

Serife Tokalioglu

List of Publications by Year in descending order

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67
papers

2,784
citations

186265

28
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182427

51
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68
all docs

68
docs citations

68
times ranked

3050
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Bioaccessibility of Cu, Mn, Fe, and Zn in Fruit and Vegetables by the In Vitro UBM and Statistical Evaluation of the Results. <i>Biological Trace Element Research</i> , 2023, 201, 1538-1546. | 3.5 | 4 |
| 2 | Preparation of polyacrylonitrile/polyindole conducting polymer composite and its use for solid phase extraction of copper in a certified reference material. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118826. | 3.9 | 12 |
| 3 | Determination of color additive tartrazine (E 102) in food samples after dispersive solid phase extraction with a zirconium-based metal-organic framework (UiO-66(Zr)-(COOH) ₂). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 731-741. | 2.3 | 11 |
| 4 | Stability of Arsenic Species During Bioaccessibility Assessment Using the In Vitro UBM and HPLC-ICP-MS Detection. <i>Biological Trace Element Research</i> , 2020, 198, 332-338. | 3.5 | 8 |
| 5 | Dispersive solid phase extraction of copper and lead from water and lichen samples with an activated carbon@Fe/Mn/O composite derived from sucrose-based activated carbon. <i>Analytical Methods</i> , 2019, 11, 5311-5319. | 2.7 | 3 |
| 6 | ICP-MS multi-element analysis for determining the origin by multivariate analysis of red pepper flakes from three different regions of Turkey. <i>LWT - Food Science and Technology</i> , 2019, 103, 301-307. | 5.2 | 21 |
| 7 | Core-shell Fe ₃ O ₄ polydopamine nanoparticles as sorbent for magnetic dispersive solid-phase extraction of copper from food samples. <i>Food Chemistry</i> , 2018, 263, 232-239. | 8.2 | 105 |
| 8 | Multivariate Statistical Analysis of Data and ICP-MS Determination of Heavy Metals in Different Brands of Spices Consumed in Kayseri, Turkey. <i>Food Analytical Methods</i> , 2018, 11, 2407-2418. | 2.6 | 27 |
| 9 | Dispersive solid-phase extraction with tannic acid functionalized graphene adsorbent for the preconcentration of trace beryllium from water and street dust samples. <i>Talanta</i> , 2018, 190, 397-402. | 5.5 | 34 |
| 10 | Magnetic dispersive solid phase extraction with graphene/ZnFe ₂ O ₄ nanocomposite adsorbent for the sensitive determination of mercury in water and fish samples by cold vapor atomic absorption spectrometry. <i>Microchemical Journal</i> , 2018, 142, 85-93. | 4.5 | 59 |
| 11 | Dispersive Solid-Phase Extraction of Rhodium from Water, Street Dust, and Catalytic Converters Using a Cellulose-Graphite Oxide Composite. <i>Analytical Letters</i> , 2017, 50, 63-79. | 1.8 | 7 |
| 12 | Novel Chelating Resin for Solid-Phase Extraction of Metals in Certified Reference Materials and Waters. <i>Analytical Letters</i> , 2017, 50, 364-378. | 1.8 | 4 |
| 13 | Vortexing/shaking-free solid phase extraction of lead(II) by using an urchin-like NiCo ₂ O ₄ hollow microsphere adsorbent. <i>Mikrochimica Acta</i> , 2017, 184, 1191-1198. | 5.0 | 12 |
| 14 | Zirconium-based highly porous metal-organic framework (MOF-545) as an efficient adsorbent for vortex assisted-solid phase extraction of lead from cereal, beverage and water samples. <i>Food Chemistry</i> , 2017, 237, 707-715. | 8.2 | 97 |
| 15 | Separation/preconcentration of trace Pb(II) and Cd(II) with 2-mercaptobenzothiazole impregnated Amberlite XAD-1180 resin and their determination by flame atomic absorption spectrometry. <i>Arabian Journal of Chemistry</i> , 2017, 10, 19-23. | 4.9 | 35 |
| 16 | Ionic liquid coated carbon nanospheres as a new adsorbent for fast solid phase extraction of trace copper and lead from sea water, wastewater, street dust and spice samples. <i>Talanta</i> , 2016, 159, 222-230. | 5.5 | 37 |
| 17 | Graphite Oxide Solid-Phase Extraction of Copper(II) and Lead(II) from Water, Food, Tobacco, and Hair. <i>Analytical Letters</i> , 2016, 49, 2193-2206. | 1.8 | 3 |
| 18 | Heavy metal speciation in various grain sizes of industrially contaminated street dust using multivariate statistical analysis. <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 369-376. | 6.0 | 97 |

