

# Andrew Docker

## List of Publications by Citations

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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	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11069-76	16.4	75
20	A Potent Halogen-Bonding Donor Motif for Anion Recognition and Anion Template Mechanical Bond Synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13823-13827	16.4	38
19	Chalcogen Bond Mediated Enhancement of Cooperative Ion-Pair Recognition. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12007-12012	16.4	25
18	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11235-11242	3.6	23
17	Highly Active Halogen Bonding and Chalcogen Bonding Chloride Transporters with Non-Protonophoric Activity. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 11738-11745	4.8	18
16	A Potent Halogen-Bonding Donor Motif for Anion Recognition and Anion Template Mechanical Bond Synthesis. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 13961-13965	3.6	15
15	Solvent Effects in Halogen and Hydrogen Bonding Mediated Electrochemical Anion Sensing in Aqueous Solution and at Interfaces. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10201-10209	4.8	14
14	Halogen Bonding Tetraphenylethene Anion Receptors: Anion-Induced Emissive Aggregates and Photoswitchable Recognition. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 19442-19450	16.4	14
13	From Heteroditopic to Multitopic Receptors for Ion-Pair Recognition: Advances in Receptor Design and Applications. <i>ChemPlusChem</i> , <b>2020</b> , 85, 1824-1841	2.8	13
12	Chalcogen Bonding Ion-Pair Cryptand Host Discrimination of Potassium Halide Salts. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7837-7841	4.8	12
11	Chalcogen Bond Mediated Enhancement of Cooperative Ion-Pair Recognition. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12105-12110	3.6	11
10	Lithium halide ion-pair recognition with halogen bonding and chalcogen bonding heteroditopic macrocycles. <i>Chemical Communications</i> , <b>2021</b> , 57, 4950-4953	5.8	11
9	Modulating Chalcogen Bonding and Halogen Bonding Sigma-Hole Donor Atom Potency and Selectivity for Halide Anion Recognition. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 21973-21978	16.4	11
8	Recognition with Macrocycles and Interlocked Systems <b>2021</b> , 83-120		8
7	Modulating Chalcogen Bonding and Halogen Bonding Sigma-Hole Donor Atom Potency and Selectivity for Halide Anion Recognition. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 22144-22149	3.6	4
6	Anion recognition by halogen bonding and hydrogen bonding bis(triazole)-imidazolium [2]rotaxanes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12800-12805	4.3	3
5	Halogen Bonding Tetraphenylethene Anion Receptors: Anion-Induced Emissive Aggregates and Photoswitchable Recognition. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 19591-19599	3.6	3

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| 4 | Pertosylated pillar[5]arene: self-template assisted synthesis and supramolecular polymer formation. <i>Chemical Communications</i> , <b>2020</b> , 56, 8739-8742  | 5.8 | 2 |
| 3 | Charge neutral halogen bonding tetradentate-iodotriazole macrocycles capable of anion recognition and sensing in highly competitive aqueous media. <i>Chemical Communications</i> , <b>2021</b> , 57, 11976-11979 | 5.8 | 1 |
| 2 | Halogen Bonding Heteroditopic Materials for Cooperative Sodium Iodide Binding and Extraction. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 14600-14604   | 4.8 | 1 |
| 1 | A new halogen bonding 1,2-iodo-triazolium-triazole benzene motif for anion recognition. <i>Polyhedron</i> , <b>2021</b> , 209, 115482   | 2.7 | 1 |