Ersin KÄ±lÄ±nÃ§

List of Publications by Year
in descending order

66 papers	1,394 citations	331670 21 h-index	377865 34 g-index
67 all docs	67 docs citations	67 times ranked	1260 citing authors

#	Article	IF	Citations
1	Bioaccumulation, tolerance, and removal of U(VI) and Th(IV) by a novel thermophilic Bacillus cereus ST14 isolated from hot spring mud samples in Afyonkarahisar, Turkey. Biomass Conversion and Biorefinery, 2024, 14, 4341-4353.	4.6	2
2	A novel bio-solid phase extractor for preconcentrations of Hg and Sn in food samples. Environmental Research, 2022, 207, 112231.	7.5	4
3	Preconcentrations of Zn(II) and Hg(II) in Environmental and Food Samples by SPE on B. licheniformis Loaded Amberlite XAD-4. Biological Trace Element Research, 2022, 200, 1972-1980.	3.5	5
4	Preconcentrations of Cu (II) and Mn (II) by magnetic solid-phase extraction on Bacillus cereus loaded Î³-Fe2O3 nanomaterials. Environmental Research, 2022, 209, 112766.	7.5	14
5	Bioaccumulation, Resistance, Removal of U(VI) and Th(IV) and Their Effects on Antioxidant Enzymes on Thermophilic Anoxybacillus flavithermus ST15. Geomicrobiology Journal, 2022, 39, 54-65.	2.0	5
6	Preconcentrations of Ni(II) and Pb(II) from water and food samples by solid-phase extraction using Pleurotus ostreatus immobilized iron oxide nanoparticles. Food Chemistry, 2021, 336, 127675.	8.2	23
7	A new method for the preconcentrations of U(VI) and Th(IV) by magnetized thermophilic bacteria as a novel biosorbent. Analytical and Bioanalytical Chemistry, 2021, 413, 1107-1116.	3.7	6
8	Development of Armillae mellea immobilized nanodiamond for the preconcentrations of Cr(III), Hg(II) and Zn(II). Analytical Biochemistry, 2021, 617, 114122.	2.4	5
9	Simultaneous preconcentrations of Cu(II), Ni(II), and Pb(II) by SPE using E. profundum loaded onto Amberlite XAD-4. Microchemical Journal, 2021, 171, 106758.	4.5	12
10	Investigations of Hg(II) and Pb(II) tolerance, removal and bioaccumulation and their effects on antioxidant enzymes on thermophilicExiguobacterium profundum. Human and Ecological Risk Assessment (HERA), 2020, 26, 1234-1253.	3.4	12
11	Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on Coprinus atramentaria. International Journal of Environmental Analytical Chemistry, 2020, 100, 992-1003.	3.3	10
12	A new magnetized thermophilic bacteria to preconcentrate uranium and thorium from environmental samples through magnetic solid-phase extraction. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113315.	2.8	29
13	Resistance, removal, and bioaccumulation of Ni (II) and Co (II) and their impacts on antioxidant enzymes of Anoxybacillus mongoliensis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 235, 108790.	2.6	11
14	Phallus impudicus loaded with Î³-Fe2O3 as solid phase bioextractor for the preconcentrations of Zn(II) and Cr(III) from water and food samples. Process Biochemistry, 2020, 92, 149-155.	3.7	13
15	A Novel Biosorbent for Preconcentrations of Co(II) and Hg(II) in Real Samples. Scientific Reports, 2020, 10, 455.	3.3	17
16	Preconcentrations and determinations of copper, nickel and lead in baby food samples employing Coprinus silvaticus immobilized multi-walled carbon nanotube as solid phase sorbent. Food Chemistry, 2019, 276, 174-179.	8.2	32
17	Magnetic solid phase extractions of Co(II) and Hg(II) by using magnetized C. micaceus from water and food samples. Food Chemistry, 2019, 271, 232-238.	8.2	40
18	Fe₃O₄@SiO₂@Bacillus pumilis: magnetised solid phase bio-extractor for preconcentration of Pb(II) and Cu(II) from water samples. International Journal of Environmental Analytical Chemistry, 2019, 99, 1112-1122.	3.3	16