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|----|--|-----|-----------|
| 19 | Nanosized spongelike Mn ₃ O ₄ as an adsorbent for preconcentration by vortex assisted solid phase extraction of copper and lead in various food and herb samples. <i>Food Chemistry</i> , 2016, 194, 463-469. | 8.2 | 54 |
| 20 | Spectrophotometric determination of basic fuchsin from various water samples after vortex assisted solid phase extraction using reduced graphene oxide as an adsorbent. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 378-384. | 3.9 | 17 |
| 21 | Uncertainty contributions to the measurement of dissolved Co, Fe, Pb and V in seawater using flow injection with solid phase preconcentration and detection by collision/reaction cellâ€”quadrupole ICPâ€”MS. <i>Talanta</i> , 2015, 133, 162-169. | 5.5 | 24 |
| 22 | Trace metals in tissues of the six most common fish species in the Black Sea, Turkey. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2015, 8, 25-31. | 2.8 | 32 |
| 23 | Preconcentration/Separation of Some Trace Metal Ions From Water Samples by a New Synthesized Chelating Resin. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 598-604. | 1.5 | 2 |
| 24 | Nano sponge Mn ₂ O ₃ as a new adsorbent for the preconcentration of Pd(II) and Rh(III) ions in sea water, wastewater, rock, street sediment and catalytic converter samples prior to FAAS determinations. <i>Talanta</i> , 2014, 128, 31-37. | 5.5 | 39 |
| 25 | Preconcentration of Ag and Pd ions using graphite oxide and 2,6-diaminopyridyne from water, anode slime and catalytic converter samples. <i>RSC Advances</i> , 2014, 4, 18108-18116. | 3.6 | 13 |
| 26 | Bioaccessibility of Cr, Cu, Fe, Mg, Mn, Mo, Se and Zn from nutritional supplements by the unified BARGE method. <i>Food Chemistry</i> , 2014, 150, 321-327. | 8.2 | 45 |
| 27 | Synthesis/characterization of a new chelating resin and on-line solid phase extraction for the determination of Ag(I) and Pd(II) from water, cream, anode slime and converter samples by flow injection flame atomic absorption spectrometry. <i>Talanta</i> , 2013, 105, 340-346. | 5.5 | 19 |
| 28 | On-line preconcentration/determination of zinc from water, biological and food samples using synthesized chelating resin and flame atomic absorption spectrometry. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 85-90. | 3.0 | 18 |
| 29 | Ultralayered Co ₃ O ₄ as a new adsorbent for preconcentration of Pb(II) from water, food, sediment and tobacco samples. <i>Talanta</i> , 2013, 115, 724-729. | 5.5 | 36 |
| 30 | A graphene/Co ₃ O ₄ nanocomposite as a new adsorbent for solid phase extraction of Pb(ii), Cu(ii) and Fe(iii) ions in various samples. <i>RSC Advances</i> , 2013, 3, 24650. | 3.6 | 50 |
| 31 | FAAS Determination of Ag(I) in Water, Anode Slime, Rock and Cream Samples by Solid Phase Extraction Method based on Sepabeads SP207/5-(p-Dimethylaminobenzylidene) Rhodanine Combination. <i>Journal of the Brazilian Chemical Society</i> , 2013, , . | 0.6 | 1 |
| 32 | Speciation and Preconcentration of Chromium from Water and Food Samples by Synthesized Chelating Resin. <i>Journal of the Brazilian Chemical Society</i> , 2013, , . | 0.6 | 2 |
| 33 | Additions and Corrections - Coprecipitative Preconcentration of Cr(III), Pb(II), Zn(II), Cd(II) and Mn(II) Ions with Al(III) and Fe(III) Carriers and Chromotrope 2B Reagent and their FAAS Determination in Various Water and Food Samples. <i>Journal of the Brazilian Chemical Society</i> , 2013, 24, 523-523. | 0.6 | 1 |
| 34 | Coprecipitative preconcentration of Cr(III), Pb(II), Zn(II), Cd(II) and Mn(II) Ions with Al(III) and Fe(III) carriers and chromotrope 2B reagent and their FAAS determination in various water and food samples. <i>Journal of the Brazilian Chemical Society</i> , 2013, , . | 0.6 | 0 |
| 35 | Synthesis, characterization and application of a chelating resin for solid phase extraction of some trace metal ions from water, sediment and tea samples. <i>Reactive and Functional Polymers</i> , 2012, 72, 722-728. | 4.1 | 18 |
| 36 | Determination of trace elements in commonly consumed medicinal herbs by ICP-MS and multivariate analysis. <i>Food Chemistry</i> , 2012, 134, 2504-2508. | 8.2 | 186 |

