

Mustafa Tabakci

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,210
citations

279798

23
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361022

35
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41
all docs

41
docs citations

41
times ranked

843
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Capture and Release Recyclable Dimethylaminomethyl-Calixarene Functional Cloths for Point-of-Use Removal of Highly Toxic Chromium Water Pollutants. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52136-52145.	8.0	9
5	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
6	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
7	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
8	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
9	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
10	KALÄ°KSAREN TÄ°REVÄ° Ä°MMOBÄ°LÄ°ZE EDÄ°LMÄ°Åž MERRIFIELD REÄ±Ä°NESÄ° Ä°LE KAPLI QCM SENSÄ-RÄ°NDE SULLU ORTAMDA 4-NÄ°TROFENOL ALGILANMASI. <i>Konya Journal of Engineering Sciences</i> , 2019, 7, 595-603.	0.3	3
11	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
12	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
13	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
14	A highly selective fluorescent sensor based on calix[4]arene appended benzothiazole units for Cu ²⁺ , S ₂ Ä° and HSO ₄ Ä° ions in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 109-116.	7.8	77
15	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
16	Synthesis and Characterization of PVA/Calix[4]arene Fibers. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 141-144.	1.9	3
17	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
18	New diamino derivatives of <i>p</i> - <i>tert</i> -butylcalix[4]arene for oxyanion recognition: synthesis and complexation studies. <i>Supramolecular Chemistry</i> , 2009, 21, 435-441.	1.2	19

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19	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
20	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
21	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
22	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
23	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
24	Synthesis and extraction properties of new α -proton-switchable™ tri- and tetra-substituted calix[4]arene derivatives bearing pyridinium units. <i>Tetrahedron</i> , 2007, 63, 6861-6865.	1.9	34
25	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
26	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
27	Synthesis of 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
28	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
29	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
30	Synthesis and binding properties of two polymeric thiacalix[4]arenes. <i>Reactive and Functional Polymers</i> , 2006, 66, 379-386.	4.1	22
31	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
32	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
33	Design and Synthesis of New Chiral Calix[4]arenes as Liquid Phase Extraction Agents for $\hat{\pm}$ -Amino Acid Methyl esters and Chiral $\hat{\pm}$ -Amines. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 53, 51-56.	1.6	25
34	A Convenient Approach towards the Synthesis of a α -Proton Switchable™ Chromium(VI) Extractant Based on Calix[4]arene. <i>Supramolecular Chemistry</i> , 2004, 16, 199-204.	1.2	44
35	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
36	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

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37	A Calix[4]arene Derived Dibenzonitrile Receptor Modified at Its "Lower Rim" by a Polymerizable Group. Journal of Macromolecular Science - Pure and Applied Chemistry, 2004, 41, 811-825.	2.2	31
38	Polymer Supported Calix[4]Arene Derivatives for the Extraction of Metals and Dichromate Anions. Journal of Polymers and the Environment, 2003, 11, 67-74.	5.0	67
39	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2003, 45, 267-270.	1.6	67
40	Title is missing!. Journal of Polymers and the Environment, 2001, 9, 97-101.	5.0	30