

Jason Y C Lim

List of Publications by Citations

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31
papers

1,098
citations

19
h-index

31
g-index

31
ext. papers

1,364
ext. citations

8
avg, IF

5.15
L-index

#	Paper	IF	Citations
31	Chalcogen Bonding Macrocycles and [2]Rotaxanes for Anion Recognition. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3122-3133	16.4	148
30	A Chiral Halogen-Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 584-588	16.4	115
29	Anion Recognition in Water by Charge-Neutral Halogen and Chalcogen Bonding Foldamer Receptors. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4119-4129	16.4	107
28	Enantioselective Anion Recognition by Chiral Halogen-Bonding [2]Rotaxanes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12228-12239	16.4	84
27	Halogen bonding-enhanced electrochemical halide anion sensing by redox-active ferrocene receptors. <i>Chemical Communications</i> , 2015 , 51, 14640-3	5.8	67
26	Enhancing the enantioselective recognition and sensing of chiral anions by halogen bonding. <i>Chemical Communications</i> , 2016 , 52, 5527-30	5.8	63
25	Molecular gel sorbent materials for environmental remediation and wastewater treatment. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 18759-18791	13	57
24	Superior perchlorate anion recognition in water by a halogen bonding acyclic receptor. <i>Chemical Communications</i> , 2015 , 51, 3686-8	5.8	54
23	Neutral iodotriazole foldamers as tetradentate halogen bonding anion receptors. <i>Chemical Communications</i> , 2017 , 53, 2483-2486	5.8	47
22	Chiral halogen and chalcogen bonding receptors for discrimination of stereo- and geometric dicarboxylate isomers in aqueous media. <i>Chemical Communications</i> , 2018 , 54, 10851-10854	5.8	43
21	Thermodynamics of Anion Binding by Chalcogen Bonding Receptors. <i>Chemistry - A European Journal</i> , 2018 , 24, 14560-14566	4.8	37
20	A Halogen Bonding 1,3-Disubstituted Ferrocene Receptor for Recognition and Redox Sensing of Azide. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 220-224	2.3	37
19	Strong and Selective Halide Anion Binding by Neutral Halogen-Bonding [2]Rotaxanes in Wet Organic Solvents. <i>Chemistry - A European Journal</i> , 2017 , 23, 4700-4707	4.8	34
18	A Chiral Halogen-Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. <i>Angewandte Chemie</i> , 2018 , 130, 593-597	3.6	28
17	Thermogelling chitosan-based polymers for the treatment of oral mucosa ulcers. <i>Biomaterials Science</i> , 2020 , 8, 1364-1379	7.4	22
16	Neutral redox-active hydrogen- and halogen-bonding [2]rotaxanes for the electrochemical sensing of chloride. <i>Dalton Transactions</i> , 2014 , 43, 17274-82	4.3	21
15	Electrochemical Bromide Sensing with a Halogen Bonding [2]Rotaxane. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3433-3441	3.2	21

14	Bottom-Up Engineering of Responsive Hydrogel Materials for Molecular Detection and Biosensing 2020 , 2, 918-950		19
13	A pyrrole-containing cleft-type halogen bonding receptor for oxoanion recognition and sensing in aqueous solvent media. <i>New Journal of Chemistry</i> , 2018 , 42, 10472-10475	3.6	19
12	Acid-Regulated Switching of Metal Cation and Anion Guest Binding in Halogen-Bonding Rotaxanes. <i>Chemistry - A European Journal</i> , 2018 , 24, 17788-17795	4.8	15
11	Polymeric hydrogels as a vitreous replacement strategy in the eye. <i>Biomaterials</i> , 2021 , 268, 120547	15.6	14
10	PCL-Based Thermogelling Polymer: Molecular Weight Effects on Its Suitability as Vitreous Tamponade.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 9043-9053	4.1	12
9	Antiangiogenic Nanomicelles for the Topical Delivery of Aflibercept to Treat Retinal Neovascular Disease. <i>Advanced Materials</i> , 2021 , e2108360	24	8
8	The Thermogel Chronicle From Rational Design of Thermogelling Copolymers to Advanced Thermogel Applications. <i>Accounts of Materials Research</i> ,	7.5	6
7	Zinc diethyldithiocarbamate as a catalyst for synthesising biomedically-relevant thermogelling polyurethanes. <i>Materials Advances</i> , 2020 , 1, 3221-3232	3.3	5
6	Supramolecular thermogels from branched PCL-containing polyurethanes.. <i>RSC Advances</i> , 2020 , 10, 39109-39120	9.7	30
5	Cationic all-halogen bonding rotaxanes for halide anion recognition. <i>Faraday Discussions</i> , 2017 , 203, 245-265	3.65	4
4	High molecular weight hyper-branched PCL-based thermogelling vitreous endotamponades. <i>Biomaterials</i> , 2021 , 280, 121262	15.6	3
3	Halide Salt-Catalyzed Crosslinked Polyurethanes for Supercapacitor Gel Electrolyte Applications. <i>ChemSusChem</i> , 2021 , 14, 3237-3243	8.3	2
2	Halogen Bonding Ionophore for Potentiometric Iodide Sensing. <i>Analytical Chemistry</i> , 2021 , 93, 15543-15549	7.49	1
1	Branched PCL-Based Thermogelling Copolymers: Controlling Polymer Architecture to Tune Drug Release Profiles.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 864372	5.8	0