

# Ersin KÄ+lÄ+nÃ§

## List of Publications by Year in descending order

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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	Biosorption of Cd, Cu, Ni, Mn and Zn from aqueous solutions by thermophilic bacteria, <i>Geobacillus toebii</i> sub.sp. <i>decanicus</i> and <i>Geobacillus thermoleovorans</i> sub.sp. <i>stromboliensis</i> : Equilibrium, kinetic and thermodynamic studies. <i>Chemical Engineering Journal</i> , 2009, 152, 195-206.	12.7	195
2	Simultaneous preconcentrations of Co <sup>2+</sup> , Cr <sup>6+</sup> , Hg <sup>2+</sup> and Pb <sup>2+</sup> ions by <i>Bacillus altitudinis</i> immobilized nanodiamond prior to their determinations in food samples by ICP-OES. <i>Food Chemistry</i> , 2017, 215, 447-453.	8.2	81
3	Preconcentration of metal ions using microbacteria. <i>Mikrochimica Acta</i> , 2013, 180, 719-739.	5.0	53
4	Biosorption of Heavy Metals (Cd <sup>2+</sup> , Cu <sup>2+</sup> , Co <sup>2+</sup> , and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 amylyoticus</i> : Equilibrium and Kinetic Studies. <i>Bioremediation Journal</i> , 2013, 17, 86-96.	2.0	53
5	Cd, Cu, Ni, Mn and Zn resistance and bioaccumulation by thermophilic bacteria, <i>Geobacillus toebii</i> subsp. <i>decanicus</i> and <i>Geobacillus thermoleovorans</i> subsp. <i>stromboliensis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 155-163.	3.6	45
6	The equilibrium and kinetics studies of flurbiprofen adsorption onto tetrabutylammonium montmorillonite (TBAM). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 335, 189-193.	4.7	43
7	Magnetic solid phase extractions of Co(II) and Hg(II) by using magnetized <i>C. micaceus</i> from water and food samples. <i>Food Chemistry</i> , 2019, 271, 232-238.	8.2	40
8	<sup>13</sup> -Fe <sub>2</sub> O <sub>3</sub> 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. <i>Food Chemistry</i> , 2018, 242, 533-537.	8.2	39
9	<i>Geobacillus thermoleovorans</i> immobilized on Amberlite XAD-4 resin as a biosorbent for solid phase extraction of uranium (VI) prior to its spectrophotometric determination. <i>Mikrochimica Acta</i> , 2012, 178, 389-397.	5.0	36
10	<sup>13</sup> -Fe <sub>2</sub> O <sub>3</sub> magnetic nanoparticle functionalized with carboxylated multi walled carbon nanotube: Synthesis, characterization, analytical and biomedical application. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 949-955.	2.3	36
11	Preconcentration of cadmium and nickel using the bioadsorbent <i>Geobacillus thermoleovorans</i> subsp. <i>stromboliensis</i> immobilized on Amberlite XAD-4. <i>Mikrochimica Acta</i> , 2010, 169, 79-85.	5.0	35
12	<i>Bacillus</i> sp. immobilized on Amberlite XAD-4 resin as a biosorbent for solid phase extraction of thorium prior to UV-vis spectrometry determination. <i>Mikrochimica Acta</i> , 2010, 171, 275-281.	5.0	34
13	Sensitive determination of bismuth by flame atomic absorption spectrometry using atom trapping in a slotted quartz tube and volatilization with organic solvent pulse. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 73, 84-88.	2.9	32
14	Preconcentrations and determinations of copper, nickel and lead in baby food samples employing <i>Coprinus silvaticus</i> immobilized multi-walled carbon nanotube as solid phase sorbent. <i>Food Chemistry</i> , 2019, 276, 174-179.	8.2	32
15	A new magnetized thermophilic bacteria to preconcentrate uranium and thorium from environmental samples through magnetic solid-phase extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113315.	2.8	29
16	<i>Pleurotus eryngii</i> immobilized Amberlite XAD-16 as a solid-phase biosorbent for preconcentrations of Cd <sup>2+</sup> and Co <sup>2+</sup> and their determination by ICP-OES. <i>Talanta</i> , 2012, 99, 502-506.	5.5	28
17	Preconcentrations of Ni(II) and Pb(II) from water and food samples by solid-phase extraction using <i>Pleurotus ostreatus</i> immobilized iron oxide nanoparticles. <i>Food Chemistry</i> , 2021, 336, 127675.	8.2	23
18	<i>Boletus edulis</i> loaded with <sup>13</sup> -Fe <sub>2</sub> O <sub>3</sub> nanoparticles as a magnetic sorbent for preconcentration of Co(II) and Sn(II) prior to their determination by ICP-OES. <i>Mikrochimica Acta</i> , 2018, 185, 73.	5.0	22

