

Hasalettin Deligöz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	LIQUID-LIQUID EXTRACTION OF TRANSITION METAL CATIONS BY CALIXARENE-BASED CYCLIC LIGANDS. Solvent Extraction and Ion Exchange, 1995, 13, 19-26.	2.0	95
2	Selective complexation of Na by polymeric calix[4]arene tetraesters. Journal of Polymer Science Part A, 1995, 33, 2851-2853.	2.3	63
3	Synthesis of polymer-supported calix[4]arenes and selective extraction of Fe ³⁺ . Reactive and Functional Polymers, 1996, 31, 81-88.	4.1	59
4	Selective extraction of Fe ³ by a polymeric calix[4]arene. Journal of Polymer Science Part A, 1994, 32, 2961-2964.	2.3	57
5	Comparative studies on the solvent extraction of transition metal cations by calixarene, phenol and ester derivatives. Journal of Hazardous Materials, 2008, 154, 29-32.	12.4	55
6	The synthesis of some new derivatives of calix[4]arene containing azo groups. Tetrahedron, 2002, 58, 2881-2884.	1.9	50
7	Azocalixarenes: Synthesis, Characterization, Complexation, Extraction, Absorption Properties and Thermal Behaviours. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 55, 197-218.	1.6	50
8	Azocalixarenes. 1: synthesis, characterization and investigation of the absorption spectra of substituted azocalix[4]arenes. Dyes and Pigments, 2003, 59, 53-61.	3.7	47
9	Transition metal cations extraction by ester and ketone derivatives of chromogenic azocalix[4]arenes. Journal of Hazardous Materials, 2008, 154, 51-54.	12.4	37
10	Selective Extraction of Fe ³⁺ +Cation by Calixarene-Based Cyclic Ligands. Separation Science and Technology, 1996, 31, 2395-2402.	2.5	36
11	Liquid-liquid extraction of transition metal cations by nine new azo derivatives calix[n]arene. Separation Science and Technology, 2002, 37, 973-980.	2.5	31
12	Azocalixarenes. 2. Dyes and Pigments, 2004, 62, 131-140.	3.7	31
13	Solvent Extraction of Fe ³⁺ +Cation by 25,26,27,28- Tetraisonitrosoaceto Calix [4] Arene and Based Ligands. Separation Science and Technology, 1999, 34, 3297-3304.	2.5	29
14	Liquid Membrane Transport of Hg(II) by an Azocalix[4]arene Derivative. Separation Science and Technology, 2006, 41, 1155-1167.	2.5	28
15	LIQUID-LIQUID EXTRACTION OF TRANSITION METAL CATIONS BY DIAZO COUPLING CALIX[4]ARENE DERIVATIVES. Solvent Extraction and Ion Exchange, 1997, 15, 811-817.	2.0	27
16	An approach to the synthesis of chemically modified bisazocalix[4]arenes and their extraction properties. Tetrahedron, 2005, 61, 9624-9629.	1.9	26
17	Azocalixarenes.8: synthesis and investigation of the absorption spectra of di-substituted azocalix[4]arenes containing chromogenic groups. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 61, 289-296.	1.6	26
18	Azocalixarenes. 3. Dyes and Pigments, 2004, 62, 141-148.	3.7	24

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19	Azocalixarenes. 6: Synthesis, complexation, extraction and thermal behaviour of four new azocalix[4]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 59, 115-123.	1.6	23
20	Di-substituted azocalix[4]arenes containing chromogenic groups: synthesis, characterization, extraction, and thermal behavior. <i>Tetrahedron</i> , 2013, 69, 6832-6838.	1.9	22
21	A study on the thermal behaviours of parent calix[4]arenes and some azocalix[4]arene derivatives. <i>Thermochimica Acta</i> , 2005, 426, 33-38.	2.7	21
22	Ab initio studies of NMR chemical shifts for calix[4]arene and its derivatives. <i>Structural Chemistry</i> , 2009, 20, 113-119.	2.0	17
23	Synthesis and spectral characterization of azo dyes derived from calix[4]arene and their application in dyeing of fibers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 77, 259-267.	1.6	17
24	Synthesis of Oligomer and Styrene Polymer-supported Calix[4]arene Derivatives and Selective Extraction of Fe ³⁺ . <i>Supramolecular Chemistry</i> , 2003, 15, 317-321.	1.2	16
25	Synthesis and Properties of a Series of Novel Calix[6]arene Diazo Derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 43, 285-289.	1.6	15
26	Thermal analysis of two series mono- and di-azocalix[4]arene derivatives. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 341-347.	3.6	15
27	A Brief Review on the Thermal Behaviors of Calixarene-Azocalixarene Derivatives and Their Complexes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 259-274.	2.2	15
28	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.	1.8	14
29	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.	1.8	14
30	Azocalixarenes. 4. Dyes and Pigments, 2004, 62, 149-157.	3.7	14
31	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.	7.8	14
32	The Synthesis of Sodium and Potassium Complexes of Two Calix[4]arene Derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 39, 123-125.	1.6	13
33	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.	1.8	12
34	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.	1.8	12
35	ABSORPTIVE IONOPHORES FOR Fe ³⁺ CATION BY PARENT CALIX[n]ARENES. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2000, 37, 407-415.	2.2	12
36	Structural analysis of calix[n]arene-iron(III) complexes (n=4, 6, 8) and thermal decomposition of the parent calix[n]arenes. <i>Journal of Coordination Chemistry</i> , 2007, 60, 73-83.	2.2	11

