

# Mustafa Tabakci

## List of Publications by Year in descending order

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40  
papers

1,210  
citations

279798

23  
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361022

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41  
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41  
docs citations

41  
times ranked

843  
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly selective fluorescent sensor based on calix[4]arene appended benzothiazole units for Cu <sup>2+</sup> , S <sub>2</sub> O <sub>4</sub> <sup>2-</sup> and HSO <sub>4</sub> <sup>-</sup> ions in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 109-116.	7.8	77
2	Sorption characteristics of Cu(II) ions onto silica gel-immobilized calix[4]arene polymer in aqueous solutions: Batch and column studies. <i>Journal of Hazardous Materials</i> , 2008, 151, 331-338.	12.4	75
3	Polymer Supported Calix[4]Arene Derivatives for the Extraction of Metals and Dichromate Anions. <i>Journal of Polymers and the Environment</i> , 2003, 11, 67-74.	5.0	67
4	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 45, 267-270.	1.6	67
5	Synthesis and evaluation of the Cr(VI) extraction ability of amino/nitrile calix[4]arenes immobilized onto a polymeric backbone. <i>Reactive and Functional Polymers</i> , 2006, 66, 1342-1349.	4.1	65
6	Calix[4]arene coated QCM sensors for detection of VOC emissions: Methylene chloride sensing studies. <i>Talanta</i> , 2016, 153, 221-227.	5.5	64
7	A useful approach toward the synthesis and metal extractions with polymer appended thioalkyl calix[4]arenes. <i>Polymer</i> , 2005, 46, 1553-1560.	3.8	55
8	Preparation, characterization of cellulose-grafted with calix[4]arene polymers for the adsorption of heavy metals and dichromate anions. <i>Journal of Hazardous Materials</i> , 2007, 148, 428-435.	12.4	47
9	Adsorption of phenolic compounds onto calix[4]arene-bonded silica gels from aqueous solutions. <i>Reactive and Functional Polymers</i> , 2018, 126, 27-35.	4.1	47
10	A Convenient Approach towards the Synthesis of a "Proton Switchable" Chromium(VI) Extractant Based on Calix[4]arene. <i>Supramolecular Chemistry</i> , 2004, 16, 199-204.	1.2	44
11	Synthesis of a chitosan-linked calix[4]arene chelating polymer and its sorption ability toward heavy metals and dichromate anions. <i>Bioresource Technology</i> , 2008, 99, 6642-6645.	9.6	35
12	Synthesis and extraction properties of new "proton-switchable" tri- and tetra-substituted calix[4]arene derivatives bearing pyridinium units. <i>Tetrahedron</i> , 2007, 63, 6861-6865.	1.9	34
13	Synthesis and evaluation of extraction ability of calix[4]-crown-6 cone conformer and its oligomeric analogue. <i>Reactive and Functional Polymers</i> , 2004, 58, 27-34.	4.1	32
14	Immobilization of calix[6]arene bearing carboxylic acid and amide groups on aminopropyl silica gel and its sorption properties for Cr(VI). <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 61, 53-60.	1.6	32
15	Selective chiral recognition of alanine enantiomers by chiral calix[4]arene coated quartz crystal microbalance sensors. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2675-2685.	3.7	32
16	A Calix[4]arene Derived Dibenzonitrile Receptor Modified at Its "Lower Rim" by a Polymerizable Group. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2004, 41, 811-825.	2.2	31
17	Sensing abilities of functionalized calix[4]arene coated QCM sensors towards volatile organic compounds in aqueous media. <i>Applied Surface Science</i> , 2017, 412, 238-251.	6.1	31
18	Title is missing!. <i>Journal of Polymers and the Environment</i> , 2001, 9, 97-101.	5.0	30

