Christopher A Hunter

List of Publications by Year
in descending order

253	24,131	13865 67	7950 149
papers	citations	h-index	g-index

259	259	259	18233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Systematic Parameterization of Ionâ€“Surfactant Interactions in Dissipative Particle Dynamics Using Setschenow Coefficients. Journal of Physical Chemistry B, 2022, 126, 2308-2315.	2.6	3
2	Cooperative assembly of H-bonded rosettes inside a porphyrin nanoring. Chemical Science, 2021, 12, 1427-1432.	7.4	11
3	Stimuliâ€Responsive Selfâ€Sorting Hybrid Hydrogenâ€Bonded/Metalâ€Coordinated Cage. Chemistry - A European Journal, 2021, 27, 3302-3305.	3.3	4
4	Folding and duplex formation in mixed sequence recognition-encodedm-phenylene ethynylene polymers. Chemical Science, 2021, 12, 10218-10226.	7.4	8
5	Controlled mutation in the replication of synthetic oligomers. Chemical Science, 2021, 12, 4063-4068.	7.4	9
6	Replication of Sequence Information in Synthetic Oligomers. Accounts of Chemical Research, 2021, 54, 1298-1306.	15.6	26
7	Translation of Chemical Structure into Dissipative Particle Dynamics Parameters for Simulation of Surfactant Self-Assembly. Journal of Physical Chemistry B, 2021, 125, 3942-3952.	2.6	19
8	High-Fidelity Sequence-Selective Duplex Formation by Recognition-Encoded Melamine Oligomers. Journal of the American Chemical Society, 2021, 143, 8669-8678.	13.7	19
9	Water and the Cationâ^Ï€ Interaction. Journal of the American Chemical Society, 2021, 143, 12397-12403.	13.7	18
10	Dissection of the Polar and Nonâ€Polar Contributions to Aromatic Stacking Interactions in Solution. Angewandte Chemie, 2021, 133, 24064.	2.0	2
11	Dissection of the Polar and Nonâ€Polar Contributions to Aromatic Stacking Interactions in Solution. Angewandte Chemie - International Edition, 2021, 60, 23871-23877.	13.8	14
12	Transmembrane signal transduction by cofactor transport. Chemical Science, 2021, 12, 12377-12382.	7.4	5
13	Redox switching of an artificial transmembrane signal transduction system. Chemical Communications, 2021, 57, 2196-2198.	4.1	7
14	An empirical model for solvation based on surface site interaction points. Chemical Science, 2021, 12, 13193-13208.	7.4	3
15	Mapping the binding site topology of amyloid protein aggregates using multivalent ligands. Chemical Science, 2021, 12, 8892-8899.	7.4	6
16	Liposome Enhanced Detection of Amyloid Protein Aggregates. Organic Letters, 2021, 23, 647-650.	4.6	4
17	Duplex vs. folding: tuning the self-assembly of synthetic recognition-encoded aniline oligomers. Organic and Biomolecular Chemistry, 2021, 19, 8947-8954.	2.8	5
18	Artificial transmembrane signal transduction mediated by dynamic covalent chemistry. Chemical Science, 2021, 12, 14059-14064.	7.4	5

