNA structure: tetranucleotide conformational maps. <i>Journal of Molecular Biology</i> , 2000 , 295, 85-103	6.5	165
232	Zwischenmolekulare Wechselwirkungen in Lösung: eine vereinfachende Quantifizierungsmethode. <i>Angewandte Chemie</i> , 2004 , 116, 5424-5439	3.6	161
231	Thermodynamics of induced-fit binding inside polymacrocyclic porphyrin hosts. <i>Journal of the American Chemical Society</i> , 1990 , 112, 5780-5789	16.4	159
230	Synthesis and Recognition Properties of Aromatic Amide Oligomers: Molecular Zippers. <i>Journal of the American Chemical Society</i> , 2000 , 122, 8856-8868	16.4	150
229	Solvent effects on hydrogen bonding. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3706-9	16.4	148
228	Non-covalent interactions between iodo-perfluorocarbons and hydrogen bond acceptors. <i>Chemical Communications</i> , 2009 , 2005-7	5.8	145
227	An AAAA-DDDD quadruple hydrogen-bond array. <i>Nature Chemistry</i> , 2011 , 3, 244-48	17.6	142
226	Self-Assembly of a Dimeric Porphyrin Host. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 2313-2316		141
225	Photoinduced Energy and Electron Transfer in Supramolecular Porphyrin Assemblies. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1936-1939		138
224	Chemical Double-Mutant Cycles for the Measurement of Weak Intermolecular Interactions: Edge-to-Face Aromatic Interactions. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1542-1544		135
223	Synthesis of a molecular trefoil knot by folding and closing on an octahedral coordination template. <i>Nature Chemistry</i> , 2010 , 2, 218-22	17.6	134
222	Sequence-dependent DNA structure: dinucleotide conformational maps. <i>Journal of Molecular Biology</i> , 2000 , 295, 71-83	6.5	133
221	Coordination Cages Based on Bis(pyrazolylpyridine) Ligands: Structures, Dynamic Behavior, Guest Binding, and Catalysis. <i>Accounts of Chemical Research</i> , 2018 , 51, 2073-2082	24.3	125
220	Cooperative Interactions in a Ternary Mixture. <i>Chemistry - A European Journal</i> , 1998 , 4, 845-851	4.8	125
219	Hydrogen bonding halogen bonding: the solvent decides. <i>Chemical Science</i> , 2017 , 8, 5392-5398	9.4	116
218	DNA base-stacking interactions: a comparison of theoretical calculations with oligonucleotide X-ray crystal structures. <i>Journal of Molecular Biology</i> , 1997 , 265, 603-19	6.5	110
217	Substituent effects on cation-pi interactions: a quantitative study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 4873-6	11.5	109

216	A Binary Quinone Receptor. <i>Angewandte Chemie International Edition in English</i> , 1992 , 31, 792-795		105
215	Exciton coupling in porphyrin dimers. <i>Chemical Physics</i> , 1989 , 133, 395-404	2.3	104
214	Substituent effects on edge-to-face aromatic interactions. <i>Chemistry - A European Journal</i> , 2002 , 8, 2848-2859		103
213	Molecular acrobatics: self-assembly of calixarene-porphyrin cages. <i>Journal of the American Chemical Society</i> , 2003 , 125, 14181-9	16.4	103
212	A solvent-resistant halogen bond. <i>Chemical Science</i> , 2014 , 5, 4179-4183	9.4	101
211	Desolvation tips the balance: solvent effects on aromatic interactions. <i>Chemical Communications</i> , 2006 , 3806-8	5.8	101
210	pH-dependent binding of guests in the cavity of a polyhedral coordination cage: reversible uptake and release of drug molecules. <i>Chemical Science</i> , 2015 , 6, 625-631	9.4	100
209	Self-assembly of oligomeric porphyrin rings. <i>Organic Letters</i> , 2000 , 2, 2435-8	6.2	98
208	DABCO-Induced self-assembly of a trisporphyrin double-decker cage: thermodynamic characterization and guest recognition. <i>Journal of the American Chemical Society</i> , 2006 , 128, 5560-9	16.4	93
207	Cooperative binding at lipid bilayer membrane surfaces. <i>Journal of the American Chemical Society</i> , 2003 , 125, 4593-9	16.4	92
