

Melek Merdivan

List of Publications by Year in descending order

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59
papers

1,266
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304368

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times ranked

1367
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#	ARTICLE	IF	CITATIONS
1	Sorption behaviour of uranium(VI) with N,N-dibutyl-Nâ€²-benzoylthiourea Impregnated in Amberlite XAD-16. <i>Talanta</i> , 2001, 55, 639-645.	2.9	121
2	Concentrations of trace elements in wild edible mushrooms. <i>Food Chemistry</i> , 2001, 73, 169-175.	4.2	98
3	Thorium(IV) and uranium(VI) sorption studies on octacarboxymethyl-C-methylcalix[4]resorcinarene impregnated on a polymeric support. <i>Analytica Chimica Acta</i> , 2003, 485, 213-219.	2.6	69
4	Use of o-phenylene dioxydiacetic acid impregnated in Amberlite XAD resin for separation and preconcentration of uranium(VI) and thorium(IV). <i>Journal of Hazardous Materials</i> , 2008, 152, 79-84.	6.5	60
5	Reduction of Ochratoxin A Levels in Red Wine by Bentonite, Modified Bentonites, and Chitosan. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2541-2545.	2.4	53
6	Phosphonate-based resins for the selective enrichment of uranium(VI). <i>Analytica Chimica Acta</i> , 1999, 402, 91-97.	2.6	45
7	Biosorption of uranium (VI) and thorium (IV) onto <i>Ulva gigantea</i> (KÃ¼tzing) bliding: discussion of adsorption isotherms, kinetics and thermodynamic. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 288, 867-874.	0.7	43
8	Solid phase extractive preconcentration of trace metals using p-tert-butylcalix[4]arene-1,2-crown-4-anchored chloromethylated polymeric resin beads. <i>Analytica Chimica Acta</i> , 2007, 584, 462-468.	2.6	41
9	Preconcentration of uranium(VI) and thorium(IV) from aqueous solutions using low-cost abundantly available sorbent. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 283, 471-476.	0.7	40
10	Use of Benzoylthiourea Immobilized on Silica Gel for Separation and Preconcentration of Uranium(VI). <i>Mikrochimica Acta</i> , 2006, 154, 109-114.	2.5	39
11	Separation and preconcentration of La ³⁺ , Ce ³⁺ and Y ³⁺ using calix[4]resorcinarene impregnated on polymeric support. <i>Mikrochimica Acta</i> , 2007, 157, 13-19.	2.5	31
12	Basic nutrients and element contents of white cheese of diyarbakÄ±r in turkey. <i>Food Chemistry</i> , 2004, 87, 163-171.	4.2	30
13	Sorption of uranium using silica gel with benzoylthiourea derivatives. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 285, 525-529.	0.7	30
14	Development of new dispersive liquidâ€“liquid microextraction technique for the identification of zearalenone in beer. <i>Analytical Methods</i> , 2012, 4, 4129.	1.3	30
15	Levels of Trace and Major Elements in Illicit Heroin. <i>Journal of Forensic Sciences</i> , 2002, 47, 1-5.	0.9	30
16	Polymer Supported Humic Acid for Separation and Preconcentration of Thorium(IV). <i>Analytical Letters</i> , 2004, 37, 2565-2575.	1.0	25
17	Solid phase extraction of gold(III) on silica gel modified with benzoylthiourea prior to its determination by flame atomic absorption spectrometry. <i>Environmental Monitoring and Assessment</i> , 2009, 158, 15-21.	1.3	25
18	Solid phase extractive preconcentration of silver from aqueous samples. <i>Environmental Monitoring and Assessment</i> , 2009, 153, 333-338.	1.3	24