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19	SSIPTools: Software and Methodology for Surface Site Interaction Point (SSIP) Approach and Applications. Journal of Chemical Information and Modeling, 2021, 61, 5331-5335.	5.4	6
20	Two-component assembly of recognition-encoded oligomers that form stable H-bonded duplexes. Chemical Science, 2020, 11, 561-566.	7.4	14
21	Template effects of vesicles in dynamic covalent chemistry. Chemical Science, 2020, 11, 9122-9125.	7.4	20
22	Solvent similarity index. Physical Chemistry Chemical Physics, 2020, 22, 11967-11975.	2.8	14
23	A Surface Site Interaction Point Method for Dissipative Particle Dynamics Parametrization: Application to Alkyl Ethoxylate Surfactant Self-Assembly. Journal of Physical Chemistry B, 2020, 124, 5047-5055.	2.6	25
24	Heteroâ€Coencapsulation within a Supramolecular Cage: Moving away from the Statistical Distribution of Different Guests. Chemistry - A European Journal, 2020, 26, 9454-9458.	3.3	7
25	Supramolecular catalysis by recognition-encoded oligomers: discovery of a synthetic imine polymerase. Chemical Science, 2020, 11, 7408-7414.	7.4	9
26	Quantification of cooperativity in the self-assembly of H-bonded rosettes. Organic and Biomolecular Chemistry, 2020, 18, 1602-1606.	2.8	8
27	ThX â€“ a next-generation probe for the early detection of amyloid aggregates. Chemical Science, 2020, 11, 4578-4583.	7.4	43
28	Functional group interaction profiles: a general treatment of solvent effects on non-covalent interactions. Chemical Science, 2020, 11, 4456-4466.	7.4	31
29	Capping Strategies for Covalent Template-Directed Synthesis of Linear Oligomers Using CuAAC. Journal of the American Chemical Society, 2019, 141, 10862-10875.	13.7	19
30	A Synthetic Vesicle-to-Vesicle Communication System. Journal of the American Chemical Society, 2019, 141, 17847-17853.	13.7	36
31	Molecular Transformer: A Model for Uncertainty-Calibrated Chemical Reaction Prediction. ACS Central Science, 2019, 5, 1572-1583.	11.3	424
32	An Activatable Cancer-Targeted Hydrogen Peroxide Probe for Photoacoustic and Fluorescence Imaging. Cancer Research, 2019, 79, 5407-5417.	0.9	31
33	Supramolecular cage encapsulation as a versatile tool for the experimental quantification of aromatic stacking interactions. Chemical Science, 2019, 10, 1466-1471.	7.4	20
34	Building blocks for recognition-encoded oligoesters that form H-bonded duplexes. Chemical Science, 2019, 10, 2444-2451.	7.4	21
35	Triaminopyrimidine derivatives as transmembrane HCl transporters. Organic and Biomolecular Chemistry, 2019, 17, 5633-5638.	2.8	3
36	H-Bond donor parameters for cations. Chemical Science, 2019, 10, 5943-5951.	7.4	32

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37	Benchmarking of Halogen Bond Strength in Solution with Nickel Fluorides: Bromine versus Iodine and Perfluoroaryl versus Perfluoroalkyl Donors. Chemistry - A European Journal, 2019, 25, 9237-9241.	3.3	13
38	Emergent supramolecular assembly properties of a recognition-encoded oligoester. Chemical Science, 2019, 10, 5397-5404.	7.4	12
39	Sequence information transfer using covalent template-directed synthesis. Chemical Science, 2019, 10, 5258-5266.	7.4	32
40	Molecular replication using covalent base-pairs with traceless linkers. Organic and Biomolecular Chemistry, 2019, 17, 9660-9665.	2.8	13
41	Cap control: cyclic versus linear oligomerisation in covalent template-directed synthesis. RSC Advances, 2019, 9, 29566-29569.	3.6	10
42	Competitor analysis of functional group H-bond donor and acceptor properties using the Cambridge Structural Database. Physical Chemistry Chemical Physics, 2018, 20, 25324-25334.	2.8	9
43	An improved methodology to compute surface site interaction points using high density molecular electrostatic potential surfaces. Journal of Computational Chemistry, 2018, 39, 2371-2377.	3.3	4
44	Combined Virtual/Experimental Multicomponent Solid Forms Screening of Sildenafil: New Salts, Cocrystals, and Hybrid Saltâ€“Cocrystals. Crystal Growth and Design, 2018, 18, 7618-7627.	3.0	35
45	Understanding the Influence of Surface Solvation and Structure on Polymorph Stability: A Combined Mechanochemical and Theoretical Approach. Journal of the American Chemical Society, 2018, 140, 17051-17059.	13.7	51
46	Ultrasound-induced gelation of a giant macrocycle. Chemical Communications, 2018, 54, 10874-10877.	4.1	21
47	H-Bonded Duplexes based on a Phenylacetylene Backbone. Journal of the American Chemical Society, 2018, 140, 11526-11536.	13.7	28
48	Backbone conformation affects duplex initiation and duplex propagation in hybridisation of synthetic H-bonding oligomers. Organic and Biomolecular Chemistry, 2018, 16, 4183-4190.	2.8	11
49	Solvatomorphism of Reichardt's dye. CrystEngComm, 2018, 20, 2912-2915.	2.6	13
50	Coordination Cages Based on Bis(pyrazolylpyridine) Ligands: Structures, Dynamic Behavior, Guest Binding, and Catalysis. Accounts of Chemical Research, 2018, 51, 2073-2082.	15.6	194
51	Polarisation effects on the solvation properties of alcohols. Chemical Science, 2018, 9, 88-99.	7.4	43
52	Computational screens can speed up the discovery of pharmaceutical cocrystals. ADMET and DMPK, 2018, 6, 284-287.	2.1	3
53	A surface site interaction point methodology for macromolecules and huge molecular databases. Journal of Computational Chemistry, 2017, 38, 419-426.	3.3	2
54	Guest Binding and Catalysis in the Cavity of a Cubic Coordination Cage. Chemistry Letters, 2017, 46, 2-9.	1.3	33

