Andrew Docker

List of Publications by Year in Descending Order

21 papers	307 citations	11 h-index	17 g-index
25 ext. papers	545 ext. citations	7.5 avg, IF	4.36 L-index

#	Paper	IF	Citations
21	Charge neutral halogen bonding tetradentate-iodotriazole macrocycles capable of anion recognition and sensing in highly competitive aqueous media. *Chemical Communications*, **2021**, 57, 11976-11979	5.8	1
20	Chalcogen Bonding Ion-Pair Cryptand Host Discrimination of Potassium Halide Salts. *Chemistry - A European Journal*, **2021**, 27, 7837-7841	4.8	12
19	Solvent Effects in Halogen and Hydrogen Bonding Mediated Electrochemical Anion Sensing in Aqueous Solution and at Interfaces. *Chemistry - A European Journal*, **2021**, 27, 10201-10209	4.8	14
18	Highly Active Halogen Bonding and Chalcogen Bonding Chloride Transporters with Non-Protonophoric Activity. *Chemistry - A European Journal*, **2021**, 27, 11738-11745	4.8	18
17	Recognition with Macrocycles and Interlocked Systems **2021**, 83-120		8
16	Anion recognition by halogen bonding and hydrogen bonding bis(triazole)-imidazolium [2]rotaxanes. *Dalton Transactions*, **2021**, 50, 12800-12805	4.3	3
15	Lithium halide ion-pair recognition with halogen bonding and chalcogen bonding heteroditopic macrocycles. *Chemical Communications*, **2021**, 57, 4950-4953	5.8	11
14	Halogen Bonding Tetraphenylethene Anion Receptors: Anion-Induced Emissive Aggregates and Photoswitchable Recognition. *Angewandte Chemie - International Edition*, **2021**, 60, 19442-19450	16.4	14
13	Halogen Bonding Tetraphenylethene Anion Receptors: Anion-Induced Emissive Aggregates and Photoswitchable Recognition. *Angewandte Chemie*, **2021**, 133, 19591-19599	3.6	3
12	Modulating Chalcogen Bonding and Halogen Bonding Sigma-Hole Donor Atom Potency and Selectivity for Halide Anion Recognition. *Angewandte Chemie*, **2021**, 133, 22144-22149	3.6	4
11	Modulating Chalcogen Bonding and Halogen Bonding Sigma-Hole Donor Atom Potency and Selectivity for Halide Anion Recognition. *Angewandte Chemie - International Edition*, **2021**, 60, 21973-21978	16.4	11
10	Halogen Bonding Heteroditopic Materials for Cooperative Sodium Iodide Binding and Extraction. *Chemistry - A European Journal*, **2021**, 27, 14600-14604	4.8	1
9	A new halogen bonding 1,2-iodo-triazolium-triazole benzene motif for anion recognition. *Polyhedron*, **2021**, 209, 115482	2.7	1
8	Pertosylated pillar[5]arene: self-template assisted synthesis and supramolecular polymer formation. *Chemical Communications*, **2020**, 56, 8739-8742	5.8	2
7	Chalcogen Bond Mediated Enhancement of Cooperative Ion-Pair Recognition. *Angewandte Chemie*, **2020**, 132, 12105-12110	3.6	11
6	From Heteroditopic to Multitopic Receptors for Ion-Pair Recognition: Advances in Receptor Design and Applications. *ChemPlusChem*, **2020**, 85, 1824-1841	2.8	13
5	Chalcogen Bond Mediated Enhancement of Cooperative Ion-Pair Recognition. *Angewandte Chemie - International Edition*, **2020**, 59, 12007-12012	16.4	25

List of Publications

4	A Potent Halogen-Bonding Donor Motif for Anion Recognition and Anion Template Mechanical Bond Synthesis. *Angewandte Chemie - International Edition*, **2019**, 58, 13823-13827	16.4	38
3	A Potent Halogen-Bonding Donor Motif for Anion Recognition and Anion Template Mechanical Bond Synthesis. *Angewandte Chemie*, **2019**, 131, 13961-13965	3.6	15
2	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. *Angewandte Chemie*, **2016**, 128, 11235-11242	3.6	23
1	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. *Angewandte Chemie - International Edition*, **2016**, 55, 11069-76	16.4	75