

Abdullah AydoÄan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Poly(methyl methacrylate)s with Pendant Calixpyrroles and Crown Ethers: Polymeric Extractants for Potassium Halides. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9648-9652.	13.8	96
2	Poly(methyl methacrylate)s with pendant calixpyrroles: polymeric extractants for halide anion salts. <i>Chemical Communications</i> , 2008, , 1455.	4.1	66
3	EDOT-Functionalized Calix[4]pyrrole for the Electrochemical Sensing of Fluoride in Water. <i>Organic Letters</i> , 2014, 16, 3764-3767.	4.6	50
4	Decoration of Gold Nanoparticles by a Double-armed Calix[4]pyrrole: A Receptor-decorated Nanoensemble for Anion Sensing and Extraction. <i>Chemistry - A European Journal</i> , 2013, 19, 5860-5867.	3.3	33
5	Tri- and Pentacalix[4]pyrroles: Synthesis, Characterization and Their Use in the Extraction of Halide Salts. <i>Chemistry - A European Journal</i> , 2012, 18, 1999-2005.	3.3	23
6	Calix[4]pyrrole-decorated carbon nanotubes on paper for sensing acetone vapor. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 484-491.	7.8	22
7	A thermoresponsive supramolecular polymer gel from a heteroditopic calix[4]pyrrole. <i>Chemical Communications</i> , 2018, 54, 829-832.	4.1	20
8	Calix[4]pyrroles with Long Alkyl Chains: Synthesis, Characterization, and Anion Binding Studies. <i>Supramolecular Chemistry</i> , 2008, 20, 11-21.	1.2	19
9	Supramolecular calix[4]pyrrole polymers from a complementary pair of homoditopic host-guest molecules. <i>Chemical Communications</i> , 2019, 55, 8800-8803.	4.1	18
10	An imidazolium-functionalized self-assembling calix[4]pyrrole. <i>Chemical Communications</i> , 2014, 50, 13600-13603.	4.1	17
11	Reversible Assembly and Disassembly of Receptor-decorated Gold Nanoparticles Controlled by Ion Recognition. <i>Chemistry - A European Journal</i> , 2015, 21, 2368-2376.	3.3	16
12	Counter Cation Dependent and Stimuli Responsive Supramolecular Polymers Constructed by Calix[4]pyrrole Based Host-Guest Interactions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 633-639.	2.4	15
13	Synthesis of <i>meso</i> -tetra acid and ester functionalized calix[4]pyrroles. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 931-934.	2.6	14
14	Siloxane-functionalized calix[4]pyrrole: synthesis, characterization and modification of silica-based solid supports. <i>Tetrahedron Letters</i> , 2011, 52, 2790-2793.	1.4	13
15	Ion Pair Recognition Based Supramolecular Polymer Showing Rapid and Reversible Sol-Gel Transition through van der Waals Interactions. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5371-5376.	4.4	13
16	A calix[4]pyrrole-based linear supramolecular polymer constructed by orthogonal self-assembly. <i>Chemical Communications</i> , 2021, 57, 4186-4189.	4.1	13
17	Synthesis and characterisation of a calix[4]pyrrole functional polystyrene via "click chemistry" and its use in the extraction of halide anion salts. <i>Supramolecular Chemistry</i> , 2016, 28, 117-124.	1.2	12
18	Highly sensitive and cost-effective fluorescent turn-on sensors based on octamethylcalix[4]pyrrole receptor for the detection of fluoride anion. <i>Dyes and Pigments</i> , 2022, 197, 109918.	3.7	11

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19	Development of Highly Luminescent Water-Insoluble Carbon Dots by Using Calix[4]pyrrole as the Carbon Precursor and Their Potential Application in Organic Solar Cells. ACS Omega, 2022, 7, 18840-18851.	3.5	8
20	Multiresponsive, Self-Healing, and Hierarchical Materials Constructed from Anion Recognition-Based Supramolecular Polymer Networks. ACS Applied Polymer Materials, 2022, 4, 4774-4783.	4.4	7
21	Calix[4]pyrroles with bulky substituents and their anion binding studies. Turkish Journal of Chemistry, 2017, 41, 493-501.	1.2	3
22	Tetrakis(bicyclo[2.2.2]octane)-Fused Calix[4]pyrrole. Helvetica Chimica Acta, 2014, 97, 1427-1432.	1.6	1
23	5,10,10,15,20,20-Hexamethylcalix[4]pyrrole 5,15-diethyl diester. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3157-o3157.	0.2	1
24	Synthesis of meso-Tetra Acid and Ester Functionalized Calix[4]pyrroles. ChemInform, 2005, 36, no.	0.0	0
25	Frontispiece: Reversible Assembly and Disassembly of Receptor-Decorated Gold Nanoparticles Controlled by Ion Recognition. Chemistry - A European Journal, 2015, 21, .	3.3	0