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55	Recognition-Controlled Membrane Translocation for Signal Transduction across Lipid Bilayers. Journal of the American Chemical Society, 2017, 139, 6461-6466.	13.7	34
56	Enhanced Chelate Cooperativity in Polar Solvents. Journal of the American Chemical Society, 2017, 139, 6675-6681.	13.7	16
57	H-Bond Self-Assembly: Folding versus Duplex Formation. Journal of the American Chemical Society, 2017, 139, 6654-6662.	13.7	36
58	H-Bond Acceptor Parameters for Anions. Journal of the American Chemical Society, 2017, 139, 6700-6706.	13.7	116
59	Cocrystals of spironolactone and griseofulvin based on an in silico screening method. CrystEngComm, 2017, 19, 3592-3599.	2.6	39
60	Hydrogen bonding vs. halogen bonding: the solvent decides. Chemical Science, 2017, 8, 5392-5398.	7.4	176
61	Solid form and solubility. CrystEngComm, 2017, 19, 23-26.	2.6	19
62	Controlled membrane translocation provides a mechanism for signal transduction and amplification. Nature Chemistry, 2017, 9, 426-430.	13.6	78
63	Sequence-Selective Formation of Synthetic H-Bonded Duplexes. Journal of the American Chemical Society, 2017, 139, 12655-12663.	13.7	37
64	Triggered Release from Lipid Bilayer Vesicles by an Artificial Transmembrane Signal Transduction System. Journal of the American Chemical Society, 2017, 139, 15768-15773.	13.7	54
65	Fluorescent and colorimetric molecular recognition probe for hydrogen bond acceptors. Organic and Biomolecular Chemistry, 2017, 15, 9603-9610.	2.8	13
66	Homochiral oligomers with highly flexible backbones form stable H-bonded duplexes. Chemical Science, 2017, 8, 206-213.	7.4	35
67	Hydrogen bonds and halogen bonds: solid state, solution phase and theory. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C597-C597.	0.1	0
68	Mix and match recognition modules for the formation of H-bonded duplexes. Chemical Science, 2016, 7, 5686-5691.	7.4	19
69	Mix and match backbones for the formation of H-bonded duplexes. Chemical Science, 2016, 7, 1760-1767.	7.4	29
70	Highly efficient catalysis of the Kemp elimination in the cavity of a cubic coordination cage. Nature Chemistry, 2016, 8, 231-236.	13.6	364
71	H-bond competition experiments in solution and the solid state. CrystEngComm, 2016, 18, 394-397.	2.6	21
72	Cooperative duplex formation by synthetic H-bonding oligomers. Chemical Science, 2016, 7, 94-101.	7.4	42

