Jason Y C Lim

List of Publications by Year
in descending order

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31	1,602	331259 21	454577 30
papers	citations	h-index	g-index

31	31	31	1289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chalcogen Bonding Macrocycles and [2]Rotaxanes for Anion Recognition. Journal of the American Chemical Society, 2017, 139, 3122-3133.	6.6	187
2	Anion Recognition in Water by Charge-Neutral Halogen and Chalcogen Bonding Foldamer Receptors. Journal of the American Chemical Society, 2019, 141, 4119-4129.	6.6	174
3	A Chiral Halogenâ€Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. Angewandte Chemie - International Edition, 2018, 57, 584-588.	7.2	139
4	Enantioselective Anion Recognition by Chiral Halogen-Bonding [2]Rotaxanes. Journal of the American Chemical Society, 2017, 139, 12228-12239.	6.6	110
5	Molecular gel sorbent materials for environmental remediation and wastewater treatment. Journal of Materials Chemistry A, 2019, 7, 18759-18791.	5.2	102
6	Halogen bonding-enhanced electrochemical halide anion sensing by redox-active ferrocene receptors. Chemical Communications, 2015, 51, 14640-14643.	2.2	81
7	Enhancing the enantioselective recognition and sensing of chiral anions by halogen bonding. Chemical Communications, 2016, 52, 5527-5530.	2.2	74
8	Superior perrhenate anion recognition in water by a halogen bonding acyclic receptor. Chemical Communications, 2015, 51, 3686-3688.	2.2	64
9	Neutral iodotriazole foldamers as tetradentate halogen bonding anion receptors. Chemical Communications, 2017, 53, 2483-2486.	2.2	63
10	Chiral halogen and chalcogen bonding receptors for discrimination of stereo- and geometric dicarboxylate isomers in aqueous media. Chemical Communications, 2018, 54, 10851-10854.	2.2	62
11	Polymeric hydrogels as a vitreous replacement strategy in the eye. Biomaterials, 2021, 268, 120547.	5.7	51
12	Thermodynamics of Anion Binding by Chalcogen Bonding Receptors. Chemistry - A European Journal, 2018, 24, 14560-14566.	1.7	49
13	A Halogen Bonding 1,3â€Disubstituted Ferrocene Receptor for Recognition and Redox Sensing of Azide. European Journal of Inorganic Chemistry, 2017, 2017, 220-224.	1.0	46
14	Bottom-Up Engineering of Responsive Hydrogel Materials for Molecular Detection and Biosensing. , 2020, 2, 918-950.		46
15	Strong and Selective Halide Anion Binding by Neutral Halogenâ€Bonding [2]Rotaxanes in Wet Organic Solvents. Chemistry - A European Journal, 2017, 23, 4700-4707.	1.7	44
16	Thermogelling chitosan-based polymers for the treatment of oral mucosa ulcers. Biomaterials Science, 2020, 8, 1364-1379.	2.6	42
17	A Chiral Halogenâ€Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. Angewandte Chemie, 2018, 130, 593-597.	1.6	35
18	Antiangiogenic Nanomicelles for the Topical Delivery of Aflibercept to Treat Retinal Neovascular Disease. Advanced Materials, 2022, 34, e2108360.	11.1	32

#	Article	IF	Citations
19	Electrochemical Bromide Sensing with a Halogen Bonding [2]Rotaxane. European Journal of Organic Chemistry, 2019, 2019, 3433-3441.	1.2	29
20	PCL-Based Thermogelling Polymer: Molecular Weight Effects on Its Suitability as Vitreous Tamponade. ACS Applied Bio Materials, 2020, 3, 9043-9053.	2.3	27
21	Neutral redox-active hydrogen- and halogen-bonding [2]rotaxanes for the electrochemical sensing of chloride. Dalton Transactions, 2014, 43, 17274-17282.	1.6	23
22	A pyrrole-containing cleft-type halogen bonding receptor for oxoanion recognition and sensing in aqueous solvent media. New Journal of Chemistry, 2018, 42, 10472-10475.	1.4	23
23	The Thermogel Chronicleâ”€From Rational Design of Thermogelling Copolymers to Advanced Thermogel Applications. Accounts of Materials Research, 2021, 2, 881-894.	5.9	20
24	Acidâ€Regulated Switching of Metal Cation and Anion Guest Binding in Halogenâ€Bonding Rotaxanes. Chemistry - A European Journal, 2018, 24, 17788-17795.	1.7	19
25	High molecular weight hyper-branched PCL-based thermogelling vitreous endotamponades. Biomaterials, 2022, 280, 121262.	5.7	19
26	Zinc diethyldithiocarbamate as a catalyst for synthesising biomedically-relevant thermogelling polyurethanes. Materials Advances, 2020, 1, 3221-3232.	2.6	9
27	Supramolecular thermogels from branched PCL-containing polyurethanes. RSC Advances, 2020, 10, 39109-39120.	1.7	8
28	Halogen Bonding Ionophore for Potentiometric Iodide Sensing. Analytical Chemistry, 2021, 93, 15543-15549.	3.2	8
29	Halide Saltâ€Catalyzed Crosslinked Polyurethanes for Supercapacitor Gel Electrolyte Applications. ChemSusChem, 2021, 14, 3237-3243.	3.6	7
30	Branched PCL-Based Thermogelling Copolymers: Controlling Polymer Architecture to Tune Drug Release Profiles. Frontiers in Bioengineering and Biotechnology, 2022, 10, 864372.	2.0	5
31	Cationic all-halogen bonding rotaxanes for halide anion recognition. Faraday Discussions, 2017, 203, 245-255.	1.6	4