

Mustafa Yılmaz

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8571684/mustafa-yilmaz-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

263
papers

5,997
citations

41
h-index

55
g-index

275
ext. papers

6,377
ext. citations

4
avg, IF

6.11
L-index

#	Paper	IF	Citations
263	The extended clinical phenotype of 64 patients with dedicator of cytokinesis 8 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 402-12	11.5	130
262	Synthesis of beta-cyclodextrin and starch based polymers for sorption of azo dyes from aqueous solutions. <i>Bioresource Technology</i> , 2008 , 99, 526-31	11	118
261	Use of beta-cyclodextrin and starch based polymers for sorption of Congo red from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2007 , 148, 303-10	12.8	102
260	Removal efficiency of a calix[4]arene-based polymer for water-soluble carcinogenic direct azo dyes and aromatic amines. <i>Journal of Hazardous Materials</i> , 2009 , 162, 960-6	12.8	100
259	Removal of direct azo dyes and aromatic amines from aqueous solutions using two beta-cyclodextrin-based polymers. <i>Journal of Hazardous Materials</i> , 2010 , 174, 592-7	12.8	90
258	LIQUID-LIQUID EXTRACTION OF TRANSITION METAL CATIONS BY CALIXARENE-BASED CYCLIC LIGANDS. <i>Solvent Extraction and Ion Exchange</i> , 1995 , 13, 19-26	2.5	86
257	Removal of azo dyes from aqueous solutions using calix[4]arene and β -cyclodextrin. <i>Dyes and Pigments</i> , 2007 , 74, 54-59	4.6	79
256	Immobilization of <i>Candida rugosa</i> lipase on glass beads for enantioselective hydrolysis of racemic naproxen methyl ester. <i>Bioresource Technology</i> , 2011 , 102, 499-506	11	77
255	Synthesis and study of allosteric effects on extraction behavior of novel calixarene-based dichromate anion receptors. <i>Tetrahedron</i> , 2002 , 58, 7735-7740	2.4	77
254	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, 331-8	12.8	67
253	Synthesis and Extraction Studies of a Versatile Calix[4]arene-Based Proton-Switchable Extractant□ for Toxic Metals and Dichromate Anions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003 , 45, 267-270		65
252	Estimation of chromium(VI) sorption efficiency of novel regenerable p-tert-butylcalix[8]areneoctamide impregnated Amberlite resin. <i>Journal of Hazardous Materials</i> , 2009 , 164, 675-82	12.8	62
251	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	4.5	62
250	Remediation and Liquid-Liquid Phase Transfer Extraction of Chromium(VI). A Review. <i>Collection of Czechoslovak Chemical Communications</i> , 2004 , 69, 1231-1250		61
249	Selective complexation of Na ⁺ by polymeric calix[4]arene tetraesters. <i>Journal of Polymer Science Part A</i> , 1995 , 33, 2851-2853	2.5	59
248	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	4.6	58
247	Hydrogen ion-selective poly(vinyl chloride) membrane electrode based on a p-tert-butylcalix[4]arene-oxacrown-4. <i>Talanta</i> , 2004 , 62, 123-9	6.2	58

246	Synthesis of polymer-supported calix[4]arenes and selective extraction of Fe ³⁺ . <i>Reactive and Functional Polymers</i> , 1996 , 31, 81-88	4.6	56
245	Synthesis of new chiral calix[4]arene diamide derivatives for liquid phase extraction of amino acid methylesters. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 1514-1520		55
244	Immobilization of <i>Candida rugosa</i> lipase on magnetic sol-gel composite supports for enzymatic resolution of (R,S)-Naproxen methyl ester. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 69, 35-41		53
243	Chiral calix[4]azacrowns for enantiomeric recognition of amino acid derivatives. <i>Tetrahedron</i> , 2009 , 65, 3014-3018	2.4	53
242	Selective extraction of Fe ³⁺ by a polymeric calix[4]arene. <i>Journal of Polymer Science Part A</i> , 1994 , 32, 2961-2964	2.5	53
241	Comparative Studies on Phenolic Composition, Antioxidant, Wound Healing and Cytotoxic Activities of Selected <i>Achillea L.</i> Species Growing in Turkey. <i>Molecules</i> , 2015 , 20, 17976-8000	4.8	52
240	A useful approach toward the synthesis and metal extractions with polymer appended thioalkyl calix[4]arenes. <i>Polymer</i> , 2005 , 46, 1553-1560	3.9	52
239	Immobilization of <i>Candida rugosa</i> lipase on sporopollenin from <i>Lycopodium clavatum</i> . <i>International Journal of Biological Macromolecules</i> , 2009 , 45, 315-20	7.9	51
238	Calixarene-based chiral phase-transfer catalysts derived from cinchona alkaloids for enantioselective synthesis of amino acids. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 618-623		51
237	A complimentary study of calixarene based bifunctional receptors for alkali or transition metal cations and Cr ₂ O ₇ ²⁻ anions. <i>Journal of Molecular Structure</i> , 2001 , 595, 101-109	3.4	51
236	Synthesis of di-substituted calix[4]arene-based receptors for extraction of chromate and arsenate anions. <i>Tetrahedron</i> , 2009 , 65, 7963-7968	2.4	49
235	Improvement of catalytic properties of <i>Candida rugosa</i> lipase by sol-gel encapsulation in the presence of magnetic calix[4]arene nanoparticles. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 4021-4	3.9	48
234	Synthesis and fluorescence sensing properties of novel pyrene-armed calix[4]arene derivatives. <i>Tetrahedron</i> , 2011 , 67, 3501-3508	2.4	48
233	Synthesis and evaluation of chromate and arsenate anions extraction ability of a N-methylglucamine derivative of calix[4]arene immobilized onto magnetic nanoparticles. <i>Journal of Hazardous Materials</i> , 2010 , 178, 312-9	12.8	48
232	Transport of Hg ²⁺ through bulk liquid membrane using a bis-calix[4]arene nitrile derivative as carrier: kinetic analysis. <i>New Journal of Chemistry</i> , 2002 , 26, 477-480	3.6	48
231	Synthesis of chiral calix[4]arenes bearing aminonaphthol moieties and their use in the enantiomeric recognition of carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 571-80	3.9	46
230	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, 428-35	12.8	45
229	Synthesis and complexation studies of 1,3-dialkylated p-tert-butylcalix[4]arene telomers. <i>Reactive and Functional Polymers</i> , 2000 , 44, 227-233	4.6	45