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73	Solvent dependence of competitive hydrogen-versushalogen-bonded self-assembly processes in multi-component crystal formation. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s129-s129.	0.1	0
74	Influence of receptor flexibility on intramolecular H-bonding interactions. Organic and Biomolecular Chemistry, 2015, 13, 8053-8066.	2.8	9
75	pH-dependent binding of guests in the cavity of a polyhedral coordination cage: reversible uptake and release of drug molecules. Chemical Science, 2015, 6, 625-631.	7.4	120
76	The flexibilityâ€“complementarity dichotomy in receptorâ€“ligand interactions. Chemical Science, 2015, 6, 1444-1453.	7.4	31
77	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. Inorganic Chemistry, 2015, 54, 2626-2637.	4.0	55
78	pH-Controlled selection between one of three guests from a mixture using a coordination cage host. Chemical Science, 2015, 6, 4025-4028.	7.4	30
79	Influence of non-covalent preorganization on supramolecular effective molarities. Organic and Biomolecular Chemistry, 2015, 13, 4981-4992.	2.8	21
80	The Contrasting Character of Early and Late Transition Metal Fluorides as Hydrogen Bond Acceptors. Journal of the American Chemical Society, 2015, 137, 11820-11831.	13.7	29
81	Virtual screening for high affinity guests for synthetic supramolecular receptors. Chemical Science, 2015, 6, 2790-2794.	7.4	46
82	The roughness of the protein energy landscape results in anomalous diffusion of the polypeptide backbone. Physical Chemistry Chemical Physics, 2015, 17, 762-782.	2.8	27
83	Applications of dynamic combinatorial chemistry for the determination of effective molarity. Chemical Science, 2015, 6, 144-151.	7.4	28
84	Measurement of supramolecular effective molarities for intramolecular H-bonds in zinc porphyrinâ€“imidazole complexes. Organic and Biomolecular Chemistry, 2014, 12, 1440.	2.8	17
85	Metal Hydrides Form Halogen Bonds: Measurement of Energetics of Binding. Journal of the American Chemical Society, 2014, 136, 1288-1291.	13.7	35
86	Fac and mer isomers of Ru(<scp>ii</scp>) tris(pyrazolyl-pyridine) complexes as models for the vertices of coordination cages: structural characterisation and hydrogen-bonding characteristics. Dalton Transactions, 2014, 43, 71-84.	3.3	38
87	Validation of a Computational Cocrystal Prediction Tool: Comparison of Virtual and Experimental Cocrystal Screening Results. Crystal Growth and Design, 2014, 14, 165-171.	3.0	96
88	Correction to Relationship Between Molecular Contact Thermodynamics and Surface Contact Mechanics. Langmuir, 2014, 30, 9623-9623.	3.5	0
89	A solvent-resistant halogen bond. Chemical Science, 2014, 5, 4179-4183.	7.4	122
90	Mapping the Internal Recognition Surface of an Octanuclear Coordination Cage Using Guest Libraries. Journal of the American Chemical Society, 2014, 136, 8475-8483.	13.7	101

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91	Virtual Screening Identifies New Cocrystals of Nalidixic Acid. Crystal Growth and Design, 2014, 14, 1749-1755.	3.0	49
92	Interplay of Self-Association and Solvation in Polar Liquids. Journal of the American Chemical Society, 2013, 135, 12091-12100.	13.7	17
93	Relationship between Chemical Structure and Supramolecular Effective Molarity for Formation of Intramolecular H-Bonds. Journal of the American Chemical Society, 2013, 135, 13129-13141.	13.7	57
94	van der Waals interactions in non-polar liquids. Chemical Science, 2013, 4, 834-848.	7.4	44
95	Shape-, Size-, and Functional Group-Selective Binding of Small Organic Guests in a Paramagnetic Coordination Cage. Inorganic Chemistry, 2013, 52, 1122-1132.	4.0	75
96	A surface site interaction model for the properties of liquids at equilibrium. Chemical Science, 2013, 4, 1687.	7.4	29
97	Footprinting molecular electrostatic potential surfaces for calculation of solvation energies. Physical Chemistry Chemical Physics, 2013, 15, 18262.	2.8	37
98	Quantification of the Effect of Conformational Restriction on Supramolecular Effective Molarities. Journal of the American Chemical Society, 2013, 135, 1853-1863.	13.7	57
99	Quantification of solvent effects on molecular recognition in polyhedral coordination cage hosts. Chemical Science, 2013, 4, 2744.	7.4	102
100	Molecular Conformation and Crystallization: The Case of Ethenzamide. Crystal Growth and Design, 2012, 12, 6110-6117.	3.0	48
101	Alkyltransferase-like protein (Atl1) distinguishes alkylated guanines for DNA repair using cationâ€“Ï€ interactions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18755-18760.	7.1	19
102	Measurement of energy landscape roughness of folded and unfolded proteins. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19563-19568.	7.1	48
103	Steric desolvation enhances the effective molarities of intramolecular H-bonding interactions. Organic and Biomolecular Chemistry, 2012, 10, 6022.	2.8	13
104	Luminescent cyanometallates based on phenylpyridine-Ir(iii) units: solvatochromism, metallochromism, and energy-transfer in Ir/Ln and Ir/Re complexes. Dalton Transactions, 2012, 41, 2408.	3.3	37
105	Relationship Between Molecular Contact Thermodynamics and Surface Contact Mechanics. Langmuir, 2012, 28, 17709-17717.	3.5	21
106	Influence of Solvent Polarity on Preferential Solvation of Molecular Recognition Probes in Solvent Mixtures. Journal of Physical Chemistry B, 2012, 116, 14433-14440.	2.6	31
107	The mechanics of nanometre-scale molecular contacts. Faraday Discussions, 2012, 156, 325.	3.2	15
108	Selective guest recognition by a self-assembled paramagnetic cage complex. Chemical Communications, 2012, 48, 2752.	4.1	65