206	The thermodynamics of self-assembly. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2563		92
205	Sequence-dependent DNA structure: the role of the sugar-phosphate backbone. <i>Journal of Molecular Biology</i> , 1998 , 280, 407-20	6.5	87
204	Self-assembly of macrocyclic porphyrin oligomers. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2567		87
203	Mapping the internal recognition surface of an octanuclear coordination cage using guest libraries. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8475-83	16.4	84
202	Quantification of solvent effects on molecular recognition in polyhedral coordination cage hosts. <i>Chemical Science</i> , 2013 , 4, 2744	9.4	83
201	DABCO-directed self-assembly of bisporphyrins (DABCO=1,4-diazabicyclo[2.2.2]octane). <i>Chemistry - A European Journal</i> , 2005 , 11, 2196-206	4.8	83
200	Accurate length control of supramolecular oligomerization: Vernier assemblies. <i>Journal of the American Chemical Society</i> , 2006 , 128, 8975-9	16.4	79
199	H-Bond Acceptor Parameters for Anions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6700-6706	16.4	78

198	Halogen bonded supramolecular assemblies of [Ru(bipy)(CN) ₄] ²⁻ anions and N-methyl-halopyridinium cations in the solid state and in solution. <i>Inorganic Chemistry</i> , 2009 , 48, 1666-77 ^{5.1}	78
197	Quantitative determination of intermolecular interactions with fluorinated aromatic rings. <i>Chemistry - A European Journal</i> , 2001 , 7, 3494-503	4.8 77
196	Validation of a Computational Cocrystal Prediction Tool: Comparison of Virtual and Experimental Cocrystal Screening Results. <i>Crystal Growth and Design</i> , 2014 , 14, 165-171	3.5 74
195	A supramolecular system for quantifying aromatic stacking interactions. <i>Chemistry - A European Journal</i> , 2001 , 7, 4863-77	4.8 74
194	Knot tied around an octahedral metal centre. <i>Nature</i> , 2001 , 411, 763	50.4 71
193	Cooperativity, partially bound states, and enthalpy-entropy compensation. <i>Chemistry and Biology</i> , 2003 , 10, 1023-32	69
192	An evaluation of force-field treatments of aromatic interactions. <i>Chemistry - A European Journal</i> , 2002 , 8, 2860-7	4.8 68
191	Shape-, size-, and functional group-selective binding of small organic guests in a paramagnetic coordination cage. <i>Inorganic Chemistry</i> , 2013 , 52, 1122-32	5.1 67
190	Molecular recognition of p-benzoquinone by a macrocyclic host. <i>Journal of the Chemical Society Chemical Communications</i> , 1991 , 749	63
189	Complexation-Induced Changes in ¹ H NMR Chemical Shift for Supramolecular Structure Determination. <i>Chemistry - A European Journal</i> , 1999 , 5, 1891-1897	4.8 62
188	Directed macrocyclisation reactions. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1277	62
187	Selective guest recognition by a self-assembled paramagnetic cage complex. <i>Chemical Communications</i> , 2012 , 48, 2752-4	5.8 61
186	Cooperativity in the self-assembly of porphyrin ladders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 3034-8	11.5 61
185	Influence of Solvent on Aromatic Interactions in Metal Tris-Bipyridine Complexes. <i>Journal of the American Chemical Society</i> , 1998 , 120, 3402-3410	16.4 60
184	Molecular Zippers. <i>Journal of the American Chemical Society</i> , 1994 , 116, 10292-10293	16.4 60
183	A ¹ H NMR study of crystal nucleation in solution. <i>CrystEngComm</i> , 2004 , 6, 489	3.3 59
182	Self-assembly of zinc aminoporphyrins. <i>New Journal of Chemistry</i> , 1999 , 23, 309	3.6 59
181	Structural and photophysical properties of adducts of [Ru(bipy)(CN) ₄] ²⁻ with different metal cations: metallochromism and its use in switching photoinduced energy transfer. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4014-27	16.4 57

