

# Thanthapatra Bunchuay

## List of Publications by Year in descending order

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18  
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#	ARTICLE	IF	CITATIONS
1	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
2	Chalcogen Bond Mediated Enhancement of Cooperative Ion-Pair Recognition. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12007-12012.	7.2	47
3	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.	1.7	44
4	Microwave-assisted one-pot functionalization of metal-organic framework MIL-53(Al)-NH <sub>2</sub> with copper complexes and its application in olefin oxidation. <i>Catalysis Science and Technology</i> , 2017, 7, 6069-6079.	2.1	36
5	Cross-Linking Silsesquioxane Cages with Polyaromatics as Fluorescent Porous Polymers for Fluoride Sensing and Removal. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1244-1255.	2.0	29
6	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
7	Chalcogen Bonding Ion-Pair Cryptand Host Discrimination of Potassium Halide Salts. <i>Chemistry - A European Journal</i> , 2021, 27, 7837-7841.	1.7	23
8	Chalcogen Bond Mediated Enhancement of Cooperative Ion-Pair Recognition. <i>Angewandte Chemie</i> , 2020, 132, 12105-12110.	1.6	19
9	Copper-Functionalized Metal-Organic Framework as Catalyst for Oxidant-Controlled Partial Oxidation of Cyclohexene. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 703-712.	1.0	17
10	Uniform Cu/chitosan beads as a green and reusable catalyst for facile synthesis of imines via oxidative coupling reaction. <i>RSC Advances</i> , 2020, 10, 21009-21018.	1.7	16
11	A Bis-Triazacyclononane Tris-Pyridyl N <sub>9</sub> -Azacryptand as Beer Can-Receptor for Complexation of Alkali Metal and Lead(II) Cations. <i>Chemistry - A European Journal</i> , 2018, 24, 10434-10442.	1.7	12
12	Pertosylated pillar[5]arene: self-template assisted synthesis and supramolecular polymer formation. <i>Chemical Communications</i> , 2020, 56, 8739-8742.	2.2	12
13	Selective Extraction, Recovery, and Sensing of Hydroquinone Mediated by a Supramolecular Pillar[5]quinone Quinhydrone Charge-Transfer Complex. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 6810-6817.	4.0	12
14	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
15	A new halogen bonding 1,2-iodo-triazolium-triazole benzene motif for anion recognition. <i>Polyhedron</i> , 2021, 209, 115482.	1.0	8
16	Cu <sub>2</sub> O/CuO/Chitosan Composites as Heterogeneous Catalysts for Benzylic C-H Oxidation at Room Temperature. <i>ChemCatChem</i> , 2021, 13, 4833-4840.	1.8	4
17	Pillar[4]arene[1]thioarenes: Synthesis and Host-Guest Binding Properties. <i>Synlett</i> , 2022, 33, 1357-1362.	1.0	3
18	Unsymmetrical PEG-substituted tris(triazolyl)amines as bi-functional surfactants for copper-catalyzed aerobic oxidation of alcohols in water. <i>New Journal of Chemistry</i> , 2022, 46, 6009-6017.	1.4	1