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109	Structure-Based Identification of New High-Affinity Nucleosome Binding Sequences. Journal of Molecular Biology, 2012, 420, 8-16.	4.2	17
110	Molecular probes of solvation phenomena. Chemical Society Reviews, 2012, 41, 3485.	38.1	47
111	Solvent effects on chelate cooperativity. Chemical Science, 2012, 3, 589-601.	7.4	31
112	Solvent effects of the structures of prenucleation aggregates of carbamazepine. CrystEngComm, 2012, 14, 7115.	2.6	58
113	Comparative analysis of the influence of H-bond strength and solvent on chelate cooperativity in H-bonded supramolecular complexes. Chemical Science, 2012, 3, 2462.	7.4	25
114	Relationship Between Conformational Flexibility and Chelate Cooperativity. Journal of Organic Chemistry, 2011, 76, 2723-2732.	3.2	47
115	Influence of H-Bond Strength on Chelate Cooperativity. Journal of the American Chemical Society, 2011, 133, 20416-20425.	13.7	32
116	Dissection of Complex Molecular Recognition Interfaces. Journal of the American Chemical Society, 2011, 133, 582-594.	13.7	49
117	Virtual cocrystal screening. Chemical Science, 2011, 2, 883.	7.4	245
118	Contact Mechanics of Nanometer-Scale Molecular Contacts: Correlation between Adhesion, Friction, and Hydrogen Bond Thermodynamics. Journal of the American Chemical Society, 2011, 133, 8625-8632.	13.7	30
119	Molecular recognition probes of solvation thermodynamics in solvent mixtures. Organic and Biomolecular Chemistry, 2011, 9, 7571.	2.8	20
120	An AAAAâ€“DDDD quadruple hydrogen-bond array. Nature Chemistry, 2011, 3, 244-248.	13.6	155
121	Versatile Lowâ€Molecularâ€Weight Hydrogelators: Achieving Multiresponsiveness through a Modular Design. Chemistry - A European Journal, 2011, 17, 9753-9761.	3.3	18
122	An improved synthesis, crystal structures, and metallochromism of salts of [Ru(tolyl-terpy)(CN)3]â^'. Inorganica Chimica Acta, 2010, 363, 2938-2944.	2.4	4
123	Synthesis of a molecular trefoil knot by folding and closing on an octahedral coordination template. Nature Chemistry, 2010, 2, 218-222.	13.6	150
124	Structural Mechanics of DNA Wrapping in the Nucleosome. Journal of Molecular Biology, 2010, 396, 264-279.	4.2	20
125	Hydrogen bonding properties of non-polar solvents. Organic and Biomolecular Chemistry, 2010, 8, 1455.	2.8	45
126	A thermodynamic study of selective solvation in solvent mixtures. Organic and Biomolecular Chemistry, 2010, 8, 1943.	2.8	22