180	Controlled membrane translocation provides a mechanism for signal transduction and amplification. <i>Nature Chemistry</i> , 2017 , 9, 426-430	17.6	56
179	Quantification of the effect of conformational restriction on supramolecular effective molarities. <i>Journal of the American Chemical Society</i> , 2013 , 135, 1853-63	16.4	55
178	Sequence-dependent DNA structure: a database of octamer structural parameters. <i>Journal of Molecular Biology</i> , 2003 , 332, 1025-35	6.5	55
177	Hydrogen-bond recognition of cyclic dipeptides in water. <i>Chemical Communications</i> , 1998 , 2449-2450	5.8	55
176	The nucleation of inosine: the impact of solution chemistry on the appearance of polymorphic and hydrated crystal forms. <i>Faraday Discussions</i> , 2007 , 136, 179-93; discussion 213-29	3.6	54
175	Noncovalent functional-group-arene interactions. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7823-6	16.4	54
174	Transmembrane signalling. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3878-81	16.4	54
173	How strong is a π -facial hydrogen bond?. <i>Chemical Communications</i> , 1996 , 2531-2532	5.8	54
172	Structural consequences of a molecular assembly that is deficient in hydrogen-bond acceptors. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 1134		54
171	Relationship between chemical structure and supramolecular effective molarity for formation of intramolecular H-bonds. <i>Journal of the American Chemical Society</i> , 2013 , 135, 13129-41	16.4	53
170	Chemical double mutant cycles for the quantification of cooperativity in H-bonded complexes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 18518-24	16.4	53
169	Desolvation and substituent effects in edge-to-face aromatic interactions. <i>Chemical Communications</i> , 2009 , 3961-3	5.8	52
168	Quantitative measurements of edge-to-face aromatic interactions by using chemical double-mutant cycles. <i>Chemistry - A European Journal</i> , 2001 , 7, 4854-62	4.8	50
167	Cooperativity in the assembly of zipper complexes. <i>Chemical Communications</i> , 1996 , 1723	5.8	50
166	A new approach to the assembly of electron donor-spacer-acceptor systems. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1765-1767		50
165	Amide-aromatic hydrogen-bonds in host-guest recognition. <i>Chemical Communications</i> , 1996 , 2529-2530	5.8	49
164	Experimental measurement of noncovalent interactions between halogens and aromatic rings. <i>ChemBioChem</i> , 2004 , 5, 657-65	3.8	48
163	Relationship between conformational flexibility and chelate cooperativity. <i>Journal of Organic Chemistry</i> , 2011 , 76, 2723-32	4.2	47

162	Solvent effects of the structures of prenucleation aggregates of carbamazepine. <i>CrystEngComm</i> , 2012 , 14, 7115	3.3	46
161	Dissection of complex molecular recognition interfaces. <i>Journal of the American Chemical Society</i> , 2011 , 133, 582-94	16.4	46
160	An interconverting family of coordination cages and a meso-helicate; effects of temperature, concentration, and solvent on the product distribution of a self-assembly process. <i>Inorganic Chemistry</i> , 2015 , 54, 2626-37	5.1	44
159	Preferential solvation and hydrogen bonding in mixed solvents. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6275-7	16.4	44
158	[2]Catenane or not [2]catenane?. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 809		44
157	Virtual Screening Identifies New Cocrystals of Nalidixic Acid. <i>Crystal Growth and Design</i> , 2014 , 14, 1749-1755	3.5	43
156	Evidence for partially bound states in cooperative molecular recognition interfaces. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17718-25	16.4	43
155	Amplification of bifunctional ligands for calmodulin from a dynamic combinatorial library. <i>Chemistry - A European Journal</i> , 2006 , 12, 1081-7	4.8	43