228	Improvement of catalytic activity of lipase from <i>Candida rugosa</i> via sol-gel encapsulation in the presence of calix(aza)crown. <i>Bioresource Technology</i> , 2011 , 102, 4313-8	11	44
227	Using of hydrogen ion-selective poly(vinyl chloride) membrane electrode based on calix[4]arene as thiocyanate ion-selective electrode. <i>Sensors and Actuators B: Chemical</i> , 2006 , 113, 290-296	8.5	44
226	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	1.8	44
225	Synthesis of Polymeric Calix[4]arene Dinitrile and Diamino-Derivatives: Exploration of Their Extraction Properties Towards Dichromate Anion. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2004 , 41, 433-447	2.2	44
224	Kinetic analysis of chromium(VI) ions transport through a bulk liquid membrane containing p-tert-butylcalix[4]arene dioxaoctylamide derivative. <i>Separation and Purification Technology</i> , 2008 , 59, 1-8	8.3	43
223	Synthesis and dichromate anion extraction ability of p-tert-butylcalix[4]arene diamide derivatives with different binding sites. <i>Tetrahedron</i> , 2007 , 63, 5000-5005	2.4	42
222	Synthesis of N-methylglucamine functionalized calix[4]arene based magnetic sporopollenin for the removal of boron from aqueous environment. <i>Desalination</i> , 2013 , 310, 67-74	10.3	41
221	Selective Complexation of Hg ²⁺ by Biscalix[4]arene Nitriles. <i>Separation Science and Technology</i> , 2000 , 35, 1247-1256	2.5	41
220	Syntheses of two diamine substituted 1,3-distal calix[4]arene-based magnetite nanoparticles for extraction of dichromate, arsenate and uranyl ions. <i>Tetrahedron</i> , 2011 , 67, 3743-3753	2.4	40
219	Synthesis of A New Calixarene Derivative and Its Immobilization Onto Magnetic Nanoparticle Surfaces for Excellent Extractants Toward Cr(VI), As(V), and U(VI). <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2020-2029	2.8	38
218	Enantioselective hydrolysis of racemic naproxen methyl ester with sol-gel encapsulated lipase in the presence of sporopollenin. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 62, 162-168		38
217	Synthesis of two calix[4]arene diamide derivatives for extraction of chromium(VI). <i>Tetrahedron</i> , 2005 , 61, 10443-10448	2.4	38
216	Silver(I)-Selective PVC Membrane Potentiometric Sensor Based on a Recently Synthesized Calix[4]arene. <i>Electroanalysis</i> , 2006 , 18, 1019-1027	3	37
215	Syntheses and binding properties of polymeric calix[4]crown-4. <i>Reactive and Functional Polymers</i> , 2001 , 47, 165-174	4.6	37
214	Calixarene-proline functionalized iron oxide magnetite nanoparticles (Calix-Pro-MN): An efficient recyclable organocatalyst for asymmetric aldol reaction in water. <i>Applied Catalysis A: General</i> , 2015 , 499, 205-212	5.1	36
213	Synthesis and dichromate anion sorption of silica gel-immobilized calix[4]arenes. <i>Journal of Hazardous Materials</i> , 2009 , 165, 974-9	12.8	36
212	Enantioselective hydrolysis of (R/S)-Naproxen methyl ester with sol-gel encapsulated lipase in presence of calix[n]arene derivatives. <i>Applied Catalysis A: General</i> , 2009 , 369, 36-41	5.1	36
211	Evaluation of the performance of calix[8]arene derivatives as liquid phase extraction material for the removal of azo dyes. <i>Journal of Hazardous Materials</i> , 2008 , 158, 202-7	12.8	36

210	Synthesis and binding properties of polymeric calix[4]arene nitriles. <i>Reactive and Functional Polymers</i> , 2002 , 50, 77-84	4.6	36
209	Calix[4]arene derivatives as dopamine hosts in electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2015 , 218, 111-121	8.5	35
208	Synthesis and characterization of cyclodextrin-based polymers as a support for immobilization of <i>Candida rugosa</i> lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 57, 109-114		35
207	Improving catalytic hydrolysis reaction efficiency of sol-gel-encapsulated <i>Candida rugosa</i> lipase with magnetic cyclodextrin nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 113, 182-9	6	34
206	A Calix[4]arene Oligomer and Two Beta-cyclodextrin Polymers: Synthesis and Sorption Studies of Azo Dyes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007 , 44, 167-173	2.2	34
205	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	2.4	34
204	Synthesis and binding properties of calix[4]arene telomers. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 4351-4355	2.5	34
203	Humidity adsorption kinetics of water soluble calix[4]arene derivatives measured using QCM technique. <i>Sensors and Actuators B: Chemical</i> , 2010 , 145, 93-97	8.5	33
202	Selective Extraction of Fe ³⁺ Cation by Calixarene-Based Cyclic Ligands. <i>Separation Science and Technology</i> , 1996 , 31, 2395-2402	2.5	33
201	Magnetizing Calixarene: Azo Dye Removal from Aqueous Media by Fe ₃ O ₄ Nanoparticles Fabricated with Carboxylic-Substituted Calix[4]arene. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 2819-2825	2.8	32
200	Amino alcohol based chiral solvating agents: synthesis and applications in the NMR enantiodiscrimination of carboxylic acids. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 541-549		32
199	Enzyme immobilization in biosensor constructions: self-assembled monolayers of calixarenes containing thiols. <i>RSC Advances</i> , 2014 , 4, 19900-19907	3.7	31
198	Humidity adsorption kinetics of calix[4]arene derivatives measured using QCM technique. <i>Talanta</i> , 2010 , 81, 248-51	6.2	31
197	Immobilization of Cyclic Alkylamine Calix[4]arene Derivatives on Merrifield Resin: Evaluation of Extraction Ability Toward Dichromate. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006 , 43, 477-486	2.2	31
196	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
195	New water soluble Hg selective fluorescent calix[4]arenes: Synthesis and application in living cells imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 171, 340-345	4.4	30
194	Synthesis of two new p-tert-butylcalix[4]arene ketoimin derivatives for extraction of dichromate anion. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 63, 241-247		30
193	Preparation and application of calix[4]arene-grafted magnetite nanoparticles for removal of dichromate anions. <i>Materials Science and Engineering C</i> , 2009 , 29, 2378-2383	8.3	30

