William M Cullen

List of Publications by Year
in descending order

18	1,125	567281 15	888059 17
papers	citations	h-index	g-index

19	19	19	1304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insight into the Mechanism of Action and Peptideâ€Membrane Interactions of Aibâ€Rich Peptides: Multitechnique Experimental and Theoretical Analysis. ChemBioChem, 2021, 22, 1656-1667.	2.6	11
2	Î±â€Aminoâ€•iso â€Butyric Acid Foldamers Terminated with Rhodium(I) Nâ€Heterocyclic Carbene Catalysts. Chemistry - A European Journal, 2021, , .	3.3	3
3	Demethylenation of Cyclopropanes via Photoinduced Guestâ€toâ€Host Electron Transfer in an M 6 L 4 Cage. Angewandte Chemie, 2019, 131, 9269-9271.	2.0	26
4	Demethylenation of Cyclopropanes via Photoinduced Guestâ€toâ€Host Electron Transfer in an M₆L₄ Cage. Angewandte Chemie - International Edition, 2019, 58, 9171-9173.	13.8	84
5	Catalysis in a Cationic Coordination Cage Using a Cavity-Bound Guest and Surface-Bound Anions: Inhibition, Activation, and Autocatalysis. Journal of the American Chemical Society, 2018, 140, 2821-2828.	13.7	103
6	Binding of Hydrophobic Guests in a Coordination Cage Cavity is Driven by Liberation of â€œHighâ€Energyâ€• Water. Chemistry - A European Journal, 2018, 24, 1554-1560.	3.3	42
7	Binding of Hydrophobic Guests in a Coordination Cage Cavity is Driven by Liberation of â€œHigh-Energyâ€• Water. Chemistry - A European Journal, 2018, 24, 1463-1463.	3.3	0
8	Highly selective CO₂vs. N₂ adsorption in the cavity of a molecular coordination cage. Chemical Communications, 2017, 53, 4398-4401.	4.1	25
9	A Quantitative Study of the Effects of Guest Flexibility on Binding Inside a Coordination Cage Host. Chemistry - A European Journal, 2017, 23, 206-213.	3.3	26
10	Highly efficient catalysis of the Kemp elimination in the cavity of a cubic coordination cage. Nature Chemistry, 2016, 8, 231-236.	13.6	364
11	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
12	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
13	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
14	Stepwise assembly of mixed-metal coordination cages containing both kinetically inert and kinetically labile metal ions: introduction of metal-centred redox and photophysical activity at specific sites. Dalton Transactions, 2015, 44, 17939-17949.	3.3	24
15	Virtual screening for high affinity guests for synthetic supramolecular receptors. Chemical Science, 2015, 6, 2790-2794.	7.4	46
16	From Intercalation to Groove Binding: Switching the DNAâ€Binding Mode of Isostructural Transitionâ€Metal Complexes. Chemistry - A European Journal, 2014, 20, 3089-3096.	3.3	27
17	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
18	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