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19	A magnetized fungal solid-phase extractor for the preconcentrations of uranium(VI) and thorium(IV) before their quantitation by ICP-OES. Mikrochimica Acta, 2019, 186, 355.	5.0	22
20	Magnetic solid-phase extraction based onCoriolus versicolor-immobilized-Fe2O3nanoparticles for preconcentration and determination of Al(III) in waterand food samples. Turkish Journal of Chemistry, 2019, 43, 1217-1228.	1.2	11
21	Comparison of Cd(II) preconcentrations by using magnetized Pleurotus erygnii and Coprinus micaceus and its determination in real samples. Microchemical Journal, 2019, 144, 19-25.	4.5	13
22	Comparative solid phase extraction study on the U(VI) preconcentration by using immobilized thermotolerant Bacillus vallismortis and Bacillus mojavensis. Journal of Radioanalytical and Nuclear Chemistry, 2018, 315, 185-193.	1.5	5
23	Boletus edulis loaded with Î³-Fe2O3 nanoparticles as a magnetic sorbent for preconcentration of Co(II) and Sn(II) prior to their determination by ICP-OES. Mikrochimica Acta, 2018, 185, 73.	5.0	22
24	Î³-Fe2O3 magnetic nanoparticle functionalized with carboxylated multi walled carbon nanotube for magnetic solid phase extractions and determinations of Sudan dyes and Para Red in food samples. Food Chemistry, 2018, 242, 533-537.	8.2	39
25	Preconcentrations of Ni(II) and Co(II) by using immobilized thermophilic Geobacillus stearothermophilus SO-20 before ICP-OES determinations. Food Chemistry, 2018, 266, 126-132.	8.2	20
26	Application of magnetized fungal solid phase extractor with Fe2O3 nanoparticle for determination and preconcentration of Co(II) and Hg(II) from natural water samples. Microchemical Journal, 2018, 143, 198-204.	4.5	20
27	Resistance, bioaccumulation and solid phase extraction of uranium (VI) by Bacillus vallismortis and its UVâ€“vis spectrophotometric determination. Journal of Environmental Radioactivity, 2017, 171, 217-225.	1.7	21
28	Tolerance and bioaccumulation of U(VI) by Bacillus mojavensis and its solid phase preconcentration by Bacillus mojavensis immobilized multiwalled carbon nanotube. Journal of Environmental Management, 2017, 187, 490-496.	7.8	21
29	Simultaneous preconcentrations of Co2+, Cr6+, Hg2+ and Pb2+ ions by Bacillus altitudinis immobilized nanodiamond prior to their determinations in food samples by ICP-OES. Food Chemistry, 2017, 215, 447-453.	8.2	81
30	Fullerene C₆₀ functionalized Î³-Fe₂O₃ magnetic nanoparticle: Synthesis, characterization, and biomedical applications. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 298-304.	2.8	17
31	Î³-Fe 2 O 3 magnetic nanoparticle functionalized with carboxylated multi walled carbon nanotube: Synthesis, characterization, analytical and biomedical application. Journal of Magnetism and Magnetic Materials, 2016, 401, 949-955.	2.3	36
32	Thermophilic Geobacillus galactosidasius sp. nov. loaded Î³-Fe2O3 magnetic nanoparticle for the preconcentrations of Pb and Cd. Bioresource Technology, 2016, 201, 269-275.	9.6	21
33	The Role of Trace Elements in the Malignant-Benign Differentation of Pleural Effusions. Journal of Clinical and Analytical Medicine, 2016, 07, .	0.1	1
34	Biosorption of chlorophenoxy acid herbicides from aqueous solution by using low-cost agricultural wastes. Desalination and Water Treatment, 2015, 56, 1898-1907.	1.0	21
35	In vitrobiological activities and fatty acid profiles ofPistacia terebinthusfruits andPistacia khinjukseeds. Natural Product Research, 2015, 29, 444-446.	1.8	18
36	Preconcentration withBacillus subtilisâ€“Immobilized Amberlite XAD-16: Determination of Cu²⁺and Ni²⁺in River, Soil, and Vegetable Samples. Bioremediation Journal, 2015, 19, 47-55.	2.0	13