192	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, 6642-5	11	30
191	Enhanced catalysis and enantioselective resolution of racemic naproxen methyl ester by lipase encapsulated within iron oxide nanoparticles coated with calix[8]arene valeric acid complexes. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 6634-42	3.9	29
190	Synthesis of calix[4]arene bearing pyridinium units supported silica gel for sorption of arsenate and dichromate anions. <i>Desalination</i> , 2010 , 262, 99-105	10.3	29
189	Removal of Carcinogenic Direct Azo Dyes from Aqueous Solutions Using Calix[n]arene Derivatives. <i>Clean - Soil, Air, Water</i> , 2007 , 35, 612-616	1.6	29
188	Enantiomeric recognition of amino acid derivatives by chiral schiff bases of calix[4]arene. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 900-905		29
187	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	4.6	29
186	Synthesis of alkyl nitrile and alkyl benzonitrile derivatives of calix[4]arene and their polymer supported analogues: A comparative study in two-phase extraction systems. <i>Reactive and Functional Polymers</i> , 2005 , 63, 1-9	4.6	29
185	Synthesis of Oligomeric Calix[4]arene-Crowns as Novel Ionophores for Alkali and Transition Metals. <i>Polycyclic Aromatic Compounds</i> , 2002 , 22, 1075-1086	1.3	29
184	Synthesis and fluorescence sensing properties of a new naphthalimide derivative of calix[4]arene. <i>Tetrahedron Letters</i> , 2012 , 53, 2319-2324	2	28
183	Synthesis and Extraction Study of Calix[4]arene Dinitrile Derivatives Incorporated in a Polymeric Backbone with Bisphenol-A. <i>Journal of Polymers and the Environment</i> , 2001 , 9, 97-101	4.5	28
182	Two novel calixarene functionalized iron oxide magnetite nanoparticles as a platform for magnetic separation in the liquid-liquid/solid-liquid extraction of oxyanions. <i>Materials Science and Engineering C</i> , 2013 , 33, 2433-9	8.3	27
181	Preparation of a new 1,3-alternate-calix[4]arene-bonded HPLC stationary phase for the separation of phenols, aromatic amines and drugs. <i>Talanta</i> , 2010 , 82, 1240-6	6.2	27
180	Removal of chromate and phosphate anion from aqueous solutions using calix[4]aren receptors containing proton switchable units. <i>Journal of Hazardous Materials</i> , 2010 , 181, 1059-65	12.8	27
179	Chiral Schiff base derivatives of calix[4]arene: synthesis and complexation studies with chiral and achiral amines. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 2322-2327		27
178	Liquid-Liquid Extraction of Alkali and Transition Metal Cations by Two Biscalix[4]arenes. <i>Separation Science and Technology</i> , 2000 , 35, 457-467	2.5	27
177	A novel colorimetric/fluorometric dual-channel sensor based on phenolphthalein and Bodipy for Sn (II) and Al (III) ions in half-aqueous medium and its applications in bioimaging. <i>Dyes and Pigments</i> , 2020 , 176, 108221	4.6	26
176	Transportation of Poorly Soluble Drug Molecules from the Organic Phase to the Aqueous Phase by Using Phosphorylated Calixarenes. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4473-4479	2.8	26
175	Synthesis of Calix(aza)crown and its Oligomeric Analogue for the Extraction of Selected Metal Cations and Dichromate Anions. <i>Clean - Soil, Air, Water</i> , 2009 , 37, 109-114	1.6	26

174	Oligomeric calix[4]arene-thiacrown ether for toxic heavy metals. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 186-193	2.5	26
173	Synthesis of an oligomer-supported calix[4]arene and selective extraction of Li+. <i>Reactive and Functional Polymers</i> , 1999 , 40, 129-133	4.6	26
172	Improvement of catalytic activity of <i>Candida rugosa</i> lipase in the presence of calix[4]arene bearing iminodicarboxylic/phosphonic acid complexes modified iron oxide nanoparticles. <i>Bioorganic Chemistry</i> , 2016 , 65, 1-8	5.1	25
171	Brønsted acidic magnetic nano-Fe ₃ O ₄ -adorned calix[n]arene sulfonic acids: synthesis and application in the nucleophilic substitution of alcohols. <i>Tetrahedron</i> , 2014 , 70, 6669-6676	2.4	25
170	Direct enantioselective aldol reactions catalyzed by calix[4]arene-based l-proline derivatives in the water. <i>Tetrahedron</i> , 2014 , 70, 4471-4477	2.4	25
169	Synthesis and oxoanions (dichromate/arsenate) sorption study of N-methylglucamine derivative of calix[4]arene immobilized onto poly[(phenyl glycidyl ether)-co-formaldehyde]. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010 , 67, 385-391		25
168	Hydrogen ion-selective poly(vinyl chloride) membrane electrode based on a calix[4]arene. <i>Analytical Sciences</i> , 2003 , 19, 217-21	1.7	25
167	Phase Solubility Studies of Poorly Soluble Drug Molecules by Using O-Phosphorylated Calixarenes as Drug-Solubilizing Agents. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 233-239	2.8	24
166	Synthesis of calix[n]arene-based silica polymers for lipase immobilization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 58, 29-35		24
165	Chiral mono and diamide derivatives of calix[4]arene for enantiomeric recognition of chiral amines. <i>Chirality</i> , 2008 , 20, 26-34	2.1	24
164	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	24
163	Kinetics of Mercury(II) Transport Through a Bulk Liquid Membrane Containing Calix[4]arene Derivatives as Carrier. <i>Separation Science and Technology</i> , 2003 , 38, 1649-1664	2.5	24
162	SYNTHESIS AND COMPARATIVE COMPLEXATION STUDIES OF SCHIFF BASE DERIVATIVES OF p-TERT BUTYLCALIX[4]ARENE COPOLYMERS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2000 , 37, 865-879	2.2	24
161	Low-cost and environmentally sensitive fluorescent cellulose paper for naked-eye detection of Fe(III) in aqueous media. <i>Dyes and Pigments</i> , 2020 , 173, 107974	4.6	24
160	Upper rim-functionalized calix[4]arene-based l-proline as organocatalyst for direct asymmetric aldol reactions in water and organic media. <i>Tetrahedron</i> , 2014 , 70, 9307-9313	2.4	23
159	Extraction of carcinogenic aromatic amines from aqueous solution using calix[n]arene derivatives as carrier. <i>Journal of Hazardous Materials</i> , 2009 , 168, 1170-6	12.8	23
158	Design and Synthesis of New Chiral Calix[4]arenes as Liquid Phase Extraction Agents for α -Amino Acid Methyl esters and Chiral β -Amines. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005 , 53, 51-56		23
157	Kinetic Study of Hg(II) Transport Through a Bulk Liquid Membrane Containing Ester Derivative of bis-Calix[4]arene. <i>Separation Science and Technology</i> , 2005 , 39, 2189-2206	2.5	23