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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. <i>Mikrochimica Acta</i> , 2019, 186, 355.	5.0	22
20	Biosorption of chlorophenoxy acid herbicides from aqueous solution by using low-cost agricultural wastes. <i>Desalination and Water Treatment</i> , 2015, 56, 1898-1907.	1.0	21
21	Thermophilic <i>Geobacillus galactosidasius</i> sp. nov. loaded $\hat{3}$ -Fe <sub>2</sub> O <sub>3</sub> magnetic nanoparticle for the preconcentrations of Pb and Cd. <i>Bioresource Technology</i> , 2016, 201, 269-275.	9.6	21
22	Resistance, bioaccumulation and solid phase extraction of uranium (VI) by <i>Bacillus vallismortis</i> and its UV-vis spectrophotometric determination. <i>Journal of Environmental Radioactivity</i> , 2017, 171, 217-225.	1.7	21
23	Tolerance and bioaccumulation of U(VI) by <i>Bacillus mojavensis</i> and its solid phase preconcentration by <i>Bacillus mojavensis</i> immobilized multiwalled carbon nanotube. <i>Journal of Environmental Management</i> , 2017, 187, 490-496.	7.8	21
24	Preconcentrations of Ni(II) and Co(II) by using immobilized thermophilic <i>Geobacillus stearothermophilus</i> SO-20 before ICP-OES determinations. <i>Food Chemistry</i> , 2018, 266, 126-132.	8.2	20
25	Application of magnetized fungal solid phase extractor with Fe <sub>2</sub> O <sub>3</sub> nanoparticle for determination and preconcentration of Co(II) and Hg(II) from natural water samples. <i>Microchemical Journal</i> , 2018, 143, 198-204.	4.5	20
26	<i>In vitro</i> biological activities and fatty acid profiles of <i>Pistacia terebinthus</i> fruits and <i>Pistacia khinjuk</i> seeds. <i>Natural Product Research</i> , 2015, 29, 444-446.	1.8	18
27	Solid Phase Extraction Based on the Use of <i>Agaricus arvensis</i> as a Fungal Biomass for the Preconcentrations of Pb and Al Prior to Their Determination in Vegetables by ICP-OES. <i>Atomic Spectroscopy</i> , 2013, 34, 78-88.	1.2	18
28	Fullerene C <sub>60</sub> functionalized $\hat{3}$ -Fe <sub>2</sub> O <sub>3</sub> magnetic nanoparticle: Synthesis, characterization, and biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 298-304.	2.8	17
29	A Novel Biosorbent for Preconcentrations of Co(II) and Hg(II) in Real Samples. <i>Scientific Reports</i> , 2020, 10, 455.	3.3	17
30	Off-line determination of trace silver in water samples and standard reference materials by cloud point extraction-atomic absorption spectrometry. <i>Proceedings of the Estonian Academy of Sciences</i> , 2009, 58, 190.	1.5	16
31	Trace level determination of beryllium in natural and flavored mineral waters after pre-concentration using activated carbon. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 455-460.	2.3	16
32	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @ <i>Bacillus pumilis</i> : magnetised solid phase bio-extractor for preconcentration of Pb(II) and Cu(II) from water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 1112-1122.	3.3	16
33	Resistance and bioaccumulation of Cd <sup>2+</sup> , Cu <sup>2+</sup> , Co <sup>2+</sup> and Mn <sup>2+</sup> by thermophilic bacteria, <i>Geobacillus thermantarcticus</i> and <i>Anoxybacillus amylolyticus</i> . <i>Annals of Microbiology</i> , 2013, 63, 1379-1385.	2.6	14
34	In situ atom trapping of Bi on W-coated slotted quartz tube flame atomic absorption spectrometry and interference studies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 89, 14-19.	2.9	14
35	Selective preconcentration of Lanthanum(III) by <i>Coriolus versicolor</i> immobilised on Amberlite XAD-4 and its determination by ICP-OES. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 533-545.	3.3	14
36	Preconcentrations of Cu (II) and Mn (II) by magnetic solid-phase extraction on <i>Bacillus cereus</i> loaded $\hat{3}$ -Fe <sub>2</sub> O <sub>3</sub> nanomaterials. <i>Environmental Research</i> , 2022, 209, 112766.	7.5	14

