

# Reza Zadmard

## List of Publications by Year in descending order

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32  
papers

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citations

623734

14  
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477307

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33  
all docs

33  
docs citations

33  
times ranked

962  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomolar Protein Sensing with Embedded Receptor Molecules. <i>Journal of the American Chemical Society</i> , 2005, 127, 904-915.	13.7	135
2	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
3	Capsule-like Assemblies in Polar Solvents. <i>Journal of Organic Chemistry</i> , 2003, 68, 6511-6521.	3.2	73
4	DNA Recognition with Large Calixarene Dimers. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2703-2706.	13.8	72
5	Binding of $\beta$ -carotene to whey proteins: Multi-spectroscopic techniques and docking studies. <i>Food Chemistry</i> , 2019, 277, 96-106.	8.2	72
6	Spectroscopic and docking studies on the interaction between caseins and $\beta$ -carotene. <i>Food Chemistry</i> , 2018, 255, 187-196.	8.2	49
7	Multivalent calix[4]arene-based fluorescent sensor for detecting silver ions in aqueous media and physiological environment. <i>Biosensors and Bioelectronics</i> , 2017, 90, 290-297.	10.1	47
8	Protein surface recognition by calixarenes. <i>RSC Advances</i> , 2014, 4, 41529-41542.	3.6	37
9	Recent progress to construct calixarene-based polymers using covalent bonds: synthesis and applications. <i>RSC Advances</i> , 2020, 10, 32690-32722.	3.6	24
10	Immobilization of Chlorosulfonyl-Calix[4]arene onto the surface of silica gel through the directly estrification. <i>Applied Surface Science</i> , 2012, 258, 5925-5932.	6.1	21
11	Calixarene Dimers as Host Molecules for Biologically Important Di- and Oligophosphates. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1458-1464.	3.3	18
12	Efficient synthesis of lower rim $\beta$ -hydrazino tetrazolocalix[4]arenes via an Ugi-azide multicomponent reaction. <i>New Journal of Chemistry</i> , 2015, 39, 6578-6584.	2.8	16
13	Preparation and evaluation of a chiral HPLC stationary phase based on cone calix[4]arene functionalized at the upper rim with L-alanine units. <i>Biomedical Chromatography</i> , 2018, 32, e4122.	1.7	16
14	A highly selective fluorescent chemosensor for NADH based on calix[4]arene dimer. <i>Tetrahedron</i> , 2017, 73, 604-607.	1.9	15
15	Green synthesis of imidazo[1,2-a]pyridines using calix[6]arene-SO <sub>3</sub> H surfactant in water. <i>Tetrahedron Letters</i> , 2018, 59, 2393-2398.	1.4	12
16	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 <sup>2+</sup> in aqueous samples. <i>Tetrahedron Letters</i> , 2020, 61, 151658.	1.4	12
17	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
18	DNA Binding and Recognition of a CC Mismatch in a DNA Duplex by Water-Soluble Peptidocalix[4]arenes: Synthesis and Applications. <i>Organic Letters</i> , 2016, 18, 4766-4769.	4.6	10

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19	Calix[4]arene-based crab-like molecular sensors for highly selective detection of mercury and copper ions. <i>Supramolecular Chemistry</i> , 2017, 29, 17-23.	1.2	10
20	Silica bonded calix[4]arene as an efficient, selective and reusable sorbent for rubber chemical additives. <i>Journal of Porous Materials</i> , 2018, 25, 1463-1474.	2.6	9
21	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
22	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
23	Highly functionalized calix[4]arenes via multicomponent reactions: synthesis and recognition properties. <i>RSC Advances</i> , 2019, 9, 19596-19605.	3.6	7
24	Synthesis and protein binding properties of novel highly functionalized Calix[4]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 86, 27-32.	1.6	6
25	An Efficient Multi-Component Synthesis of Highly Functionalized Calix[4]arenes with Pronounced Binding Affinity toward $\beta$ -Lactoglobulin. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3894-3899.	2.4	6
26	Synthesis of a new chitosan- <i>p-tert</i> -butylcalix[4]arene polymer as adsorbent for toxic mercury ion. <i>Royal Society Open Science</i> , 2022, 9, .	2.4	6
27	Calix[4]arene-based Multifunctional Ligand as Potent Protein Binding Agent. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2532-2537.	2.6	5
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	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
30	Efficiency of milk proteins in eliminating practical limitations of $\beta$ -carotene in hydrated polar solution. <i>Food Chemistry</i> , 2020, 330, 127218.	8.2	4
31	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. <i>Tetrahedron Letters</i> , 2021, 71, 153046.	1.4	1
32	Conformational Mobility Study in Mono Quinone Derivative of Calix[4]arene by Low Temperature NMR Spectroscopy. <i>Letters in Organic Chemistry</i> , 2020, 17, 101-106.	0.5	0