156	White Blood Cell Subtypes and Neutrophil-Lymphocyte Ratio in Prediction of Coronary Thrombus Formation in Non-ST-Segment Elevated Acute Coronary Syndrome. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2015 , 21, 446-52	3.3	22
155	Calix[4]arene derivative bearing imidazole groups as carrier for the transport of palladium by using bulk liquid membrane. <i>Journal of Hazardous Materials</i> , 2012 , 223-224, 24-30	12.8	22
154	Novel Water-Soluble Calix[4,6]arene Appended Magnetic Nanoparticles for the Removal of the Carcinogenic Aromatic Amines. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 4129-4139	2.6	22
153	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	22
152	Synthesis and chiral recognition properties of two novel chiral calix[4]arene tartaric ester derivatives. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 1963-1968		22
151	Transport Kinetics of Hg ²⁺ Through Bulk Liquid Membrane Using Calix[4]arene Ketone Derivative as Carrier. <i>Separation Science and Technology</i> , 2005 , 39, 799-810	2.5	22
150	Transport of metals through a liquid membrane containing calix[4]arene derivatives as carrier. <i>Separation Science and Technology</i> , 2002 , 37, 2201-2215	2.5	22
149	BISCALIXARENES: SYNTHESIS AND INVESTIGATION OF THE EXTRACTION BEHAVIOR OF BISCALIX[4]ARENE DERIVATIVES IN A TWO-PHASE EXTRACTION SYSTEM. <i>Separation Science and Technology</i> , 2001 , 36, 473-486	2.5	22
148	The synthesis of new calix[n]arene quaternary ammonium salts and investigation of their catalytic affinities for three component Mannich-type reactions in water. <i>RSC Advances</i> , 2014 , 4, 2219-2225	3.7	21
147	Removal of Carcinogenic Azo Dyes from Water by New Cyclodextrin-Immobilized Iron Oxide Magnetic Nanoparticles. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	21
146	Pretreatment of <i>Candida rugosa</i> lipase with soybean oil before immobilization on beta-cyclodextrin-based polymer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 69, 58-62	6	21
145	Construction of an anion-selective electrode: Dichromate-selective electrode. <i>Sensors and Actuators B: Chemical</i> , 2007 , 127, 497-504	8.5	21
144	Synthesis and binding properties of two polymeric thiacalix[4]arenes. <i>Reactive and Functional Polymers</i> , 2006 , 66, 379-386	4.6	21
143	New water soluble p-sulphonatocalix[4]arene chemosensor appended with rhodamine for selective detection of Hg ²⁺ ion. <i>Journal of Molecular Structure</i> , 2020 , 1203, 127436	3.4	21
142	Inclusion of Quercetin in Gold Nanoparticles Decorated with Supramolecular Hosts Amplifies Its Tumor Targeting Properties.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2715-2725	4.1	20
141	Synthesis and Metal Ion Recognition Properties of a Novel Chiral Calix[4](azoxa)crown-7. <i>Supramolecular Chemistry</i> , 2005 , 17, 251-256	1.8	20
140	On/Off Rhodamine-BODIPY-Based Fluorimetric/Colorimetric Sensor for Detection of Mercury (II) in Half-Aqueous Medium. <i>IEEE Sensors Journal</i> , 2019 , 19, 2009-2015	4	20
139	Removal of phosphate and nitrate ions aqueous using strontium magnetic graphene oxide nanocomposite: Isotherms, kinetics, and thermodynamics studies. <i>Environmental Progress and Sustainable Energy</i> , 2020 , 39, e13332	2.5	20

