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International Researcher IDs

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Publons / Web Of Science ResearcherID: JGU-0820-2023

ScopusID: 14070999000

Yoksis Researcher ID: 133909



Learning Knowledge

Doctorate

2005 - 2010

Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey

Postgraduate

2002 - 2005

Gazi University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey

Undergraduate

1997 - 2001

Gazi University, Fen-Edebiyat Fakültesi, Kimya Pr., Turkey

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Bazı eser elementlerin alüminyum oksit/tek duvarlı karbon nanotüp ve zirkonyum oksit/bor oksit nano malzemeleri kullanılarak katı faz özütlemeye tekniği ile zenginleştirilmesi ve tayini?, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2010

Postgraduate, Askorbik asit (C vitamini), iyodür ve tiosülfatın alevli atomik absorpsiyon spektrometresi ile dolaylı yöntemle tayini, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), 2005

Academic Titles / Tasks

Professor

2022 - Continues

Gazi University, Fen Fakültesi, Kimya

Published journal articles indexed by SCI, SSCI, and AHCI

- 1. Health risk assessment of chromium contamination in the nearby population of mining plants, situated at Balochistan, Pakistan**
Chandio T. A., Khan M. N., Muhammad M. T., Yalçinkaya Ö., Turan E., Kayış A. F.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.13, pp.16458-16469, 2021 (SCI-Expanded)
- 2. Fluoride and arsenic contamination in drinking water due to mining activities and its impact on local area population**
Chandio T. A., Khan M. N., Muhammad M. T., Yalçinkaya Ö., Wasim A. A., Kayış A. F.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.2, pp.2355-2368, 2021 (SCI-Expanded)
- 3. A Solid Phase Extraction Application of Hybrid Nano B2O3/ZrO2 for Separation and Determination of Trace Indium in Environmental Samples**
YALÇINKAYA Ö., ÇİFTÇİ H., ÇALIŞKAN Ç. E., Kalender O., Turker A. R.
SPECTROSCOPY AND SPECTRAL ANALYSIS, vol.38, no.4, pp.1283-1289, 2018 (SCI-Expanded)
- 4. HEAVY METAL BIOSORPTION OF COPPER IONS BY IMMOBILIZED BIOMASS OF STICHOCOCCUS SUBTILIS (KUTZING) KLERCKER**
Yalcin D., ÖZER T., ERKAYA İ. A., KAYIŞ A. F., YALÇINKAYA Ö.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.10, pp.5769-5774, 2017 (SCI-Expanded)
- 5. Evaluation of persistence of gunshot residue (GSR) using graphite furnace atomic absorption spectrometry (GFAAS) method**
Kara I., Yalcinkaya Ö.
BULGARIAN CHEMICAL COMMUNICATIONS, no.1, pp.101-108, 2017 (SCI-Expanded)
- 6. The Effect of Caffeic Acid Phenethyl Ester (CAPE) Fortification on the Liver Element Distribution that Occurs After Exercise**
AKIL M., KARABAĞ ÇOBAN F., YALÇINKAYA Ö.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.172, no.2, pp.419-423, 2016 (SCI-Expanded)
- 7. Speciation of inorganic selenium by solid phase extraction using nanozirconium oxide/boron oxide composite material**
Erdogan H., YALÇINKAYA Ö., Turker A. R.
TURKISH JOURNAL OF CHEMISTRY, vol.40, no.5, pp.772-783, 2016 (SCI-Expanded)
- 8. Analysis Of The Number Of Shots Using Graphite Furnace Atomic Absorption Spectrometry On The Gunshot Residues Deposited in The Barrel**
KARA İ., YALÇINKAYA Ö., LİSESİVDİN S. B., KASAP M.
SYLWAN, vol.159, no.1, pp.14-26, 2015 (SCI-Expanded)
- 9. High-resolution continuum source flame atomic absorption spectrometric (HR-CS FAAS) determination of trace aluminium and lead in water and some beverage samples after separation and preconcentration procedure**
ÇİFTÇİ H., Er C., YALÇINKAYA Ö., TEMÜZ M. M., Turker A. R.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.94, no.6, pp.579-593, 2014 (SCI-Expanded)
- 10. Solid Phase Extraction of Pb(II) in Water Samples on Amberlyst 36 and Determination of the Equilibrium, Kinetic and Thermodynamic Parameters of the Adsorption**

Tunceli A., YALÇINKAYA Ö., Turker A. R.