154	Molecular probes of solvation phenomena. <i>Chemical Society Reviews</i> , 2012 , 41, 3485-92	58.5	42
153	Triggered Release from Lipid Bilayer Vesicles by an Artificial Transmembrane Signal Transduction System. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15768-15773	16.4	41
152	Structure-Activity relationship for quantifying aromatic interactions. <i>Chemical Communications</i> , 1998 , 775-776	5.8	41
151	Allosteric ligand binding to cofacial metalloporphyrin dimers: the mechanism of porphyrin disaggregation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989 , 547		41
150	Self-assembly of double-decker cages induced by coordination of perylene bisimide with a trimeric Zn porphyrin: study of the electron transfer dynamics between the two photoactive components. <i>Dalton Transactions</i> , 2009 , 4023-37	4.3	40
149	Virtual screening for high affinity guests for synthetic supramolecular receptors. <i>Chemical Science</i> , 2015 , 6, 2790-2794	9.4	39
148	Molecular Conformation and Crystallization: The Case of Ethenzamide. <i>Crystal Growth and Design</i> , 2012 , 12, 6110-6117	3.5	39
147	van der Waals interactions in non-polar liquids. <i>Chemical Science</i> , 2013 , 4, 834-848	9.4	38
146	Wechselwirkungen zwischen aromatischen Systemen: Beruhen sie auf elektrostatischen Kräften oder Charge-Transfer-Bindungen?. <i>Angewandte Chemie</i> , 1993 , 105, 1653-1655	3.6	38
145	Assembly of a photoactive supramolecule using porphyrin co-ordination chemistry. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 226		38

144	Cooperative duplex formation by synthetic H-bonding oligomers. <i>Chemical Science</i> , 2016 , 7, 94-101	9.4	37
143	Measurement of energy landscape roughness of folded and unfolded proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19563-8	11.5	37
142	Hydrogen bonding properties of non-polar solvents. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1455-629	9.9	37
141	Self-assembly, binding, and dynamic properties of heterodimeric porphyrin macrocycles. <i>Journal of Organic Chemistry</i> , 2005 , 70, 6616-22	4.2	37
140	Factors influencing tetranuclear [2 x 2] grid vs dinuclear side-by-side structures for silver(I) complexes of pyridazine-based bis-bidentate ligands. <i>Inorganic Chemistry</i> , 2008 , 47, 10729-38	5.1	36
139	Photoinduced electron transfer on a supramolecular scaffold. <i>Chemical Communications</i> , 1996 , 1361	5.8	36
138	Fac and mer isomers of Ru(II) tris(pyrazolyl-pyridine) complexes as models for the vertices of coordination cages: structural characterisation and hydrogen-bonding characteristics. <i>Dalton Transactions</i> , 2014 , 43, 71-84	4.3	35
137	Chemische Cyclen mit doppelter Strukturvariation zur Bestimmung schwacher intermolekularer Wechselwirkungen: aromatische Kante-auf-Fläche-Wechselwirkungen. <i>Angewandte Chemie</i> , 1996 , 108, 1628-1631	3.6	35
136	Modular assembly of porphyrin sandwiches as potential hosts. <i>Tetrahedron</i> , 2002 , 58, 691-697	2.4	34
135	The role of the counteranion in the cation- π interaction. <i>Chemical Communications</i> , 2003 , 834-5	5.8	34
134	Azobenzene-porphyrins. <i>Tetrahedron Letters</i> , 1996 , 37, 699-702	2	34
133	Footprinting molecular electrostatic potential surfaces for calculation of solvation energies. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 18262-73	3.6	33
132	Solvent Effects on Acridine Polymorphism. <i>Crystal Growth and Design</i> , 2010 , 10, 1661-1664	3.5	33
131	Luminescent cyanometallates based on phenylpyridine-Ir(III) units: solvatochromism, metallochromism, and energy-transfer in Ir/Ln and Ir/Re complexes. <i>Dalton Transactions</i> , 2012 , 41, 2408-19	4.9	32