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19	Determination of volatile polycyclic aromatic hydrocarbons in waters using headspace solid-phase microextraction with a benzyl-functionalized crosslinked polymeric ionic liquid coating. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1897-1904.	1.2	24
20	Use of ionic liquid based chitosan as sorbent for preconcentration of fluoroquinolones in milk, egg, fish, bovine, and chicken meat samples by solid phase extraction prior to HPLC determination. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 21-29.	0.5	23
21	Application of iron-rich natural clays in <i>Amlica</i> , Turkey for boron sorption from water and its determination by fluorimetric-azomethine-H method. <i>Journal of Hazardous Materials</i> , 2007, 146, 180-185.	6.5	22
22	Solid-Phase Extraction of Silver in Geological Samples and its Determination by FAAS. <i>Separation Science and Technology</i> , 2008, 43, 179-191.	1.3	22
23	p-tert-Butylcalix[8]arene loaded silica gel for preconcentration of uranium(VI) via solid phase extraction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 283, 603-607.	0.7	18
24	Determination of Phthalate Esters in Water and Coffee by Solid-Phase Microextraction Using Vinyl Terminated Imidazolium Based Ionic Liquid Grafted on Graphene Oxide Coatings. <i>ChemistrySelect</i> , 2019, 4, 2307-2313.	0.7	18
25	Fabrication of montmorillonite/ionic liquid composite coated solid-phase microextraction fibers for determination of phenolic compounds in fruit juices by gas chromatography and liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1635, 461741.	1.8	18
26	Separation and preconcentration of mercury in water samples by ionic liquid supported cloud point extraction and fluorimetric determination. <i>Mikrochimica Acta</i> , 2012, 177, 47-52.	2.5	17
27	Comparison of microwave digestion procedures for the determination of some elements in asphaltite ash using ICP-AES. <i>Annali Di Chimica</i> , 2002, 92, 1127-33.	0.6	17
28	Chitosan and dicationic ionic liquid intercalated clay-coated solid-phase microextraction fiber for determination of sixteen polycyclic aromatic hydrocarbons in coffee and tea samples. <i>Talanta</i> , 2021, 235, 122764.	2.9	16
29	Determination of Tetracyclines in Milk, Eggs and Honey Using in-situ Ionic Liquid Based Dispersive Liquid-Liquid Microextraction. <i>Journal of Analytical Chemistry</i> , 2018, 73, 23-29.	0.4	15
30	Analysis of Echinacea flower volatile constituents by HS-SPME-GC/MS using laboratory-prepared and commercial SPME fibers. <i>Journal of Essential Oil Research</i> , 2019, 31, 91-98.	1.3	15
31	Chiral separation of amino acids using a chiral crown ether by impregnation on a polymeric support and monoamine modified silica gel. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1700-1704.	1.8	14
32	Heavy metals uptake from aqueous solutions using marine algae (<i>Colpomenia sinuosa</i>): kinetics and isotherms. <i>Chemistry and Ecology</i> , 2012, 28, 469-480.	0.6	13
33	An alternative evaluation method for accumulated dead leaves of <i>Posidonia oceanica</i> (L.) Delile on the beaches: removal of uranium from aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 293, 489-496.	0.7	13
34	Chiral separation of amino acids by chiral octamide derivatives of calixarenes derived from resorcinol by impregnation on a polymeric support. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3735-3738.	1.8	12
35	Utilization of montmorillonite nanocomposite incorporated with natural biopolymers and benzyl functionalized dicationic imidazolium based ionic liquid coated fiber for solid-phase microextraction of organochlorine pesticides prior to GC/MS and GC/ECD. <i>Analytica Chimica Acta</i> , 2021, 1185, 339075.	2.6	12
36	Extraction of some transition metals with N,N-dibutyl-N ² -benzoylthiourea into molten paraffin at 65 ^o C. <i>Talanta</i> , 2000, 53, 141-146.	2.9	10

