

Reza Zadmard

List of Publications by Year in descending order

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papers

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623734

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of a new chitosan- <i>p</i> -tert- <i>i</i> -butylcalix[4]arene polymer as adsorbent for toxic mercury ion. Royal Society Open Science, 2022, 9, .	2.4	6
2	Synthesis of novel lower rim dimethylcarbamodithioate substituted calix[4]arene as selective and sensitive turn-on fluorescent sensor for detection of phosphate in aqueous solution. Tetrahedron Letters, 2021, 71, 153046.	1.4	1
3	Recent progress to construct calixarene-based polymers using covalent bonds: synthesis and applications. RSC Advances, 2020, 10, 32690-32722.	3.6	24
4	Efficiency of milk proteins in eliminating practical limitations of β -carotene in hydrated polar solution. Food Chemistry, 2020, 330, 127218.	8.2	4
5	Synthesis of novel 6-piperidin-1-ylpyrimidine-2,4-diamine 3-oxide substituted calix[4]arene as a highly selective and sensitive fluorescent sensor for Cu ²⁺ in aqueous samples. Tetrahedron Letters, 2020, 61, 151658.	1.4	12
6	Conformational Mobility Study in Mono Quinone Derivative of Calix[4]arene by Low Temperature NMR Spectroscopy. Letters in Organic Chemistry, 2020, 17, 101-106.	0.5	0
7	Highly functionalized calix[4]arenes via multicomponent reactions: synthesis and recognition properties. RSC Advances, 2019, 9, 19596-19605.	3.6	7
8	Binding of β -carotene to whey proteins: Multi-spectroscopic techniques and docking studies. Food Chemistry, 2019, 277, 96-106.	8.2	72
9	Spectroscopic and docking studies on the interaction between caseins and β -carotene. Food Chemistry, 2018, 255, 187-196.	8.2	49
10	Silica bonded calix[4]arene as an efficient, selective and reusable sorbent for rubber chemical additives. Journal of Porous Materials, 2018, 25, 1463-1474.	2.6	9
11	Green synthesis of imidazo[1,2-a]pyridines using calix[6]arene-SO ₃ H surfactant in water. Tetrahedron Letters, 2018, 59, 2393-2398.	1.4	12
12	Preparation and evaluation of a chiral HPLC stationary phase based on cone calix[4]arene functionalized at the upper rim with alanine units. Biomedical Chromatography, 2018, 32, e4122.	1.7	16
13	Calix[4]arene-based Multifunctional Ligand as Potent Protein Binding Agent. Journal of Heterocyclic Chemistry, 2018, 55, 2532-2537.	2.6	5
14	Calix[4]arene-based crab-like molecular sensors for highly selective detection of mercury and copper ions. Supramolecular Chemistry, 2017, 29, 17-23.	1.2	10
15	Multivalent calix[4]arene-based fluorescent sensor for detecting silver ions in aqueous media and physiological environment. Biosensors and Bioelectronics, 2017, 90, 290-297.	10.1	47
16	A highly selective fluorescent chemosensor for NADH based on calix[4]arene dimer. Tetrahedron, 2017, 73, 604-607.	1.9	15
17	Synthesis and protein binding properties of novel highly functionalized Calix[4]arene. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 86, 27-32.	1.6	6
18	DNA Binding and Recognition of a CC Mismatch in a DNA Duplex by Water-Soluble Peptidocalix[4]arenes: Synthesis and Applications. Organic Letters, 2016, 18, 4766-4769.	4.6	10

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19	An Efficient Multi-Component Synthesis of Highly Functionalized Calix[4]arenes with Pronounced Binding Affinity toward β -Lactoglobulin. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3894-3899.	2.4	6
20	Separation of Amino Acids by High Performance Liquid Chromatography Based on Calixarene-Bonded Stationary Phases. <i>Journal of Chromatographic Science</i> , 2015, 53, 702-707.	1.4	7
21	Efficient synthesis of lower rim β -hydrazino tetrazolocalix[4]arenes via an Ugi-azide multicomponent reaction. <i>New Journal of Chemistry</i> , 2015, 39, 6578-6584.	2.8	16
22	Functionalized calix[4]arene-based receptor for saccharide recognition. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 83, 53-61.	1.6	4
23	Protein surface recognition by calixarenes. <i>RSC Advances</i> , 2014, 4, 41529-41542.	3.6	37
24	A convenient and efficient one-pot method for the synthesis of novel acridine-calix[4]arene derivatives as new DNA binding agents via multicomponent reaction. <i>Supramolecular Chemistry</i> , 2014, 26, 442-449.	1.2	11
25	Immobilization of Chlorosulfonyl-Calix[4]arene onto the surface of silica gel through the directly esterification. <i>Applied Surface Science</i> , 2012, 258, 5925-5932.	6.1	21
26	Synthesis of a New Calix[4]Arene and Its Application in Construction of a Highly Selective Silver Ion-Selective Membrane Electrode. <i>Research Letters in Organic Chemistry</i> , 2009, 2009, 1-5.	0.6	7
27	Calixarene Dimers as Host Molecules for Biologically Important Di- and Oligophosphates. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1458-1464.	3.3	18
28	Covalently Linked at the Lower Rim Double-Calix[4]arene as a Precursor for Multicavity Supramolecular Receptor. <i>Synthetic Communications</i> , 2008, 38, 1830-1836.	2.1	4
29	Color Fingerprinting of Proteins by Calixarenes Embedded in Lipid/Polydiacetylene Vesicles. <i>Journal of the American Chemical Society</i> , 2006, 128, 13592-13598.	13.7	130
30	DNA Recognition with Large Calixarene Dimers. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2703-2706.	13.8	72
31	Nanomolar Protein Sensing with Embedded Receptor Molecules. <i>Journal of the American Chemical Society</i> , 2005, 127, 904-915.	13.7	135
32	Capsule-like Assemblies in Polar Solvents. <i>Journal of Organic Chemistry</i> , 2003, 68, 6511-6521.	3.2	73