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Araştırma Alanları

Kimya, Analitik Kimya, Adsorpsiyon Spektroskopisi, Atomik Kütle Spektrometrisi, Atomik ve Moleküler Spektroskopi, Ayırma Teknikleri, Emisyon Spektroskopisi, Gıda Analizleri, Mikro ve Yarımikro Analiz Yöntemleri, Spektroskopik Yöntemler, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Karadeniz Teknik Üniversitesi, Maçka Myo , Gıda İşleme, 2020 - Devam Ediyor
Araştırma Görevlisi, Karadeniz Teknik Üniversitesi, 2002 - 2010

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Characterization of the Adsorption Mechanism of Cadmium(II) and Methylene Blue upon Corncobs Activated Carbon**
GÜNDOĞDU A., Bozbeyoglu P., Imamoglu M., Baltaci C., DURAN C., BULUT V. N.
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- V. **Quality Properties of Wheat Breads Incorporated with Dried Sourdoughs Produced with Different Fermentation and Drying Methods**
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- VII. **Adsorption of Cu(II) ions from aqueous solution by hazelnut husk activated carbon prepared with potassium acetate**
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- VIII. **Environmental impact of Gumushane City, Turkey, waste area in terms of heavy metal pollution**
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- IX. **Investigation of Hydroxymethylfurfural Formation in Herle**
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- X. **A Novel Carrier Element-free Co-precipitation Method for Separation/Preconcentration of Lead and Cadmium Ions from Environmental Matrices**
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- XI. **SELECTIVE SEPARATION, PRECONCENTRATION AND DETERMINATION OF Pd(II) IONS IN ENVIRONMENTAL SAMPLES BY COPRECIPITATION WITH A 1,2,4-TRIAZOLE DERIVATIVE**
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- XII. **ASSESSMENT OF KINETICS, THERMODYNAMICS AND EQUILIBRIUM PARAMETERS OF CR(VI) BIOSORPTION ONTO Pinus brutia TEN**
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- XIII. **Separation and pre-concentration of palladium(II) from environmental and industrial samples by formation of a derivative of 1,2,4-triazole complex on Amberlite XAD-2010 resin**
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- XIV. **Physicochemical characteristics of a novel activated carbon produced from tea industry waste**
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- XV. **HEAVY METAL ANALYSIS BY MOSS SPECIES IN THE BLACK SEA REGION OF TURKEY**
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- XVI. **Adsorption of Phenol from Aqueous Solution on a Low-Cost Activated Carbon Produced from Tea Industry Waste: Equilibrium, Kinetic, and Thermodynamic Study**
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- XVII. **Dehydrated hazelnut husk carbon: a novel sorbent for removal of Ni(II) ions from aqueous solution**
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- XIX. **Kinetics and Isotherm Analysis of Basic Dyes Adsorption onto Almond Shell (*Prunus dulcis*) as a Low Cost Adsorbent**
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- XXII. **Determination of Some Elements in Moss Samples from North Eastern Anatolia, Turkey**
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- XXIV. **Evaluation of Adsorption Characteristics of Malachite Green onto Almond Shell (*Prunus dulcis*)**
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- XXV. **Removal of phenol from aqueous solutions by adsorption onto organomodified Tirebolu bentonite: Equilibrium, kinetic and thermodynamic study**
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- XXVIII. **Carrier element-free coprecipitation with 3-phenyl-4-o-hydroxybenzylidenamino-4,5-dihydro-1,2,4-triazole-5-one for separation/preconcentration of Cr(III), Fe(III), Pb(II) and Zn(II) from aqueous solutions**
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- XXIX. **Removal of Pb(II) ions from aqueous solution by a waste mud from copper mine industry: Equilibrium, kinetic and thermodynamic study**
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- XXX. **Carrier element-free coprecipitation (CEFC) method for the separation, preconcentration and speciation of chromium using an isatin derivative**
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- XXXI. **A Novel Method for Speciation of Chromium: Coprecipitation Without Carrier Element by Using a Triazole Derivative**
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- XXXII. **Biosorption of Heavy Metals by *Anoxybacillus gonensis* Immobilized on Diaion HP-2MG**
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- XXXIV. **Analysis of mosses along Sarp-Samsun highway in Turkey**
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- XXXV. **Removal of cadmium from aqueous solution by Nordmann fir (*Abies nordmanniana* (Stev.) Spach. Subsp *nordmanniana*) leaves**
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- XXXVII. **A new pH indicator based on 2,5-diaryl-1-salicylideneamino-1,3,4-triazole derivative**
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- XXXVIII. **Separation and enrichment of gold(III) from environmental samples prior to its flame atomic absorption spectrometric determination**
Senturk H. B., Gundogdu A., Bulut V. N., Duran C., Soylak M., Elci L., Tufekci M.
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- XXXIX. **A multi-element solid-phase extraction method for trace metals determination in environmental samples on Amberlite XAD-2000**
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- XL. **Solid-phase extraction of Mn(II), Co(II), Ni(II), Cu(II), Cd(II) and Pb(II) ions from environmental samples by flame atomic absorption spectrometry (FAAS)**
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- XLI. **Speciation of Cr(III) and Cr(VI) in environmental samples after solid phase extraction on amberlite XAD-2000**
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- XLII. **Determination of some trace metals in environmental samples by flame AAS following solid phase extraction with amberlite XAD-2000 resin after complexing with 8-hydroxyquinoline**
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- XLIV. **Heavy metals in compostable wastes: A case study in Gumushane, Turkey**
NAS S. S., Bayram A., BULUT V. N., GUENDOĞDU A.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.16, sa.9A, ss.1069-1075, 2007 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Adsorption Of Methylene Blue from Aqueous Solution with Sulfuric Acid Activated Corn Cobs: Equilibrium, Kinetics, and Thermodynamics Assessment**
BOZBEYOĞLU P., DURAN C., BALTACI C., GÜNDOĞDU A.
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II. İÇME SUYU ARITMA TESİSİ ATIK ÇAMURU ÜZERİNE METİLEN MAVİSİ ADSORPSİYONU VE YAPAY SİNİR AĞLARI İLE MODELLENMESİ

ÖZTÜRK N., ŞENTÜRK H. B., GÜNDOĞDU A., DURAN C.

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, cilt.25, sa.2, ss.1083-1104, 2020 (Hakemli Dergi)

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