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|----|--|------|-----------|
| 37 | On-line Solid Phase Extraction of Copper in Water Samples with Flow Injection Flame Atomic Absorption Spectrometry. <i>Clean - Soil, Air, Water</i> , 2011, 39, 244-249. | 1.1 | 5 |
| 38 | Coprecipitation with Cu(II)-4-(2-Pyridylazo)-resorcinol for Separation and Preconcentration of Fe(III) and Ni(II) in Water and Food Samples. <i>Clean - Soil, Air, Water</i> , 2011, 39, 296-300. | 1.1 | 10 |
| 39 | Use of Cu(II) and Fe(III) N-benzoyl-N-phenylhydroxylamine coprecipitants for preconcentration of some trace metal ions in food samples. <i>Food Chemistry</i> , 2011, 127, 359-363. | 8.2 | 8 |
| 40 | An Assessment on Metal Sources by Multivariate Analysis and Speciation of Metals in Soil Samples Using the BCR Sequential Extraction Procedure. <i>Clean - Soil, Air, Water</i> , 2010, 38, 713-718. | 1.1 | 28 |
| 41 | Selective determination of copper and iron in various food samples by the solid phase extraction. <i>Food Chemistry</i> , 2010, 123, 183-187. | 8.2 | 67 |
| 42 | A new solid-phase extraction method for the determination of Cu(II) and Fe(III) in various samples by flame atomic absorption spectrometry using N-benzoyl-N-phenylhydroxylamine. <i>Mikrochimica Acta</i> , 2009, 164, 471-477. | 5.0 | 28 |
| 43 | A comparative study on the preconcentration of some metal ions in water samples with Cu(II) and Ni(II) salicylaldoxime coprecipitants. <i>Mikrochimica Acta</i> , 2009, 165, 129-133. | 5.0 | 14 |
| 44 | Solid phase extraction of Pd(II) on a newly synthesized chelating resin prior to determination by flame atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2009, 165, 347-352. | 5.0 | 26 |
| 45 | Indirect speciation of Cr(III) and Cr(VI) in water samples by selective separation and preconcentration on a newly synthesized chelating resin. <i>Analytica Chimica Acta</i> , 2009, 645, 36-41. | 5.4 | 54 |
| 46 | Solid phase extraction of Cu(II), Ni(II), Pb(II), Cd(II) and Mn(II) ions with 1-(2-thiazolylazo)-2-naphthol loaded Amberlite XAD-1180. <i>Environmental Monitoring and Assessment</i> , 2009, 152, 369-377. | 2.7 | 36 |
| 47 | Determination of lead and cadmium in food samples by the coprecipitation method. <i>Food Chemistry</i> , 2009, 113, 1314-1317. | 8.2 | 120 |
| 48 | Synthesis of a novel chelating resin and its use for selective separation and preconcentration of some trace metals in water samples. <i>Journal of Hazardous Materials</i> , 2009, 169, 593-598. | 12.4 | 45 |
| 49 | Atomic absorption spectrometric determination of Cd(II), Mn(II), Ni(II), Pb(II) and Zn(II) ions in water, fertilizer and tea samples after preconcentration on Amberlite XAD-1180 resin loaded with 1-(2-pyridylazo)-2-naphthol. <i>Journal of Analytical Chemistry</i> , 2009, 64, 609-614. | 0.9 | 21 |
| 50 | Synthesis and application of a new chelating resin functionalized with salicylaldoxime for the determination of Pb(II), Ni(II), Cu(II) and Mn(II) ions in water samples by flame atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2008, 162, 87-92. | 5.0 | 15 |
| 51 | Determination of Cd(II), Co(II), Cu(II), Ni(II), and Pb(II) ions by FAAS after Separation/Preconcentration using Amberlite XAD-1180 Chelating Resin Chemically Modified with o-Aminophenol. <i>Separation Science and Technology</i> , 2007, 42, 3199-3215. | 2.5 | 12 |
| 52 | Coprecipitation of lead and cadmium using copper(II) mercaptobenzothiazole prior to flame atomic absorption spectrometric determination. <i>Mikrochimica Acta</i> , 2007, 159, 133-139. | 5.0 | 46 |
| 53 | Investigation of heavy-metal uptake by vegetables growing in contaminated soils using the modified BCR sequential extraction method. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 417-430. | 3.3 | 49 |
| 54 | Preconcentration of trace elements by using 1-(2-Pyridylazo)-2-naphthol functionalized Amberlite XAD-1180 resin and their determination by FAAS. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 98-106. | 0.6 | 32 |