130	Influence of H-bond strength on chelate cooperativity. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20416-25	16.4	32
129	Determination of protein-ligand binding modes using complexation-induced changes in $(1)_{\text{H}}$ NMR chemical shift. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 2512-7	8.3	32
128	Metal hydrides form halogen bonds: measurement of energetics of binding. <i>Journal of the American Chemical Society</i> , 2014 , 136, 1288-91	16.4	31
127	Solvent effects on chelate cooperativity. <i>Chemical Science</i> , 2012 , 3, 589-601	9.4	31

126	Tailbiter: a new amide foldamer. <i>Chemical Communications</i> , 2005 , 3691-3	5.8	31
125	The flexibility-complementarity dichotomy in receptor-ligand interactions. <i>Chemical Science</i> , 2015 , 6, 1444-1453	9.4	30
124	From structure to chemical shift and vice-versa. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2005 , 47, 27-39	10.4	30
123	Influence of fluorine on aromatic interactions. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995 , 91, 2009		30
122	Sequence-dependent DNA structure. <i>BioEssays</i> , 1996 , 18, 157-62	4.1	30
121	Understanding the Influence of Surface Solvation and Structure on Polymorph Stability: A Combined Mechanochemical and Theoretical Approach. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17051-17059	16.4	30
120	Cocrystals of spironolactone and griseofulvin based on an in silico screening method. <i>CrystEngComm</i> , 2017 , 19, 3592-3599	3.3	29
119	Cooperativity in multiply H-bonded complexes. <i>Chemical Communications</i> , 2009 , 3964-6	5.8	29
118	Quantification of functional group interactions in transition states. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9936-7	16.4	29
117	Polarisation effects on the solvation properties of alcohols. <i>Chemical Science</i> , 2018 , 9, 88-99	9.4	29
116	Influence of solvent polarity on preferential solvation of molecular recognition probes in solvent mixtures. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 14433-40	3.4	28
115	Contact mechanics of nanometer-scale molecular contacts: correlation between adhesion, friction, and hydrogen bond thermodynamics. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8625-32	16.4	28
114	Guest Binding and Catalysis in the Cavity of a Cubic Coordination Cage. <i>Chemistry Letters</i> , 2017 , 46, 2-9	1.7	27
113	Homochiral oligomers with highly flexible backbones form stable H-bonded duplexes. <i>Chemical Science</i> , 2017 , 8, 206-213	9.4	27
112	Use of quantitative (1)H NMR chemical shift changes for ligand docking into barnase. <i>Journal of Biomolecular NMR</i> , 2009 , 43, 11-9	3	27
111	H-Bond Self-Assembly: Folding versus Duplex Formation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6654-6662	16.4	26
110	Applications of dynamic combinatorial chemistry for the determination of effective molarity. <i>Chemical Science</i> , 2015 , 6, 144-151	9.4	26
109	Sequence-Selective Formation of Synthetic H-Bonded Duplexes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12655-12663	16.4	26

- 108 Transmission of binding information across lipid bilayers. *Chemistry - A European Journal*, **2007**, 13, 7215-728 26
- 107 Multivalent recognition of bis- and tris-Zn-porphyrins by N-methylimidazole functionalized gold nanoparticles. *Chemical Communications*, **2003**, 1004-5 5.8 26
- 106 Mix and match backbones for the formation of H-bonded duplexes. *Chemical Science*, **2016**, 7, 1760-1767 9.4 25
- 105 A surface site interaction model for the properties of liquids at equilibrium. *Chemical Science*, **2013**, 4, 1687 9.4 25
- 104 Comparative analysis of the influence of H-bond strength and solvent on chelate cooperativity in H-bonded supramolecular complexes. *Chemical Science*, **2012**, 3, 2462 9.4 25