138	One-pot synthesis of Fe ₃ O ₄ @Chitosan-pSDCalix hybrid nanomaterial for the detection and removal of Hg ²⁺ ion from aqueous media. <i>Applied Surface Science</i> , 2018 , 434, 1217-1223	6.7	20
137	An excellent arsenic(V) sorption behavior of p-tert-butylcalix[8]areneoctamide impregnated resin. <i>Comptes Rendus Chimie</i> , 2010 , 13, 1416-1423	2.7	19
136	The synthesis and metal cation extraction studies of novel polymer-bound calix(aza)crowns. <i>Reactive and Functional Polymers</i> , 2008 , 68, 125-132	4.6	19
135	Synthesis and chiral recognition abilities of new calix[6]arenes bearing amino alcohol moieties. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 1258-1263		19
134	Transport of Hg ²⁺ ions across a Supported Liquid Membrane Containing Calix[4]arene Nitrile Derivatives as a Specific Ion Carrier. <i>Separation Science and Technology</i> , 2005 , 40, 2365-2372	2.5	19
133	Effect of Fe doping on the CO gas sensing of functional calixarene molecules measured with quartz crystal microbalance technique. <i>Sensors and Actuators B: Chemical</i> , 2015 , 215, 464-470	8.5	18
132	Chiral calix[4]arenes bearing amino alcohol functionality as membrane carriers for transport of chiral amino acid methyl esters and mandelic acid. <i>Chirality</i> , 2012 , 24, 129-36	2.1	18
131	Solubilizing effect of the p-phosphonate calix[n]arenes towards poorly soluble drug molecules such as nifedipine, niclosamide and furosemide. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 74, 415-423		18
130	Facilitated Transport of Cr(VI) through Polymer Inclusion Membrane System Containing Calix[4]arene Derivative as Carrier Agent. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013 , 50, 1013-1021	2.2	18
129	SYNTHESIS AND COMPLEXATION STUDIES OF p-TERT-BUTYLCALIX[4]CROWN TELOMERS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2001 , 38, 173-184	2.2	18
128	Calixarenes in Lipase Biocatalysis and Cancer Therapy. <i>Current Organic Chemistry</i> , 2016 , 20, 1043-1057	1.7	18
127	Synthesis and evaluation of the antitumor activity of Calix[4]arene l-proline derivatives. <i>Bioorganic Chemistry</i> , 2020 , 94, 103207	5.1	18
126	Surface Modification of Sporopollenin with Calixarene Derivative. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 2623-2632	2.6	17
125	Synthesis of Flavin-Calix[4]arene Conjugate Derivatives. <i>Helvetica Chimica Acta</i> , 2011 , 94, 481-486	2	17
124	Synthesis of new chiral calix[4]azacrowns for enantiomeric recognition of carboxylic acids. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 2020-2025		17
123	Immobilization of novel the semicarbazone derivatives of calix[4]arene onto magnetite nanoparticles for removal of Cr(VI) ion. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 73, 449-458		16
122	Chiral calix[4]arenes bearing aminonaphthol moieties as membrane carriers for amino acid methyl esters and mandelic acid. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 791-796		16
121	Preparation and uranyl ion extraction studies of calix[4]arene-based magnetite nanoparticles. <i>Desalination</i> , 2011 , 276, 328-335	10.3	16

120	Immobilization of Two Azacrown Ethers on Chitosan: Evaluation of Selective Extraction Ability Toward Cu(II) and Ni(II). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009 , 46, 745-750 ^{2,2}	16
119	Kinetic study of mercury (II) transport through a liquid membrane containing calix[4]arene nitrile derivatives as a carrier in chloroform. <i>Desalination</i> , 2010 , 261, 157-161	10.3 16
118	Polymer Supported Calix[4]arene Schiff Bases: A Novel Chelating Resin for Hg ²⁺ and Dichromate Anions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005 , 42, 691-704	2.2 16
117	A New Piperidine Derivatized-Schiff Base Based "Turn-on" CuChemo-Sensor. <i>Journal of Fluorescence</i> , 2017 , 27, 791-797	2.4 15
116	Enantioselective sorption of some chiral carboxylic acids by various cyclodextrin-grafted iron oxide magnetic nanoparticles. <i>Tetrahedron: Asymmetry</i> , 2013 , 24, 982-989	15
115	Synthesis of Amino-Substituted p-tert-Butylcalix[4]arene for the Removal of Chicago Sky Blue and Tropaeolin 000 Azo Dyes from Aqueous Environment. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6 15
114	Dual Fluorescence Response of Newly Synthesized Naphthalene Appended Calix[4]arene Derivative towards Cu and I. <i>Journal of Fluorescence</i> , 2017 , 27, 263-270	2.4 15
113	AN EXCELLENT APPROACH TOWARDS THE DESIGNING OF A SCHIFF-BASE TYPE OLIGOCALIX[4]ARENE, SELECTIVE for THE TOXIC METAL IONS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2002 , 39, 63-73	2.2 15
112	Preparation of the ferrocene-substituted 1,3-distal p-tert-butylcalix[4]arene based QCM sensors array and utilization of its gas-sensing affinities. <i>Journal of Organometallic Chemistry</i> , 2014 , 771, 9-13	2.3 14
111	Synthesis of calix[4]arene alkylamine derivatives as new phase-transfer catalysts for esterification reaction. <i>Tetrahedron</i> , 2011 , 67, 6240-6245	2.4 14
110	Synthesis and characterization of a novel chiral chromogenic calix[4](azoxa)crown-7. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 3595-3600	14
109	Synthesis of calix[4]azacrown substituted sulphonamides with antioxidant, acetylcholinesterase, butyrylcholinesterase, tyrosinase and carbonic anhydrase inhibitory action. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 1215-1223	5.6 13
108	Anion Extraction Properties of a New Proton-Switchable Terpyridin-Conjugated Calix[4]arene. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 2396-2402	3.9 13
107	Synthesis of 1,3-(distal) Diamide Substituted Calix[4]arene Based Receptors for Extraction of Chromium (VI). <i>Supramolecular Chemistry</i> , 2007 , 19, 159-165	1.8 13
106	Synthesis and Ion Binding Properties of a p-Keto-oxime and a vic-Dioxime Derivative of Calix[6]arene. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1996 , 26, 943-953	13
105	Synthesis of environmentally friendly, efficient and highly recyclable Lewis acid-type calix[4]arene catalysts containing flexible or bulky groups for the Mannich reaction. <i>RSC Advances</i> , 2017 , 7, 10748-10756	2.7 12
104	Enantioselective resolution of racemic flurbiprofen methyl ester by lipase encapsulated mercapto calix[4]arenes capped FeO nanoparticles. <i>Bioprocess and Biosystems Engineering</i> , 2017 , 40, 1189-1196	3.7 12
103	L-proline derivatives based on a calix[4]arene scaffold as chiral organocatalysts for the direct asymmetric aldol reaction in water. <i>Supramolecular Chemistry</i> , 2016 , 28, 351-359	1.8 12