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19	Removal of lindane from an aqueous solution by using aminopropyl silica gel-immobilized calix[6]arene. <i>Journal of Hazardous Materials</i> , 2013, 262, 656-663.	12.4	28
20	Oligomeric calix[4]arene-thiacrown ether for toxic heavy metals. <i>Journal of Polymer Science Part A</i> , 2004, 42, 186-193.	2.3	27
21	A Calix[4]arene-Containing Polysiloxane Resin for Removal of Heavy Metals and Dichromate Anion. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 57-69.	2.2	27
22	Design and Synthesis of New Chiral Calix[4]arenes as Liquid Phase Extraction Agents for $\hat{L}$ -Amino Acid Methyl esters and Chiral $\hat{L}$ -Amines. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 53, 51-56.	1.6	25
23	Synthesis of $\hat{p}$ -tert-butylcalix[4]arene Dinitrile Bonded Aminopropyl Silica and Investigating Its Usability as a Stationary Phase in HPLC. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 221-231.	2.2	25
24	Synthesis and binding properties of two polymeric thiacalix[4]arenes. <i>Reactive and Functional Polymers</i> , 2006, 66, 379-386.	4.1	22
25	A phenyl glycinol appended calix[4]arene film for chiral detection of ascorbic acid on gold surface. <i>Analytical Biochemistry</i> , 2019, 583, 113373.	2.4	22
26	High-Performance Adsorption of 4-Nitrophenol onto Calix[6]arene-Tethered Silica from Aqueous Solutions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4191-4202.	3.7	22
27	Rapid and real-time detection of arginine enantiomers by QCM sensor having a Calix[4]arene receptor bearing asymmetric centers. <i>Talanta</i> , 2019, 204, 172-181.	5.5	21
28	Synthesis and application of an efficient calix[4]arene-based anion receptor bearing imidazole groups for Cr(VI) anionic species. <i>Tetrahedron</i> , 2012, 68, 4182-4186.	1.9	20
29	Synthesis and chiral recognition abilities of new calix[6]arenes bearing amino alcohol moieties. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1258-1263.	1.8	19
30	New diamino derivatives of <i>p</i> -tert-butylcalix[4]arene for oxyanion recognition: synthesis and complexation studies. <i>Supramolecular Chemistry</i> , 2009, 21, 435-441.	1.2	19
31	QCM sensors coated with calix[4]arenes bearing sensitive chiral moieties for chiral discrimination of 1-phenylethylamine enantiomers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 35-48.	1.6	14
32	Capture and Release Recyclable Dimethylaminomethyl-Calixarene Functional Cloths for Point-of-Use Removal of Highly Toxic Chromium Water Pollutants. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 52136-52145.	8.0	9
33	Nano-scale selective and sensitive optical sensor for metronidazole based on fluorescence quenching: 1H-Phenanthro[9,10-d]imidazolyl-calix[4]arene fluorescent probe. <i>Analytica Chimica Acta</i> , 2021, 1162, 338494.	5.4	9
34	Calixarene-tethered textile fabric for the efficient removal of hexavalent chromium from polluted water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127045.	4.7	9
35	Synthesis and amino acid extraction abilities of chiral calix[4]arene triamides containing amino alcohol units. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 59, 197-202.	1.6	8
36	Removal of Dichromate Anions with Nanofiltration-Complexation by using Amino Calix[4]arene Derivative. <i>Separation Science and Technology</i> , 2007, 42, 3321-3331.	2.5	6

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37	Removal of Chromium Anions with Nanofiltration-Complexation by Using p-Sulfonated Calix[4]arene. <i>Supramolecular Chemistry</i> , 2008, 20, 587-591.	1.2	3
38	Synthesis and Characterization of PVA/Calix[4]arene Fibers. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 141-144.	1.9	3
39	KALİKSAREN TAYİNİ VE İYONİK MADDİLERİN MERRIFIELD REAKTİFİNE KAPLI QCM SENSÖRÜNDE SULU ORTAMDA 4-NİTROFENOL ALGILANMASI. <i>Konya Journal of Engineering Sciences</i> , 2019, 7, 595-603.	0.3	3
40	Fluorescence switchable sensor enabled by a calix[4]arene-Cu(II) complex system for selective determination of itraconazole in human serum and aqueous solution. <i>Talanta</i> , 2022, 250, 123742.	5.5	3