- 103 The roughness of the protein energy landscape results in anomalous diffusion of the polypeptide backbone. *Physical Chemistry Chemical Physics*, **2015**, 17, 762-82 3.6 24
- 102 Practicalities and applications of reverse heteronuclear shift correlation: Porphyrin and polysaccharide examples. *Magnetic Resonance in Chemistry*, **1988**, 26, 867-875 2.1 24
- 101 Recognition-Controlled Membrane Translocation for Signal Transduction across Lipid Bilayers. *Journal of the American Chemical Society*, **2017**, 139, 6461-6466 16.4 23
- 100 pH-Controlled selection between one of three guests from a mixture using a coordination cage host. *Chemical Science*, **2015**, 6, 4025-4028 9.4 23
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- 98 Metal-driven self assembly of C3 symmetry molecular cages. *Chemical Communications*, **2000**, 1087-1088 5.8 23
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- 96 Combined Virtual/Experimental Multicomponent Solid Forms Screening of Sildenafil: New Salts, Cocrystals, and Hybrid Salt/Cocrystals. *Crystal Growth and Design*, **2018**, 18, 7618-7627 3.5 23
- 95 Sequence information transfer using covalent template-directed synthesis. *Chemical Science*, **2019**, 10, 5258-5266 9.4 22
- 94 The Contrasting Character of Early and Late Transition Metal Fluorides as Hydrogen Bond Acceptors. *Journal of the American Chemical Society*, **2015**, 137, 11820-31 16.4 22
- 93 A thermodynamic study of selective solvation in solvent mixtures. *Organic and Biomolecular Chemistry*, **2010**, 8, 1943-50 3.9 21
- 92 The role of functional group concentration in solvation thermodynamics. *Chemical Science*, **2010**, 1, 242 9.4 21
- 91 Relationship between molecular contact thermodynamics and surface contact mechanics. *Langmuir*, **2012**, 28, 17709-17 4 20

90	Structural mechanics of DNA wrapping in the nucleosome. <i>Journal of Molecular Biology</i> , 2010 , 396, 264-705	4.5	20
89	Photomodulated molecular recognition of the guanidinium cation. <i>Chemical Communications</i> , 2004 , 108-98	3.8	20
88	Chemical triple-mutant boxes for quantifying cooperativity in intermolecular interactions. <i>Chemistry - A European Journal</i> , 2002 , 8, 5435-46	4.8	20
87	Dendrimers as scaffolds for the synthesis of spherical porphyrin arrays. <i>Chemical Communications</i> , 2003 , 38-9	5.8	20
86	Supramolecular cage encapsulation as a versatile tool for the experimental quantification of aromatic stacking interactions. <i>Chemical Science</i> , 2019 , 10, 1466-1471	9.4	19
85	Influence of non-covalent preorganization on supramolecular effective molarities. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 4981-92	3.9	19
84	Molecular recognition probes of solvation thermodynamics in solvent mixtures. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 7571-8	3.9	19
83	Substituent effects on aromatic interactions in the solid state. <i>Chemical Communications</i> , 2001 , 1500-1501	3.8	19
82	H-Bonded Duplexes based on a Phenylacetylene Backbone. <i>Journal of the American Chemical Society</i> , 2018 , 140, 11526-11536	16.4	19
81	ThX - a next-generation probe for the early detection of amyloid aggregates. <i>Chemical Science</i> , 2020 , 11, 4578-4583	9.4	18
80	H-bond competition experiments in solution and the solid state. <i>CrystEngComm</i> , 2016 , 18, 394-397	3.3	17
79	Versatile low-molecular-weight hydrogelators: achieving multiresponsiveness through a modular design. <i>Chemistry - A European Journal</i> , 2011 , 17, 9753-61	4.8	17
78	A peptide cross-linked polyacrylamide hydrogel for the detection of human neutrophil elastase. <i>Electrochimica Acta</i> , 2009 , 54, 4985-4990	6.7	17
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