102	Calix[n]arene carboxylic acid derivatives as regulators of enzymatic reactions: enhanced enantioselectivity in lipase-catalyzed hydrolysis of (R/S)-naproxen methyl ester. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 172, 509-23	3.2	12
101	New Amperometric Cholesterol Biosensors Using Poly(ethyleneoxide) Conducting Polymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013 , 50, 1075-1084	2.2	12
100	Facilitated Supported Liquid Membrane Transport of Hg ²⁺ Using Calix[4]arene Derivatives. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007 , 44, 17-20	2.2	12
99	Synthesis of Calix[4]arene Mono and Diamide Derivatives and Selective Complexation of Alkali and Alkaline Earth Cations. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007 , 44, 159-165 ^{2,2}	2.2	12
98	Synthesis and evaluation of fluorescence properties of Cu ²⁺ selective azocalix[4]arenes and their application in living cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2016 , 234, 345-352	8.5	12
97	Calixarenes in Organo and Biomimetic Catalysis 2016 , 719-742		11
96	Sodium Complexes of Two Polymeric Calix[4]arene Tetraesters. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1996 , 26, 285-292		11
95	Synthesis and Metal Complexation of Avic-Dioxime Derivative of Calix [6] Arene. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1993 , 23, 67-75		11
94	Encapsulation of lipase using magnetic fluorescent calix[4]arene derivatives; improvement of enzyme activity and stability. <i>International Journal of Biological Macromolecules</i> , 2019 , 133, 1042-1050	7.9	10
93	Synthesis and investigation of catalytic affinities of water-soluble amphiphilic calix[n]arene surfactants in the coupling reaction of some heteroaromatic compounds. <i>Tetrahedron</i> , 2016 , 72, 6528-6535 ^{2,4}	2.4	10
92	The thrombotic events in polycythemia vera patients may be related to increased oxidative stress. <i>Medical Principles and Practice</i> , 2014 , 23, 253-8	2.1	10
91	Novel calix[4]arene-based polymeric catalysts as acyltransferase enzyme mimics. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 1012-1019	2.9	10
90	An efficient calix[4]arene appended resin for the removal of arsenic. <i>Desalination</i> , 2011 , 278, 98-104	10.3	10
89	Immobilized copper-ion affinity adsorbent based on a cross-linked βcyclodextrin polymer for adsorption of <i>Candida rugosa</i> lipase. <i>Biocatalysis and Biotransformation</i> , 2009 , 27, 360-366	2.5	10
88	Development of a pH sensing membrane electrode based on a new calix[4]arene derivative. <i>Talanta</i> , 2015 , 132, 669-75	6.2	9
87	Catalytic effect of calix[n]arene based sol-gel encapsulated or covalent immobilized lipases on enantioselective hydrolysis of (R/S)-naproxen methyl ester. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 72, 189-196		9
86	Novel Calix[4]arene-based Amberlite XAD-4 Modified Resin for As(III) Removal from Water. <i>Clean - Soil, Air, Water</i> , 2013 , 41, 258-266	1.6	9
85	Preparation of calix[4]arene-based sporopollenin and examination of its dichromate sorption ability. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013 , 75, 111-118		9

84	Improvement of catalytic activity of lipase in the presence of calix[4]arene valeric acid or hydrazine derivative. <i>Bioprocess and Biosystems Engineering</i> , 2015 , 38, 595-604	3.7	9
83	Synthesis of new water-soluble phosphonate calixazacrowns and their use as drug solubilizing agents. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 74, 293-303		9
82	Effect of the glutaraldehyde derivatives of Calix[n]arene as cross-linker reagents on lipase immobilization. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 64, 273-282		9
81	Studies on Compounds of Uranium(M) with Two vic Dioxime Derivatives of Gilixi[4]Arene. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1998 , 28, 851-861		9
80	Formation of the inclusion complex of water soluble fluorescent calix[4]arene and naringenin: solubility, cytotoxic effect and molecular modeling studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 3801-3813	3.6	9
79	Preparation and Application of Calix[4]arene Derivatives Bearing Pyridinium Units-Grafted Magnetite Nanoparticles for Removal of Dichromate and Arsenate Anions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011 , 48, 365-372	2.2	8
78	Synthesis of Chiral Calix[4]arene Derivative and Evaluation of its Recognition Properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009 , 47, 20-25	2.2	8
77	Synthesis and Metal Complexation of Two vic-Dioxime Derivatives of Calix[4]Arenes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1997 , 27, 391-400		8
76	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		8
75	Study on the Transport Kinetics of Hg ²⁺ Through Calix-Oligomer Bulk Liquid Membrane. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005 , 42, 577-586	2.2	8
74	Ion sensing of sister sensors based-on calix[4]arene in aqueous medium and their bioimaging applications. <i>Dyes and Pigments</i> , 2021 , 184, 108741	4.6	8
73	Chiral Calix[4]arenes-Bearing Prolinamide Functionality as Organocatalyst for Asymmetric Direct Aldol Reactions in Water. <i>Polycyclic Aromatic Compounds</i> , 2018 , 38, 168-179	1.3	7
72	Adsorption of phenols from contaminated water through titania-silica mixed imidazolium based ionic liquid: Equilibrium, kinetic and thermodynamic modeling studies. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016 , 53, 619-628	2.2	7
71	Synthesis of novel silica gel immobilized-calix[4]arene amide ionophores and their anion binding abilities toward phosphate and chromate anions. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 3831-3839	2.9	7
70	Gold Electrodes Modified with Calix[4]arene for Electrochemical Determination of Dopamine in the Presence of Selected Neurotransmitters. <i>Sensors</i> , 2017 , 17,	3.8	7
69	Salicylate Ion-Selective Electrode Based on a Calix[4]arene as Ionophore. <i>Electroanalysis</i> , 2015 , 27, 1676-1684	3.684	7
68	Bis-Schiff Base Derivatives of 2,5-Dihydroxybenzaldehyde: Synthesis, Characterization and Antimicrobial Activity of Their Cu(II), Co(II) and Zn(II) Complexes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013 , 50, 821-827	2.2	7
67	Microwave Assisted Synthesis of Chitosan Nanoparticles. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011 , 48, 776-779	2.2	7