CURRENT ANALYTICAL CHEMISTRY, vol.9, no.3, pp.513-521, 2013 (SCI-Expanded)

11. **Preconcentration, Speciation, and Determination of Mercury by Solid Phase Extraction with Cold Vapor Atomic Absorption Spectrometry**
Turker A. R., Cabuk D., YALÇINKAYA Ö.
ANALYTICAL LETTERS, vol.46, no.7, pp.1155-1170, 2013 (SCI-Expanded)
12. **Assessment of arsenic, chromium, copper and manganese determination in thermal spring waters by electrothermal atomic absorption spectrometry using various chemical modifiers**
ACAR O., KALFA O. M., YALÇINKAYA Ö., Turker A. R.
ANALYTICAL METHODS, vol.5, no.3, pp.748-754, 2013 (SCI-Expanded)
13. **Determination and evaluation of gross alpha and beta activity concentrations and metal levels in thermal waters from Ankara, Turkey**
ACAR O., KALFA O. M., YALÇINKAYA Ö., Turker A. R.
TURKISH JOURNAL OF CHEMISTRY, vol.37, no.5, pp.805-811, 2013 (SCI-Expanded)
14. **Preconcentration of Aluminum on Nano ZrO₂/B₂O₃ and Its Determination by Flame Atomic Absorption Spectrometry**
YALÇINKAYA Ö., Erdogan H., ÇİFTÇİ H., Turker A. R.
SPECTROSCOPY LETTERS, vol.45, no.5, pp.344-351, 2012 (SCI-Expanded)
15. **MWCNT/nano-ZrO₂ as a new solid phase extractor: its synthesis, characterization, and application to atomic absorption spectrometric determination of lead**
KALFA O. M., YALÇINKAYA Ö., Turker A. R.
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.6, pp.885-898, 2012 (SCI-Expanded)
16. **Evaluation of Activation Energies for Cadmium Atomization on Different Atomizer Surfaces and Modifier Solutions in Electrothermal Atomic Absorption Spectrometry**
ACAR O., KALFA O. M., YALÇINKAYA Ö., Turker A. R.
SPECTROSCOPY LETTERS, vol.45, no.5, pp.315-323, 2012 (SCI-Expanded)
17. **Preconcentration and Determination of Manganese and Nickel from Various Water Samples by Nano Zirconium Oxide/Boron Oxide**
YALÇINKAYA Ö., Erdogan H.
SPECTROSCOPY LETTERS, vol.45, no.8, pp.602-608, 2012 (SCI-Expanded)
18. **The effect of aerobic exercise programme on trace element levels of young men**
Kara E., Akil M., YALÇINKAYA Ö.
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, vol.6, no.1, pp.165-168, 2012 (SCI-Expanded)
19. **Chelating agent free-solid phase extraction (CAF-SPE) of Co(II), Cu(II) and Cd(II) by new nano hybrid material (ZrO₂/B₂O₃)**
YALÇINKAYA Ö., KALFA O. M., Turker A. R.
JOURNAL OF HAZARDOUS MATERIALS, vol.195, pp.332-339, 2011 (SCI-Expanded)
20. **Determination of inorganic arsenic species by hydride generation atomic absorption spectrometry in water samples after preconcentration/separation on nano ZrO₂/B₂O₃ by solid phase extraction**
Erdogan H., YALÇINKAYA Ö., Turker A. R.
DESALINATION, vol.280, pp.391-396, 2011 (SCI-Expanded)
21. **Preconcentration of Trace Copper, Cobalt and Lead from Various Samples by Hybrid Nano Sorbent and Determination by FAAS**
YALÇINKAYA Ö., KALFA O. M., Turker A. R.
CURRENT ANALYTICAL CHEMISTRY, vol.7, no.3, pp.225-234, 2011 (SCI-Expanded)
22. **Chelating agent free solid phase extraction (CAF-SPE) method for separation and/or preconcentration of iron(III) ions**
YALÇINKAYA Ö., Kalfa O. M., Turker A. R.
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.2, pp.207-217, 2010 (SCI-Expanded)
23. **Synthesis of nano B₂O₃/TiO₂ composite material as a new solid phase extractor and its application to preconcentration and separation of cadmium**

Kalfa O. M., YALÇINKAYA Ö., Turker A. R.

JOURNAL OF HAZARDOUS MATERIALS, vol.166, no.1, pp.455-461, 2009 (SCI-Expanded)

24. **Application of full factorial design for the preconcentration of chromium by solid phase extraction with Amberlyst 36 resin**

Kenduzler E., YALÇINKAYA Ö., Baytak S., Turker A. R.

MICROCHIMICA ACTA, vol.160, no.4, pp.389-395, 2008 (SCI-Expanded)

25. **Separation and preconcentration of trace manganese from various samples with Amberlyst 36 column and determination by flame atomic absorption spectrometry**

Kenduzler E., Turker A. R., Yalcinkaya Ö.

