

Andrew Docker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2625390/publications.pdf>

Version: 2024-02-01

24
papers

740
citations

566801

15
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11069-11076.	7.2	95
2	A Potent Halogen-Bonding Donor Motif for Anion Recognition and Anion Template Mechanical Bond Synthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13823-13827.	7.2	63
3	Modulating Chalcogen Bonding and Halogen Bonding Sigma-Hole Donor Atom Potency and Selectivity for Halide Anion Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21973-21978.	7.2	58
4	Highly Active Halogen Bonding and Chalcogen Bonding Chloride Transporters with Non-Protonophoric Activity. <i>Chemistry - A European Journal</i> , 2021, 27, 11738-11745.	1.7	54
5	Halogen Bonding Tetraphenylethene Anion Receptors: Anion-Induced Emissive Aggregates and Photoswitchable Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19442-19450.	7.2	49
6	Chalcogen Bond Mediated Enhancement of Cooperative Ion-Pair Recognition. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12007-12012.	7.2	47
7	From Heteroditopic to Multitopic Receptors for Ion-Pair Recognition: Advances in Receptor Design and Applications. <i>ChemPlusChem</i> , 2020, 85, 1824-1841.	1.3	45
8	Lithium halide ion-pair recognition with halogen bonding and chalcogen bonding heteroditopic macrocycles. <i>Chemical Communications</i> , 2021, 57, 4950-4953.	2.2	43
9	Redox-Switchable Chalcogen Bonding for Anion Recognition and Sensing. <i>Journal of the American Chemical Society</i> , 2022, 144, 8827-8836.	6.6	39
10	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie</i> , 2016, 128, 11235-11242.	1.6	28
11	A Potent Halogen-Bonding Donor Motif for Anion Recognition and Anion Template Mechanical Bond Synthesis. <i>Angewandte Chemie</i> , 2019, 131, 13961-13965.	1.6	24
12	Solvent Effects in Halogen and Hydrogen Bonding Mediated Electrochemical Anion Sensing in Aqueous Solution and at Interfaces. <i>Chemistry - A European Journal</i> , 2021, 27, 10201-10209.	1.7	24
13	Chalcogen Bonding Ion-Pair Cryptand Host Discrimination of Potassium Halide Salts. <i>Chemistry - A European Journal</i> , 2021, 27, 7837-7841.	1.7	23
14	Chalcogen Bond Mediated Enhancement of Cooperative Ion-Pair Recognition. <i>Angewandte Chemie</i> , 2020, 132, 12105-12110.	1.6	19
15	Anion recognition by halogen bonding and hydrogen bonding bis(triazole)-imidazolium [2]rotaxanes. <i>Dalton Transactions</i> , 2021, 50, 12800-12805.	1.6	17
16	Halogen Bonding Heteroditopic Materials for Cooperative Sodium Iodide Binding and Extraction. <i>Chemistry - A European Journal</i> , 2021, 27, 14600-14604.	1.7	17
17	Pertosylated pillar[5]arene: self-template assisted synthesis and supramolecular polymer formation. <i>Chemical Communications</i> , 2020, 56, 8739-8742.	2.2	12
18	Selective Extraction, Recovery, and Sensing of Hydroquinone Mediated by a Supramolecular Pillar[5]quinone Quinhydrone Charge-Transfer Complex. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 6810-6817.	4.0	12

#	ARTICLE	IF	CITATIONS
19	Modulating Chalcogen Bonding and Halogen Bonding Sigma-Hole Donor Atom Potency and Selectivity for Halide Anion Recognition. <i>Angewandte Chemie</i> , 2021, 133, 22144-22149.	1.6	11
20	Hydroxy Groups Enhance [2]Rotaxane Anion Binding Selectivity. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	11
21	Halogen Bonding Tetraphenylethene Anion Receptors: Anion-Induced Emissive Aggregates and Photoswitchable Recognition. <i>Angewandte Chemie</i> , 2021, 133, 19591-19599.	1.6	9
22	Charge neutral halogen bonding tetradentate-iodotriazole macrocycles capable of anion recognition and sensing in highly competitive aqueous media. <i>Chemical Communications</i> , 2021, 57, 11976-11979.	2.2	9
23	A new halogen bonding 1,2-iodo-triazolium-triazole benzene motif for anion recognition. <i>Polyhedron</i> , 2021, 209, 115482.	1.0	8
24	Organotelluroxane molecular clusters assembled <i>via</i> Te^{X} ($\text{X} = \text{Cl}$), <i>Tj ETQq0 0 0 rgBT /Overlock</i> 3318-3321.	2.2	6