66	Preparation and chromatographic performance of calix[4]crown-5 macrocycle-bonded silica stationary phase. <i>Journal of Separation Science</i> , 2011 , 34, 393-401	3.4	7
65	Removal of heavy metal ions from aqueous solution by azocalix[4]arene. <i>Desalination and Water Treatment</i> , 2011 , 26, 72-78		7
64	Kinetic Study of Hg ²⁺ Transport Through a Liquid Membrane Containing Calix[4]arene Dinitrile Oligomer as Carrier. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005 , 42, 1159-1168 ²⁻²		7
63	Synthesis and Characterisation of Complexes of Copper(II), Nickel(II) and Cobalt(II) with a Schiff Base Derivative of p-tert-Butylcalix[4]Arene. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1998 , 28, 1759-1768		7
62	Synthesis of New Substituted Calix[4]Arenes and Their Complexes with Iron(III). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1991 , 21, 1231-1241		7
61	Calix[4]arene tetracarboxylic acid-treated lipase immobilized onto metal-organic framework: Biocatalyst for ester hydrolysis and kinetic resolution. <i>International Journal of Biological Macromolecules</i> , 2021 , 175, 79-86	7.9	7
60	Enhancing Effect of Calix[4]arene Amide Derivatives on Lipase Performance in Enantioselective Hydrolysis of Racemic Arylpropionic Acid Methyl Esters. <i>Polycyclic Aromatic Compounds</i> , 2016 , 36, 613-627 ¹⁻³		6
59	Synthesis, FT-IR, FT-Raman, dispersive Raman and NMR spectroscopic study of a host molecule which potential applications in sensor devices. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 94, 126-33	4.4	6
58	Improvement of catalytic activity of lipase in the presence of wide rim substituted calix[4]arene carboxylic acid-grafted magnetic nanoparticles. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 79, 113-123	1.7	6
57	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
56	A Versatile Approach Toward Calix(aza)crown Oligomers: Synthesis and Metal Ion Extraction. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2003 , 40, 95-106	2.2	6
55	SOLVENT EXTRACTION OF METAL CATIONS BY CHEMICALLY MODIFIED BISCALIX[4]ARENES. <i>Separation Science and Technology</i> , 2001 , 36, 2785-2798	2.5	6
54	Calixarenes functionalised water-soluble iron oxide magnetite nanoparticles for enzyme immobilisation. <i>Supramolecular Chemistry</i> , 2020 , 32, 334-344	1.8	5
53	A new anthracene derivative of calix[4]arene as a fluorescent chemosensor. <i>Turkish Journal of Chemistry</i> , 2013 , 37, 832-839	1	5
52	Synthesis of a glutaraldehyde derivative of calix[4]arene as a cross-linker reagent for lipase immobilization. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 63, 123-129		5
51	Gelation of soybean oil with polybutadiene. <i>Journal of Applied Polymer Science</i> , 2005 , 96, 2240-2246	2.9	5
50	Changes in Coal Composition during Air Oxidation at Moderate Temperature. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1989 , 11, 273-278		5
49	Synthesis of Water-Soluble Calixarenes Catalyzed One-Pot Mannich-Type Reaction in Aqueous Media. <i>Polycyclic Aromatic Compounds</i> , 2016 , 36, 801-816	1.3	5

48	Surface coating of magnetite nanoparticles with fluorescence derivative for the detection of mercury in water environments. <i>Materials Letters</i> , 2020 , 267, 127548	3.3	4
47	A calix[4]arene derivative-doped perchlorate-selective membrane electrodes with/without multi-walled carbon nanotubes. <i>Ionics</i> , 2017 , 23, 917-927	2.7	4
46	ESR Characterization of Two Oxovanadium (IV) Schiff Base Complexes Derived from Tris(2-aminoethyl)amine. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012 , 49, 603-610	2.2	4
45	Calixarene-Based Receptors for Molecular Recognition. <i>Turkish Journal of Chemistry</i> , 2013 ,	1	4
44	Synthesis and Anion Binding Properties of Diamide Derivatives of p-tert-Butylcalix[4]arene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010 , 47, 225-229	2.2	4
43	Removal of Phosphate Anions From Aqueous Solutions by Using Macrocyclic Receptors-Based Polyether, Lactone and Lactam Derivatives. <i>Separation Science and Technology</i> , 2011 , 46, 625-630	2.5	4
42	OPPI BRIEFS SYNTHESIS AND EXTRACTION STUDIES OF A NOVEL TETRA-CALIX[4]ARENE. <i>Organic Preparations and Procedures International</i> , 2002 , 34, 417-424	1.1	4
41	A Calix[4]arene-tren modified electrode for determination of Lead ions in aqueous solution. <i>Organic Communications</i> , 2019 , 12, 160-168	1.4	4
40	Preparation of One-Pot Immobilized Lipase with Fe ₃ O ₄ Nanoparticles Into Metal-Organic Framework For Enantioselective Hydrolysis of (R,S)-Naproxen Methyl Ester. <i>ChemCatChem</i> , 2021 , 13, 3687-3694	5.2	4
39	A bi-modal, cellulose-based sensor for fluorometric detection of Fe(III) and antimicrobial studies of its silver-loaded form. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 35-44	7.9	4
38	A basket-type fluorescent sensor based calix[4]azacrown ether for multi-analytes: Practicability in living cells and real sample. <i>Microchemical Journal</i> , 2021 , 167, 106279	4.8	4
37	Synthesis of asymmetrical tridendate Schiff bases and metal complexes and investigation of anticarcinogen effects on human colon and cervical cancers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017 , 54, 288-300	2.2	3
36	Enantioselective hydrolysis of (R,S)-Naproxen methyl ester using <i>Candida rugosa</i> lipase with calix[4]arene derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015 , 81, 237-243	1.7	3
35	Sorption of Cu(II) onto silica gel immobilized calix[4]arene derivative with tripodal structure. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 72, 137-147		3
34	Synthesis and properties of calix[4]arene polymers containing amide groups: Exploration of their extraction properties towards dichromate and nitrite anions. <i>Macromolecular Research</i> , 2013 , 21, 1091-1096	1.9	3
33	Novel Triphenylamine Appended 1,3-Alternate-Calix[4]arenes: Synthesis and Characterization. <i>Synthetic Communications</i> , 2013 , 43, 1668-1675	1.7	3
32	Preparation of Calix[4]arene Alkylamine Derivatives by Mannich Reaction and use as Phase-Transfer Catalysts for Esterification Reaction. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012 , 49, 911-917	2.2	3
31	Synthesis and Comparison of Extraction Properties of p-tert-Butylcalix[n]arene Nitrile Derivatives for Selected Metals and Dichromate Anions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008 , 45, 440-444	2.2	3