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127	The role of functional group concentration in solvation thermodynamics. Chemical Science, 2010, 1, 242.	7.4	21
128	Solvent Effects on Acridine Polymorphism. Crystal Growth and Design, 2010, 10, 1661-1664.	3.0	36
129	Structural Fingerprints of Transcription Factor Binding Site Regions. Algorithms, 2009, 2, 448-469.	2.1	1
130	What is Cooperativity?. Angewandte Chemie - International Edition, 2009, 48, 7488-7499.	13.8	714
131	Use of quantitative 1H NMR chemical shift changes for ligand docking into barnase. Journal of Biomolecular NMR, 2009, 43, 11-19.	2.8	32
132	A peptide cross-linked polyacrylamide hydrogel for the detection of human neutrophil elastase. Electrochimica Acta, 2009, 54, 4985-4990.	5.2	18
133	Non-covalent interactions between iodo-perfluorocarbons and hydrogen bond acceptors. Chemical Communications, 2009, , 2005.	4.1	154
134	Halogen Bonded Supramolecular Assemblies of [Ru(bipy)(CN)₄]^{2â^'} Anions and N-Methyl-Halopyridinium Cations in the Solid State and in Solution. Inorganic Chemistry, 2009, 48, 1666-1677.	4.0	86
135	Chemical Double Mutant Cycles for the Quantification of Cooperativity in H-Bonded Complexes. Journal of the American Chemical Society, 2009, 131, 18518-18524.	13.7	54
136	Cooperativity in multiply H-bonded complexes. Chemical Communications, 2009, , 3964.	4.1	29
137	Desolvation and substituent effects in edge-to-face aromatic interactions. Chemical Communications, 2009, , 3961.	4.1	60
138	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. Dalton Transactions, 2009, , 4023.	3.3	43
139	Universal Scaling Law for Polypeptide Backbone Dynamics on the Pico- to Millisecond Time Scale. Biophysical Journal, 2009, 96, 322a-323a.	0.5	1
140	A Neutral DNA Sequenceâ€Selective Vector for Interaction Studies: Fluorescence Binding Experiments Directed Towards a Carbohydrateâ€DNA Carrier. European Journal of Organic Chemistry, 2008, 2008, 2220-2231.	2.4	3
141	Preferential Solvation and Hydrogen Bonding in Mixed Solvents. Angewandte Chemie - International Edition, 2008, 47, 6275-6277.	13.8	51
142	A pulse-radiolysis approach to fast reductive cleavage of a disulfide bond to uncage enzyme activity. Free Radical Biology and Medicine, 2008, 45, 1271-1278.	2.9	3
143	Evidence for Partially Bound States in Cooperative Molecular Recognition Interfaces. Journal of the American Chemical Society, 2008, 130, 17718-17725.	13.7	43
144	Structurally-tolerant self-assembly of zinc pyridyl porphyrins. New Journal of Chemistry, 2008, 32, 525.	2.8	11

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145	Determination of Proteinâ€“Ligand Binding Modes Using Complexation-Induced Changes in 1H NMR Chemical Shift. Journal of Medicinal Chemistry, 2008, 51, 2512-2517.	6.4	34
146	A Method for the Reversible Trapping of Proteins in Non-Native Conformations. Biochemistry, 2008, 47, 13620-13634.	2.5	8
147	Influence of Conformational Flexibility on Complexation-Induced Changes in Chemical Shift in a Neocarzinostatin Proteinâ^'Ligand Complex. Journal of Medicinal Chemistry, 2008, 51, 4488-4495.	6.4	9
148	Factors Influencing Tetranuclear [2 Ã— 2] Grid vs Dinuclear Side-by-Side Structures for Silver(I) Complexes of Pyridazine-Based Bis-Bidentate Ligands. Inorganic Chemistry, 2008, 47, 10729-10738.	4.0	37
149	Chemical double-mutant cycles: dissecting non-covalent interactions. Chemical Society Reviews, 2007, 36, 172-188.	38.1	264
150	Substituent effects on aromatic stacking interactions. Organic and Biomolecular Chemistry, 2007, 5, 1062.	2.8	221
151	The nucleation of inosine: the impact of solution chemistry on the appearance of polymorphic and hydrated crystal forms. Faraday Discussions, 2007, 136, 179.	3.2	63
152	Structural and Photophysical Properties of Adducts of [Ru(bipy)(CN)4]2-with Different Metal Cations:Â Metallochromism and Its Use in Switching Photoinduced Energy Transfer. Journal of the American Chemical Society, 2007, 129, 4014-4027.	13.7	60
153	Transmission of Binding Information across Lipid Bilayers. Chemistry - A European Journal, 2007, 13, 7215-7222.	3.3	29
154	Solvent Effects on Hydrogen Bonding. Angewandte Chemie - International Edition, 2007, 46, 3706-3709.	13.8	179
155	Noncovalent Functionalâ€Groupâ€“Arene Interactions. Angewandte Chemie - International Edition, 2007, 46, 7823-7826.	13.8	61
156	DABCO-Induced Self-Assembly of a Trisporphyrin Double-Decker Cage:Â Thermodynamic Characterization and Guest Recognition. Journal of the American Chemical Society, 2006, 128, 5560-5569.	13.7	96
157	Accurate Length Control of Supramolecular Oligomerization:Â Vernier Assemblies. Journal of the American Chemical Society, 2006, 128, 8975-8979.	13.7	82
158	Desolvation tips the balance: solvent effects on aromatic interactions. Chemical Communications, 2006, , 3806.	4.1	110
159	Structural DNA Profiles:Â Single Sequence Queries. Journal of Chemical Information and Modeling, 2006, 46, 743-752.	5.4	0
160	Genomic Data Analysis Using DNA Structure:Â An Analysis of Conserved Nongenic Sequences and Ultraconserved Elements. Journal of Chemical Information and Modeling, 2006, 46, 753-761.	5.4	8
161	Amplification of Bifunctional Ligands for Calmodulin from a Dynamic Combinatorial Library. Chemistry - A European Journal, 2006, 12, 1081-1087.	3.3	50
162	Prediction of atomic structure from sequence for double helical DNA oligomers. Biopolymers, 2006, 81, 51-61.	2.4	15