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37	Determination of trace Bi by ICP-OES after magnetic solid phase extraction with fullerene C₆₀ modified Î³-Fe₂O₃ superparamagnetic iron oxide nanoparticles. Analytical Methods, 2015, 7, 10306-10311.	2.7	10
38	The Use of Fungal BiomassAgaricus bisporusImmobilized on Amberlite XAD-4 Resin for the Solid-Phase Preconcentration of Thorium. Bioremediation Journal, 2014, 18, 38-45.	2.0	10
39	Selective preconcentration of Lanthanum(III) byCoriolus versicolorimmobilised on Amberlite XAD-4 and its determination by ICP-OES. International Journal of Environmental Analytical Chemistry, 2014, 94, 533-545.	3.3	14
40	Resistance and bioaccumulation of Cd2+, Cu2+, Co2+ and Mn2+ by thermophilic bacteria, Geobacillus thermantarcticus and Anoxybacillus amylolyticus. Annals of Microbiology, 2013, 63, 1379-1385.	2.6	14
41	In situ atom trapping of Bi on W-coated slotted quartz tube flame atomic absorption spectrometry and interference studies. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 89, 14-19.	2.9	14
42	Preconcentration of metal ions using microbacteria. Mikrochimica Acta, 2013, 180, 719-739.	5.0	53
43	Fractionation of Ni, Cr and Cu from Soil by Sequential Extraction Procedure and Determination by Inductively Coupled Plasma Optical Emission Spectrometry. Clean - Soil, Air, Water, 2013, 41, 1229-1234.	1.1	3
44	Biosorption of Heavy Metals (Cd²⁺, Cu²⁺, Co²⁺, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 amylolyticus: Equilibrium and Kinetic Studies. Bioremediation Journal, 2013, 17, 86-96.	2.0	53
45	Chemical fractionation of nickel in asphaltite based bottom ash. Chemical Speciation and Bioavailability, 2013, 25, 113-118.	2.0	0
46	Solid Phase Extraction Based on the Use of Agaricus arvensis as a Fungal Biomass for the Peconcentrations of Pb and Al Prior to Their Determination in Vegetables by ICP-OES. Atomic Spectroscopy, 2013, 34, 78-88.	1.2	18
47	Preconcentration of Sn in Real Water Samples by Solid Phase Extraction Based on the Use of Helvella leucopus as a Fungal Biomass Prior to its Determination by ICP-OES. Atomic Spectroscopy, 2013, 34, 133-139.	1.2	8
48	Simultaneous high-performance thin-layer chromatographic determination of indole acetic acid, indole butyric acid, and Absisic acid inin vitroseedling of watermelon exposed to heavy metals. Journal of Planar Chromatography - Modern TLC, 2012, 25, 108-111.	1.2	2
49	Optimization of Continuous Flow Hydride Generation Inductively Coupled Plasma Optical Emission Spectrometry for Sensitivity Improvement of Bismuth. Analytical Letters, 2012, 45, 2623-2636.	1.8	12
50	Sensitive determination of bismuth by flame atomic absorption spectrometry using atom trapping in a slotted quartz tube and revolatilization with organic solvent pulse. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2012, 73, 84-88.	2.9	32
51	Pleurotus eryngii immobilized Amberlite XAD-16 as a solid-phase biosorbent for preconcentrations of Cd2+ and Co2+ and their determination by ICP-OES. Talanta, 2012, 99, 502-506.	5.5	28
52	Geobacillus thermoleovorans immobilized on Amberlite XAD-4 resin as a biosorbent for solid phase extraction of uranium (VI) prior to its spectrophotometric determination. Mikrochimica Acta, 2012, 178, 389-397.	5.0	36
53	Biosorption of 2,4â€d, 2,4â€DP, and 2,4â€DB from aqueous solution by using thermophilic anoxybacillus flavithermus and analysis by highâ€performance thin layer chromatography: Equilibrium and kinetic studies. Environmental Progress and Sustainable Energy, 2012, 31, 544-552.	2.3	13
54	Cd, Cu, Ni, Mn and Zn resistance and bioaccumulation by thermophilic bacteria, Geobacillus toebii subsp. decanicus and Geobacillus thermoleovorans subsp. stromboliensis. World Journal of Microbiology and Biotechnology, 2012, 28, 155-163.	3.6	45

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55	Cloud Point Extraction As a Preconcentration Step for Flame Atomic Absorption Spectrometric Determination of Pb. Atomic Spectroscopy, 2012, 33, 173-178.	1.2	3
56	Trace level determination of beryllium in natural and flavored mineral waters after pre-concentration using activated carbon. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2011, 28, 455-460.	2.3	16
57	Preconcentration of cadmium and nickel using the bioadsorbent Geobacillus thermoleovorans subsp. stromboliensis immobilized on Amberlite XAD-4. Mikrochimica Acta, 2010, 169, 79-85.	5.0	35
58	Bacillus sp. immobilized on Amberlite XAD-4 resin as a biosorbent for solid phase extraction of thorium prior to UV-vis spectrometry determination. Mikrochimica Acta, 2010, 171, 275-281.	5.0	34
59	DETERMINATION OF VANADIUM IN TURKISH ASPHALTITES. Oil Shale, 2010, 27, 331.	1.0	7
60	Off-line determination of trace silver in water samples and standard reference materials by cloud point extractionâ€“atomic absorption spectrometry. Proceedings of the Estonian Academy of Sciences, 2009, 58, 190.	1.5	16
61	Biosorption of Cd, Cu, Ni, Mn and Zn from aqueous solutions by thermophilic bacteria, Geobacillus toebii sub.sp. decanicus and Geobacillus thermoleovorans sub.sp. stromboliensis: Equilibrium, kinetic and thermodynamic studies. Chemical Engineering Journal, 2009, 152, 195-206.	12.7	195
62	The equilibrium and kinetics studies of flurbiprofen adsorption onto tetrabutylammonium montmorillonite (TBAM). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 335, 189-193.	4.7	43
63	Stability-indicating high performance thin layer chromatographic determination of sulfanilamide in human urine. Journal of Analytical Chemistry, 2009, 64, 714-720.	0.9	8
64	Stability-indicating HPTLC analysis of flurbiprofen in pharmaceutical dosage forms. Journal of Planar Chromatography - Modern TLC, 2009, 22, 349-354.	1.2	3
65	Synthesis of Bis(amino alcohol)oxalamides and Their Usage for the Preconcentration of Trace Metals by Cloud Point Extraction. Analytical Sciences, 2008, 24, 763-768.	1.6	9
66	Determination of Hydroxymethylfurfural in Turkish Honeys, Pekmez (Grape Molasses) and Jam Samples by Highâ€Performance Liquid Chromatography with Diode Array Detection. Journal of Food Processing and Preservation, 0, , .	2.0	1