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| 55 | Fractionation of metals in street sediment samples by using the BCR sequential extraction procedure and multivariate statistical elucidation of the data. <i>Journal of Hazardous Materials</i> , 2006, 132, 80-89. | 12.4 | 262 |
| 56 | Multivariate analysis of the data and speciation of heavy metals in street dust samples from the Organized Industrial District in Kayseri (Turkey). <i>Atmospheric Environment</i> , 2006, 40, 2797-2805. | 4.1 | 203 |
| 57 | Bioavailability of Soil-Extractable Metals to Tea Plant by BCR Sequential Extraction Procedure. <i>Instrumentation Science and Technology</i> , 2004, 32, 387-400. | 1.8 | 26 |
| 58 | Determination of palladium in various samples by atomic absorption spectrometry after preconcentration with dimethylglyoxime on silica gel. <i>Analytica Chimica Acta</i> , 2004, 511, 255-260. | 5.4 | 106 |
| 59 | Statistical Evaluation of Bioavailability of Metals to Grapes Growing in Contaminated Vineyard Soils using Single Extractants. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 691-705. | 3.3 | 23 |
| 60 | Comparison of three sequential extraction procedures for partitioning of heavy metals in car park dusts. <i>Journal of Environmental Monitoring</i> , 2003, 5, 468-476. | 2.1 | 24 |
| 61 | Relationship between vegetable metal and soil-extractable metal contents by the BCR sequential extraction procedure: chemometrical interpretation of the data. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 935-952. | 3.3 | 26 |
| 62 | ATOMIC ABSORPTION SPECTROMETRIC DETERMINATION OF HEAVY METAL CONTENTS OF SOILS AROUND DIFFERENT HIGHWAYS IN TURKEY AND STATISTICAL INTERPRETATION OF THE DATA. <i>Instrumentation Science and Technology</i> , 2002, 20, 127-140. | 0.8 | 14 |
| 63 | Chemometrical Interpretation of Lake Waters after their Chemical Analysis by Using Aas, Flame Photometry and Titrimetric Techniques. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 291-305. | 3.3 | 11 |
| 64 | Determination of some trace metals in waters by flame atomic absorption spectrometry after preconcentration on Amberlite XAD-16 resin with sodium tetraborate. <i>Annali Di Chimica</i> , 2002, 92, 1119-26. | 0.6 | 2 |
| 65 | Determination of Heavy Metals in Soil Extracts and Plant Tissues at Around of a Zinc Smelter. <i>International Journal of Environmental Analytical Chemistry</i> , 2001, 80, 201-217. | 3.3 | 28 |
| 66 | Speciation and Determination of Heavy Metals in Lake Waters by Atomic Absorption Spectrometry after Sorption on Amberlite XAD-16 Resin.. <i>Analytical Sciences</i> , 2000, 16, 1169-1174. | 1.6 | 70 |
| 67 | Determination of heavy metals and their speciation in lake sediments by flame atomic absorption spectrometry after a four-stage sequential extraction procedure. <i>Analytica Chimica Acta</i> , 2000, 413, 33-40. | 5.4 | 238 |