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37	Formation And Characterization Of Humic Acids From Low Rank Anatolian Coals By Air Oxidation. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2005, 27, 423-430.	0.5	10
38	Polymer supported 5,10,15,20-tetrakis(phenoxy acetic acid)porphyrin derivative for separation and preconcentration of d- and f-electron metals. Mikrochimica Acta, 2008, 161, 87-93.	2.5	10
39	Zearalenone Removal in Synthetic Media and Aqueous Part of Canned Corn by Montmorillonite K10 and Pillared Montmorillonite K10. Journal of Food Protection, 2011, 74, 954-959.	0.8	10
40	Ultrasound-assisted surfactant/ionic liquid aqueous two-phase system extraction prior to high performance liquid chromatography for the determination of tetracyclines in milk and honey samples. Turkish Journal of Chemistry, 2017, 41, 955-966.	0.5	10
41	The Effect of Degree of Impregnation in Amberlite Resins with Organophosphorous Extractants for Y(III), La(III), Ce(III), Th(IV) and U(VI) Ions. Separation Science and Technology, 2008, 43, 1421-1433.	1.3	9
42	Determination of platinum, palladium and rhodium in Pt-catalysts by high performance thin layer chromatography using densitometry. Mikrochimica Acta, 1997, 127, 233-238.	2.5	8
43	Dispersive micro-solid-phase extraction using chitosan/polymethacrylate/clay bionanocomposite followed by UV-Vis spectrophotometry for determination of zinc. Chemical Papers, 2020, 74, 3399-3408.	1.0	8
44	Biopolymer-imidazolium based dicationic ionic liquid modified clay bionanocomposite coating for solid-phase microextraction of phthalate esters. Microchemical Journal, 2021, 170, 106648.	2.3	8
45	Absorption and fluorescence properties of aryl substituted porphyrins in different media. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 574-577.	2.0	7
46	Use of pyrocatechol violet modified sodium dodecyl sulfate coated on alumina for separation and preconcentration of uranium(VI). Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 321-327.	0.7	6
47	Adsorption of U(VI) and Th(IV) ions removal from aqueous solutions by pretreatment with Cystoseira barbata. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 595-603.	0.7	6
48	Removal of methylene blue from aqueous solutions by brown alga Cystoseira barbata. , 0, 62, 267-272.		6
49	METÄ°LEN MAVÄ°SÄ°NÄ°N MODÄ°FÄ°YE EDÄ°LMÄ°Åž Cystoseira barbata (STACKHOUSE) C. AGARDH KULLANILARAK BÄ°YOSORPSÄ°YONU. Trakya University Journal of Natural Sciences, 0, , .	0.4	6
50	Selective Preconcentration of Gold from Ore Samples. International Journal of Analytical Chemistry, 2018, 2018, 1-8.	0.4	5
51	Ionic liquid-based graphene oxide-coated fiber for headspace-solid phase microextraction of polycyclic aromatic hydrocarbons in water samples. Turkish Journal of Chemistry, 2019, 43, 1383-1397.	0.5	5
52	Determination of Compositions of Some Metal-Ligand Complexes by Hptlc-Densitometry. Spectroscopy Letters, 1998, 31, 87-98.	0.5	4
53	DETERMINATION OF TRACE METAL IONS USING PORPHYRINS AS CHELATING AGENTS BY HIGH PERFORMANCE THIN LAYER CHROMATOGRAPHY-DENSITOMETRY. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 748-760.	0.5	4
54	Densitometric HPTLC analysis of the 5-hydroxymethylfurfural content of Turkish fruit wines and vinegars. Journal of Planar Chromatography - Modern TLC, 2009, 22, 363-366.	0.6	3

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55	Separation and preconcentration of palladium using benzoylthiourea immobilized on a cationic surfactant coated silica gel. <i>Analytical Methods</i> , 2012, 4, 4135.	1.3	3
56	Vortex assisted in situ ionic liquid dispersive liquid-liquid microextraction for preconcentration of uranyl ion in water samples before spectrophotometric detection. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 320, 1-7.	0.7	3
57	BIOSORPTION OF METHYLENE BLUE FROM AN AQUEOUS SOLUTION BY IRON OXIDE-COATED CYSTOSEIRA BARBATA. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2016, 3, .	0.4	2
58	Thin-Layer Chromatographic Mobility of Aryl-Substituted Porphyrins and Their Metalloporphyrins. <i>Journal of Chromatographic Science</i> , 2010, 48, 513-516.	0.7	0
59	Gövdalardaki Tetrasiklin Kalıpların İyonik Destekli Dispersif Sıvı-Sıvı Mikroekstraksiyonu Sonrasında HPLC ile Tayini. <i>Deu Muhendislik Fakultesi Fen Ve Muhendislik</i> , 2018, 20, 654-662.	0.1	0