30	Removal of Chromium Anions with Nanofiltration-Complexation by Using p-Sulfonated Calix[4]arene. <i>Supramolecular Chemistry</i> , 2008 , 20, 587-591	1.8	3
29	Synthesis of New Picolyamine Bearing Calix[8]arene Derivatives as Antiproliferative Agents for Colorectal Carcinoma. <i>ChemistrySelect</i> , 2020 , 5, 12250-12254	1.8	3
28	Synthesis and characterization of novel chiral calix[4]arene bearing (R)-(+)-1-phenylethylamine bonded silica particles. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 73, 141-150		2
27	Electrical Characterization of Interdigitated Humidity Sensors Based on CNT Modified Calixarene Molecules. <i>Acta Physica Polonica A</i> , 2013 , 123, 461-463	0.6	2
26	New Silver Ion-selective PVC Membrane and Coated-Graphite Electrodes based on a Novel Calix[4]arene Derivative. <i>Reviews in Analytical Chemistry</i> , 2009 , 28,	2.3	2
25	Evaluation of the Chromatographic Performance of di- and tri-amide Calix[4]arene Derivatives Bonded Silica Stationary Phases. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012 , 49, 1022-1029	2.2	2
24	Synthesis of Calix[4]arene-grafted Magnetite Nanoparticles and Evaluation of Their Arsenate as Well as Dichromate Removal Efficiency. <i>Clean - Soil, Air, Water</i> , 2010 , 38, n/a-n/a	1.6	2
23	Synthesis of a Calix[4]crown-6 Cone Conformer-Based Oligomer and its Metal Cation Extraction Abilities. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006 , 43, 637-645	2.2	2
22	Synthesis, Characterization and Investigation of Side Chain Length and/or Substituents Effect on the Liquid Crystal Properties of New Mesogens. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005 , 42, 1627-1638	2.2	2
21	Investigation of the Formation of Humic Acids from Lignite by Using Model Compounds. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1991 , 13, 211-216		2
20	STRUCTURE PARAMETRE CORRELATIONS ON ALKALI-ALCOHOL TREATED LIGNITE. <i>Petroleum Science and Technology</i> , 1989 , 7, 1005-1019		2
19	Fabrication and Application of a New Modified Electrochemical Sensor Using Newly Synthesized Calixarene-Grafted Mwcnts for Simultaneous Determination of Cu(II) and Pb(II). <i>Acta Chimica Slovenica</i> , 839-849	1.9	2
18	Investigation of supramolecular interaction of quercetin with N,N-dimethylamine-functionalized p-sulfonated calix[4,8]arenes using molecular modeling and their in vitro cytotoxic response towards selected cancer cells. <i>New Journal of Chemistry</i> ,	3.6	2
17	L-proline modified inactivated lipase and its immobilization on cellulose-based material: stability and enantioselectivity. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 2909-2915	3.5	2
16	A bifunctional and multi-responsive fluorescent sensor for toxic analytes in the aqueous medium: Easy synthesis, NIR-visible effect, imaging in living cells. <i>Journal of Molecular Liquids</i> , 2021 , 336, 116861	6	2
15	Design of MOF-based nanobiocatalyst with super-catalytic properties with iron mineralization approach. <i>Materials Letters</i> , 2021 , 305, 130768	3.3	2
14	Synthesis of a novel calix[4]azacrown ionophore and its extraction ability toward Cr(VI). <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013 , 76, 443-449	1.7	1
13	Synthesis and Dichromate Anion Extraction Ability of Calix[4]arene Schiff Base Derivatives. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014 , 51, 106-116	2.2	1

12	Synthesis and Comparison of Extraction Properties of p-tert-Butylcalix[n]arene Nitrile Derivatives for Selected Metals and Dichromate Anions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008 , 45, 353-357	2.2	1
11	Functional Group Effects of New Calixarene Derivatives on Catalytic and Enantioselective Behavior of Lipase. <i>Polycyclic Aromatic Compounds</i> , 2019 , 39, 318-331	1.3	1
10	L-proline/cholesterol and diosgenin based thiourea cooperative system for the direct asymmetric aldol reaction in the presence of water. <i>Turkish Journal of Chemistry</i> , 2020 , 44, 1278-1284	1	0
9	A highly branched macrocycle-based dual-channel sensor: Bodipy and pillar[5]arene combination for detection of Sn (II) & Hg (II) and bioimaging in living cells.. <i>Analytica Chimica Acta</i> , 2022 , 1196, 339542	6.6	0
8	Turn-on fluorescence probe for Al (III) and Hg (II) ions in aqueous medium: Synthesis, characterization, cytotoxicity, visual results in solution and cancer cells. <i>Journal of Molecular Liquids</i> , 2022 , 348, 118448	6	0
7	Synthesis of new calix[4]arene derivatives and evaluation of their cytotoxic activity. <i>Medicinal Chemistry Research</i> , 1	2.2	0
6	A New Benzothiazin-functionalized Calix[4]arene-based Fluorescent Chemosensor for the Selective Detection of Co Ion. <i>Journal of Fluorescence</i> , 2021 , 31, 1075-1083	2.4	0
5	Synthesized Two New Water-Soluble Fluorescents Calix[4]arene 4-sulfo-1,8-naphthalimide Derivatives Inhibit Proliferation of Human Colorectal Carcinoma Cells. <i>ChemistrySelect</i> , 2021 , 6, 7093-7097	1.8	0
4	Calixarenes: recent progress in supramolecular chemistry for application in cancer therapy. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1	1.7	0
3	Photochemical Oxidation of Coals Using Copper(II)Chloride. <i>Polycyclic Aromatic Compounds</i> , 1993 , 3, 163-167	1.3	
2	MOLTEN ALKALI-ALCOHOL AND MOLTEN ALKALI TREATMENT OF LIGNITE: A COMPARATIVE STUDY. <i>Petroleum Science and Technology</i> , 1990 , 8, 689-697		
1	Preparation of regenerable magnetic nanoparticles for cellulase immobilization: Improvement of enzymatic activity and stability. <i>Biotechnology Progress</i> , 2021 , 37, e3145	2.8	