

Mustafa Yilmaz

List of Publications by Year in Descending Order

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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	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
262	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
261	Preparation of regenerable magnetic nanoparticles for cellulase immobilization: Improvement of enzymatic activity and stability. <i>Biotechnology Progress</i> , 2021 , 37, e3145	2.8	
260	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
259	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
258	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
257	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
256	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
255	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
254	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
253	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
252	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
251	Design of MOF-based nanobiocatalyst with super-catalytic properties with iron mineralization approach. <i>Materials Letters</i> , 2021 , 305, 130768	3.3	2
250	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
249	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
248	Calixarenes functionalised water-soluble iron oxide magnetite nanoparticles for enzyme immobilisation. <i>Supramolecular Chemistry</i> , 2020 , 32, 334-344	1.8	5
247	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

246	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
245	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
244	Synthesis of New Picolylamine Bearing Calix[8]arene Derivatives as Antiproliferative Agents for Colorectal Carcinoma. <i>ChemistrySelect</i> , 2020 , 5, 12250-12254	1.8	3
243	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
242	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
241	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
240	Synthesis and evaluation of the antitumor activity of Calix[4]arene l-proline derivatives. <i>Bioorganic Chemistry</i> , 2020 , 94, 103207	5.1	18
239	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
238	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
237	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
236	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
235	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
234	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
233	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
232	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
231	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
230	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
229	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

228	A New Piperidine Derivatized-Schiff Base Based "Turn-on" CuChemo-Sensor. <i>Journal of Fluorescence</i> , 2017 , 27, 791-797	2.4	15
227	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
226	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
225	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
224	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
223	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}	2.4	6
222	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
221	Calixarenes in Organo and Biomimetic Catalysis 2016 , 719-742		11
220	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
219	Improvement of catalytic activity of Candida rugosa 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
218	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
217	Calixarenes in Lipase Biocatalysis and Cancer Therapy. <i>Current Organic Chemistry</i> , 2016 , 20, 1043-1057	1.7	18
216	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
215	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
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	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
212	Enantioselective hydrolysis of (R,S)-Naproxen methyl ester using Candida rugosa lipase with calix[4]arene derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015 , 81, 237-243	1.7	3
211	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

210	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
209	Salicylate Ion-Selective Electrode Based on a Calix[4]arene as Ionophore. <i>Electroanalysis</i> , 2015 , 27, 1676-1684	3.684	7
208	Comparative Studies on Phenolic Composition, Antioxidant, Wound Healing and Cytotoxic Activities of Selected Achillea L. Species Growing in Turkey. <i>Molecules</i> , 2015 , 20, 17976-8000	4.8	52
207	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
206	Calix[4]arene derivatives as dopamine hosts in electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2015 , 218, 111-121	8.5	35
205	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
204	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
203	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
202	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
201	Enzyme immobilization in biosensor constructions: self-assembled monolayers of calixarenes containing thiols. <i>RSC Advances</i> , 2014 , 4, 19900-19907	3.7	31
200	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
199	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
198	Bristed 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
197	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
196	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
195	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
194	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
193	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

192	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
191	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
190	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
189	Enantioselective sorption of some chiral carboxylic acids by various cyclodextrin-grafted iron oxide magnetic nanoparticles. <i>Tetrahedron: Asymmetry</i> , 2013 , 24, 982-989		15
188	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
187	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
186	Novel Triphenylamine Appended 1,3-Alternate-Calix[4]arenes: Synthesis and Characterization. <i>Synthetic Communications</i> , 2013 , 43, 1668-1675	1.7	3
185	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
184	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
183	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
182	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
181	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
180	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
179	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
178	A new anthracene derivative of calix[4]arene as a fluorescent chemosensor. <i>Turkish Journal of Chemistry</i> , 2013 , 37, 832-839	1	5
177	Calixarene-Based Receptors for Molecular Recognition. <i>Turkish Journal of Chemistry</i> , 2013 ,	1	4
176	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
175	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

174	Synthesis and fluorescence sensing properties of a new naphthalimide derivative of calix[4]arene. <i>Tetrahedron Letters</i> , 2012 , 53, 2319-2324	2	28
173	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
172	Chiral calix[4]arenes bearing amino alcohol functionality as membrane carriers for transport of chiral amino acid methylesters and mandelic acid. <i>Chirality</i> , 2012 , 24, 129-36	2.1	18
171	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	3.9	7
170	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
169	Catalytic effect of calix[n]arene based solgel 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
168	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	2.0	4
167	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
166	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
165	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
164	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
163	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
162	Surface Modification of Sporopollenin with Calixarene Derivative. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 2623-2632	2.6	17
161	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
160	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
159	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
158	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
157	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

156	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
155	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
154	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
153	Microwave Assisted Synthesis of Chitosan Nanoparticles. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011 , 48, 776-779	2.2	7
152	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
151	An efficient calix[4]arene appended resin for the removal of arsenic. <i>Desalination</i> , 2011 , 278, 98-104	10.3	10
150	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
149	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
148	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
147	Synthesis of Flavin-Calix[4]arene Conjugate Derivatives. <i>Helvetica Chimica Acta</i> , 2011 , 94, 481-486	2	17
146	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
145	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
144	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
143	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
142	Preparation and uranyl ion extraction studies of calix[4]arene-based magnetite nanoparticles. <i>Desalination</i> , 2011 , 276, 328-335	10.3	16
141	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
140	Synthesis and fluorescence sensing properties of novel pyrene-armed calix[4]arene derivatives. <i>Tetrahedron</i> , 2011 , 67, 3501-3508	2.4	48
139	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

138	Removal of heavy metal ions from aqueous solution by azocalix[4]arene. <i>Desalination and Water Treatment</i> , 2011 , 26, 72-78		7
137	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
136	Humidity adsorption kinetics of calix[4]arene derivatives measured using QCM technique. <i>Talanta</i> , 2010 , 81, 248-51	6.2	31
135	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
134	Removal of chromate and phosphate anion from aqueous solutions using calix[4]arene receptors containing proton switchable units. <i>Journal of Hazardous Materials</i> , 2010 , 181, 1059-65	12.8	27
133	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
132	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
131	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
130	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
129	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
128	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
127	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
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125	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
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