Demirhan Citak

List of Publications by Year
in descending order

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24 papers	1,860 citations	516215 16 h-index	610482 24 g-index
24 all docs	24 docs citations	24 times ranked	2013 citing authors

#	Article	IF	Citations
1	Equilibrium, kinetic and thermodynamic studies of adsorption of Pb(II) from aqueous solution onto Turkish kaolinite clay. Journal of Hazardous Materials, 2007, 149, 283-291.	6.5	367
2	A novel preconcentration procedure using cloud point extraction for determination of lead, cobalt and copper in water and food samples using flame atomic absorption spectrometry. Food and Chemical Toxicology, 2010, 48, 1399-1404.	1.8	250
3	Adsorption characteristics of Cu(II) and Pb(II) onto expanded perlite from aqueous solution. Journal of Hazardous Materials, 2007, 148, 387-394.	6.5	235
4	Mercury(II) and methyl mercury determinations in water and fish samples by using solid phase extraction and cold vapour atomic absorption spectrometry combination. Food and Chemical Toxicology, 2009, 47, 1648-1652.	1.8	166
5	Arsenic speciation in natural water samples by coprecipitation-hydride generation atomic absorption spectrometry combination. Talanta, 2009, 78, 52-56.	2.9	136
6	Equilibrium, thermodynamic and kinetic studies on adsorption of Sb(III) from aqueous solution using low-cost natural diatomite. Chemical Engineering Journal, 2010, 162, 521-527.	6.6	135
7	A preconcentration system for determination of copper and nickel in water and food samples employing flame atomic absorption spectrometry. Journal of Hazardous Materials, 2009, 162, 1041-1045.	6.5	110
8	Simultaneous coprecipitation of lead, cobalt, copper, cadmium, iron and nickel in food samples with zirconium(IV) hydroxide prior to their flame atomic absorption spectrometric determination. Food and Chemical Toxicology, 2009, 47, 2302-2307.	1.8	71
9	Pressure-assisted ionic liquid dispersive microextraction of vanadium coupled with electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2013, 28, 1441.	1.6	62
10	Speciation of Mn(II), Mn(VII) and total manganese in water and food samples by coprecipitationâ€“atomic absorption spectrometry combination. Journal of Hazardous Materials, 2010, 173, 773-777.	6.5	59
11	Determination of copper, lead and iron in water and food samples after column solid phase extraction using 1-phenylthiosemicarbazide on Dowex Optipore L-493 resin. Food and Chemical Toxicology, 2011, 49, 458-463.	1.8	54
12	Development of a new green non-dispersive ionic liquid microextraction method in a narrow glass column for determination of cadmium prior to couple with graphite furnace atomic absorption spectrometry. Analytica Chimica Acta, 2014, 812, 59-64.	2.6	39
13	5-Chloro-2-hydroxyanilineâ€“copper(II) coprecipitation system for preconcentration and separation of lead(II) and chromium(III) at trace levels. Journal of Hazardous Materials, 2008, 158, 137-141.	6.5	37
14	Determination of toxic and essential elements in sunflower honey from Thrace Region, Turkey. International Journal of Food Science and Technology, 2012, 47, 107-113.	1.3	26
15	Cloud Point Extraction of Copper, Lead, Cadmium, and Iron Using 2,6-Diamino-4-Phenyl-1,3,5-Triazine and Nonionic Surfactant, and Their Flame Atomic Absorption Spectrometric Determination in Water and Canned Food Samples. Journal of AOAC INTERNATIONAL, 2012, 95, 1170-1175.	0.7	23
16	A new green switchable hydrophobicâ€“hydrophilic transition dispersive solidâ€“liquid microextraction of selenium in water samples. Analytical Methods, 2016, 8, 2756-2763.	1.3	20
17	Response surface methodology and hydrophobic deep eutectic solvent based liquid phase microextraction combination for determination of cadmium in food and water samples. Journal of Food Measurement and Characterization, 2021, 15, 1843-1850.	1.6	18
18	Ultrasonication ionic liquid-based dispersive liquidâ€“liquid microextraction of palladium in water samples and determination of microsampler system-assisted FAAS. Desalination and Water Treatment, 2015, 53, 2686-2691.	1.0	16

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19	Separation and Determination of Copper in Bottled Water Samples by Combination of Dispersive Liquidâ€“Liquid Microextraction and Microsample Introduction Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2013, 96, 1435-1439.	0.7	10
20	Equilibrium, Thermodynamic and Kinetic Studies on Biosorption of Mercury from Aqueous Solution by Macrofungus (Lycoperdon perlatum) Biomass. Separation Science and Technology, 2012, 47, 1167-1176.	1.3	7
21	Arsenic in water, food and cigarettes: A cancer risk to Pakistani population. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 1776-1782.	0.9	7
22	Dispersive ionic liquid microextraction of aluminium from environmental water samples by effervescent generation of carbon dioxide. International Journal of Environmental Analytical Chemistry, 2016, 96, 729-738.	1.8	6
23	Solidified floating organic drop microextraction for speciation of Se (IV) and Se (VI) in water samples prior to electrothermal atomic absorption spectrometric detection. Turkish Journal of Chemistry, 2016, 40, 1012-1018.	0.5	5
24	Development of pH-Assisted Solidified Floating Organic Drops Homogeneous Liquid Phase Microextraction Method for Preconcentration and Determination of Nickel in Water Samples. Cumhuriyet Science Journal, 2019, 40, 917-925.	0.1	1