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37	Biosorption of 2,4- $\text{Cd}$ , 2,4- $\text{DP}$ , and 2,4- $\text{DB}$ from aqueous solution by using thermophilic anoxybacillus flavithermus and analysis by high-performance thin layer chromatography: Equilibrium and kinetic studies. Environmental Progress and Sustainable Energy, 2012, 31, 544-552.	2.3	13
38	Preconcentration with <i>Bacillus subtilis</i> "Immobilized Amberlite XAD-16: Determination of $\text{Cu}^{2+}$ and $\text{Ni}^{2+}$ in River, Soil, and Vegetable Samples. Bioremediation Journal, 2015, 19, 47-55.	2.0	13
39	Comparison of Cd(II) preconcentrations by using magnetized Pleurotus eryngii and Coprinus micaceus and its determination in real samples. Microchemical Journal, 2019, 144, 19-25.	4.5	13
40	Phallus impudicus loaded with $\text{Fe}_2\text{O}_3$ 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
41	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
42	Investigations of Hg(II) and Pb(II) tolerance, removal and bioaccumulation and their effects on antioxidant enzymes on thermophilic <i>Exiguobacterium profundum</i> . Human and Ecological Risk Assessment (HERA), 2020, 26, 1234-1253.	3.4	12
43	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
44	Magnetic solid-phase extraction based on <i>Coriolus versicolor</i> -immobilized- $\text{Fe}_2\text{O}_3$ nanoparticles for preconcentration and determination of Al(III) in water and food samples. Turkish Journal of Chemistry, 2019, 43, 1217-1228.	1.2	11
45	Resistance, removal, and bioaccumulation of Ni (II) and Co (II) and their impacts on antioxidant enzymes of <i>Anoxybacillus mongoliensis</i> . Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 235, 108790.	2.6	11
46	The Use of Fungal Biomass <i>Agaricus bisporus</i> Immobilized on Amberlite XAD-4 Resin for the Solid-Phase Preconcentration of Thorium. Bioremediation Journal, 2014, 18, 38-45.	2.0	10
47	Determination of trace Bi by ICP-OES after magnetic solid phase extraction with fullerene $\text{C}_{60}$ modified $\text{Fe}_2\text{O}_3$ superparamagnetic iron oxide nanoparticles. Analytical Methods, 2015, 7, 10306-10311.	2.7	10
48	Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on <i>Coprinus atramentaria</i> . International Journal of Environmental Analytical Chemistry, 2020, 100, 992-1003.	3.3	10
49	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
50	Stability-indicating high performance thin layer chromatographic determination of sulfanilamide in human urine. Journal of Analytical Chemistry, 2009, 64, 714-720.	0.9	8
51	Preconcentration of Sn in Real Water Samples by Solid Phase Extraction Based on the Use of <i>Helvella leucopus</i> as a Fungal Biomass Prior to its Determination by ICP-OES. Atomic Spectroscopy, 2013, 34, 133-139.	1.2	8
52	DETERMINATION OF VANADIUM IN TURKISH ASPHALTITES. Oil Shale, 2010, 27, 331.	1.0	7
53	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
54	Comparative solid phase extraction study on the U(VI) preconcentration by using immobilized thermotolerant <i>Bacillus vallismortis</i> and <i>Bacillus mojavensis</i> . Journal of Radioanalytical and Nuclear Chemistry, 2018, 315, 185-193.	1.5	5

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55	Development of Armillae mellea immobilized nanodiamond for the preconcentrations of Cr(III), Hg(II) and Zn(II). <i>Analytical Biochemistry</i> , 2021, 617, 114122.	2.4	5
56	Preconcentrations of Zn(II) and Hg(II) in Environmental and Food Samples by SPE on <i>B. licheniformis</i> Loaded Amberlite XAD-4. <i>Biological Trace Element Research</i> , 2022, 200, 1972-1980.	3.5	5
57	Bioaccumulation, Resistance, Removal of U(VI) and Th(IV) and Their Effects on Antioxidant Enzymes on Thermophilic <i>Anoxybacillus flavithermus</i> ST15. <i>Geomicrobiology Journal</i> , 2022, 39, 54-65.	2.0	5
58	A novel bio-solid phase extractor for preconcentrations of Hg and Sn in food samples. <i>Environmental Research</i> , 2022, 207, 112231.	7.5	4
59	Stability-indicating HPTLC analysis of flurbiprofen in pharmaceutical dosage forms. <i>Journal of Planar Chromatography - Modern TLC</i> , 2009, 22, 349-354.	1.2	3
60	Fractionation of Ni, Cr and Cu from Soil by Sequential Extraction Procedure and Determination by Inductively Coupled Plasma Optical Emission Spectrometry. <i>Clean - Soil, Air, Water</i> , 2013, 41, 1229-1234.	1.1	3
61	Cloud Point Extraction As a Preconcentration Step for Flame Atomic Absorption Spectrometric Determination of Pb. <i>Atomic Spectroscopy</i> , 2012, 33, 173-178.	1.2	3
62	Simultaneous high-performance thin-layer chromatographic determination of indole acetic acid, indole butyric acid, and Absisic acid in vitro seedling of watermelon exposed to heavy metals. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 108-111.	1.2	2
63	Bioaccumulation, tolerance, and removal of U(VI) and Th(IV) by a novel thermophilic <i>Bacillus cereus</i> ST14 isolated from hot spring mud samples in Afyonkarahisar, Turkey. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 4341-4353.	4.6	2
64	The Role of Trace Elements in the Malignant-Benign Differentiation of Pleural Effusions. <i>Journal of Clinical and Analytical Medicine</i> , 2016, 07, .	0.1	1
65	Determination of Hydroxymethylfurfural in Turkish Honeys, Pekmez (Grape Molasses) and Jam Samples by High-Performance Liquid Chromatography with Diode Array Detection. <i>Journal of Food Processing and Preservation</i> , 0, , .	2.0	1
66	Chemical fractionation of nickel in asphaltite based bottom ash. <i>Chemical Speciation and Bioavailability</i> , 2013, 25, 113-118.	2.0	0