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163	Cooperativity in the self-assembly of porphyrin ladders. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3034-3038.	7.1	65
164	Enhanced Ligand Affinity for Receptors in which Components of the Binding Site Are Independently Mobile. Chemistry and Biology, 2005, 12, 89-97.	6.0	8
165	Electrostatic Control of Aromatic Stacking Interactions. Journal of the American Chemical Society, 2005, 127, 8594-8595.	13.7	287
166	DABCO-Directed Self-Assembly of Bisporphyrins (DABCO=1,4-Diazabicyclo[2.2.2]octane). Chemistry - A European Journal, 2005, 11, 2196-2206.	3.3	88
167	From structure to chemical shift and vice-versa. Progress in Nuclear Magnetic Resonance Spectroscopy, 2005, 47, 27-39.	7.5	37
168	Tailbiter: a new amide foldamer. Chemical Communications, 2005, , 3691.	4.1	34
169	Self-Assembly, Binding, and Dynamic Properties of Heterodimeric Porphyrin Macrocycles. Journal of Organic Chemistry, 2005, 70, 6616-6622.	3.2	39
170	Quantifying Intermolecular Interactions: Guidelines for the Molecular Recognition Toolbox. Angewandte Chemie - International Edition, 2004, 43, 5310-5324.	13.8	928
171	Experimental Measurement of Noncovalent Interactions Between Halogens and Aromatic Rings. ChemBioChem, 2004, 5, 657-665.	2.6	57
172	Synthesis and Photochemistry of a New Class of Photocleavable Protein Cross-linking Reagents. Chemistry - A European Journal, 2004, 10, 1705-1710.	3.3	13
173	Photomodulated molecular recognition of the guanidinium cationElectronic supplementary information (ESI) available: UV/visible absorption spectra of 1, showing changes observed on irradiation at 345 nm and thermal recovery of the original spectrum. See http://www.rsc.org/suppdata/cc/b3/b311060e/. Chemical Communications, 2004, , 108.	4.1	22
174	A 1H NMR study of crystal nucleation in solution. CrystEngComm, 2004, 6, 489.	2.6	70
175	A Structural Similarity Analysis of Double-helical DNA. Journal of Molecular Biology, 2004, 343, 879-889.	4.2	14
176	Quantification of Functional Group Interactions in Transition States. Journal of the American Chemical Society, 2003, 125, 9936-9937.	13.7	34
177	Cooperativity, Partially Bound States, and Enthalpy-Entropy Compensation. Chemistry and Biology, 2003, 10, 1023-1032.	6.0	72
178	Complexation-induced chemical shiftsâ€"ab initio parameterization of transferable bond anisotropies. Journal of Magnetic Resonance, 2003, 162, 102-112.	2.1	14
179	Molecular Acrobatics:Â Self-Assembly of Calixarene-Porphyrin Cages. Journal of the American Chemical Society, 2003, 125, 14181-14189.	13.7	109
180	Cooperative Binding at Lipid Bilayer Membrane Surfaces. Journal of the American Chemical Society, 2003, 125, 4593-4599.	13.7	97

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181	Sequence-dependent DNA Structure: A Database of Octamer Structural Parameters. Journal of Molecular Biology, 2003, 332, 1025-1035.	4.2	59
182	The role of the counteranion in the cation-Ï€ interaction. Chemical Communications, 2003, , 834-835.	4.1	37
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