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37	The synthesis and properties of some novel azo group containing calix[n]arene derivatives. Journal of Chemical Research, 2001, 2001, 427-429.	1.3	10
38	Synthesis, Metal Complexation and Spectroscopic Characterization of Three New Azo Compounds. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2002, 42, 187-191.	1.6	10
39	SYNTHESIS OF NEW vic-DIOXIME DERIVATIVES OF p-(tert-BUTYL) CALIXARENE AND SOME METAL COMPLEXES. Organic Preparations and Procedures International, 1999, 31, 173-179.	1.3	9
40	Efficient and Selective Extraction of Fe ³⁺ by Mono- and Di-Azocalix[4]arene Derivatives. Analytical Letters, 2010, 43, 768-775.	1.8	9
41	Synthesis and characterization of three novel azocalix[4]arene Schiff base derivatives and their selective copper extraction. Journal of the Iranian Chemical Society, 2012, 9, 93-100.	2.2	9
42	A versatile approach toward chemosensor for Hg ²⁺ based on para-substituted phenylazocalix[4]arene containing mono ethyl ester unit. Dyes and Pigments, 2014, 107, 166-173.	3.7	9
43	Synthesis, extraction and chromogenic properties of Amidoazocalix[4]arenes and their telomer derivatives. Supramolecular Chemistry, 2015, 27, 110-122.	1.2	9
44	Internal charge transfer based Hg-sensing Azocalix[4]arene Mono anthracenate derivatives. Sensors and Actuators B: Chemical, 2015, 211, 83-92.	7.8	9
45	Synthesis and Metal Complexation of Two vic-Dioxime Derivatives of Calix[4]Arenes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1997, 27, 391-400.	1.8	8
46	Synthesis and characterization of tetrakis derivatives of bisphenol A with 4-phenylazoaniline and 5-(4-aminophenylazo)-2,5,2,6,2,7-tribenzoyloxy-2,8-hydroxycalix[4]arene. Journal of Applied Polymer Science, 2011, 122, 76-82.	2.6	8
47	Removal of heavy metal ions from aqueous solution by azocalix[4]arene. Desalination and Water Treatment, 2011, 26, 72-78.	1.0	8
48	Characterization of polypyrrole/azocalix[4]arene salts: Electrical properties and thermal stability. Journal of Applied Polymer Science, 2010, 115, 2697-2702.	2.6	7
49	The synthesis and characterization of azocalix[4]arene based chemosensors and investigation of their properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 142, 178-187.	3.9	7
50	The Synthesis of Ester and Ketone Derivatives of Azocalix[4]arene Containing Chromogenic Groups. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 55, 223-228.	1.6	6
51	Synthesis and metal extraction studies of a novel chromogenic 5,17-bisazocalix[4]arenes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 337-343.	1.6	5
52	A study on thermal behaviors of mono ethyl ester azocalix[4]arene derivatives. Journal of Thermal Analysis and Calorimetry, 2014, 118, 719-722.	3.6	5
53	Ester and Ketone Groups Substituted Mono- and Di- Azo-coupled Azocalix[4]arenes as Extractant for Hg ⁺ and Hg ²⁺ , or Cr ³⁺ Cations. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 1111-1115.	2.2	4
54	Synthesis and structural characterization of bisazocalix[4]arene with melamine: Metal ion extraction studies. Journal of Molecular Liquids, 2015, 202, 134-140.	4.9	4

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55	Synthesis and structure elucidation of 25,26,27,28-tetramethylcalix[4]arene tetraketone using 1D and 2D NMR spectroscopies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1018-1023.	3.9	3
56	Identification of radiation-induced radical structure in azocalix[4]arene: an EPR study. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 671-675.	1.9	3
57	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.	0.5	2
58	Synthesis and characterization of azocalix[4]arene ester and ketone derivatives incorporated in a polymeric backbone with bisphenol-A and their cation-binding properties. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 729-735.	2.2	1
59	Thermal Behaviors of Bisazocalix[4]arene Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2017, 37, 46-51.	2.6	1