TALANTA, no.4, pp.835-840, 2006 (SCI-Expanded)

Articles Published in Other Journals

1. **The regulatory effect of resveratrol on the elemental change in cardiac tissue after high-intensity exercise**

AKIL M., Karabağ F., YALÇINKAYA Ö.

Sport Sciences for Health, vol.19, no.4, pp.1375-1380, 2023 (ESCI)

2. **Determinations of Cadmium, Tin, Copper, Iron, and Zinc in Food Samples by Electrothermal and Flame Atomic Absorption Spectrometries**

ACAR O., Sankazan Dokumaci R., YALÇINKAYA Ö.

Gazi University Journal of Science, vol.36, no.1, pp.96-106, 2023 (Scopus)

3. **Electrochemical Determination of Furosemide Drug at Tranexamic Acid Gold Nanoparticles Modified Glassy Carbon Electrode**

Chandio T. A., YALÇINKAYA Ö., Khan M. N., Kayis E. C., Hassan A., KAYİŞ A. F.

PAKISTAN JOURNAL OF ANALYTICAL & ENVIRONMENTAL CHEMISTRY, vol.22, no.1, pp.172-179, 2021 (ESCI)

4. **Co-exposure of neurotoxic contaminants (Pb and Mn) in drinking water of Zhob District, Baluchistan Pakistan**

Chandio T. A., Khan M. N., Muhammad M. T., YALÇINKAYA Ö., KAYİŞ A. F.

Environmental Nanotechnology, Monitoring and Management, vol.14, 2020 (Scopus)

5. **Atık Sularda ICP-MS Cihazı ile Cıva Tayini ve Geçerli Kılınması Determination and Application of Mercury with ICP-MS Device in Waste Water**

Taner O., Kayis A. F., YALÇINKAYA Ö.

21. Yüz Yılda Fen ve Teknik, vol.13, pp.1-14, 2020 (Peer-Reviewed Journal)

6. **Removal of Copper II from Aqueous Solution by Pretreated *Saccharomyces cerevisiae* Meyen ex E C Hansen 251 TP 3 2**

TOSUN A., akçelik ö., YALÇINKAYA Ö., TÜRKER A. R., ERGUN M.

Gazi University Journal of SciencePart A: Engineering And Innovation, vol.3, no.4, pp.63-70, 2015 (Peer-Reviewed Journal)

7. **Determination and assessment of metal levels in thermal waters**

ACAR O., KALFA O. M., YALÇINKAYA Ö., TÜRKER A. R.

Gazi University Journal of Science, vol.27, no.2, pp.785-794, 2014 (Scopus)

8. **Calcium magnesium iron zinc cadmium lead copper and chromium determinations in brown meagre *Sciaena Umbra* bone stone by flame and electrothermal atomic absorption spectrometry**

ACAR O., KALFA O. M., YALÇINKAYA Ö., TÜRKER A. R.

Gazi University Journal of Science, vol.23, no.1, pp.41-48, 2010 (Scopus)

Books & Book Chapters

1. **Occupational Health and Safety for the 21st Century**

Türker A., İnam M. G., İlhan M. N., İnam O., Acar O., Yalçinkaya Ö., Çetintepe S. P., Türker A. R. (Editor)
Palme, Ankara, 2020

2. **Özsöz**

YALÇINKAYA Ö.

in: Nicel Kimyasal Analiz, Ali Rehber Türker, Editor, Palme, Ankara, pp.8-17, 2015

Refereed Congress / Symposium Publications in Proceedings

1. **Removal of Cr (III) from synthetic solution using untreated perlite**
AMANZHOL A. K., YALÇINKAYA Ö., ÇINAR ACAR B., YÜKSEKDAĞ Z.
8TH INTERNATIONAL TOKYO CONFERENCE ON INNOVATIVE STUDIES OF CONTEMPORARY SCIENCES, Tokyo, Japan, 12 January 2024, pp.4
2. **Metal Pollution from Cosmetic Products and Its Effects on Human Health**
ergin i., YALÇINKAYA Ö.
3.rd international cosmetic congress, Antalya, Turkey, 7 - 09 November 2020
3. **Gümüş İyonunun Duolite Xad 761 Üzerinde Adsorpsiyonun Kinetik ve Termodinamik Değişkenlerinin Belirlenmesi**
KAYIŞ A. F., YALÇINKAYA Ö.
XVI. Ulusal Spektroskopik Kongresi, Ankara, Turkey, 7 - 08 November 2019
4. **Moleküler Baskılanmış Manyetik Nanotaneçikler İle Gerçek Numunelerden Aflatoksin M1' İn Seçici Ayrılması**
KAYIŞ A. F., YALÇINKAYA Ö., TURAN E.
XVI. Ulusal Spektroskopik Kongresi, Turkey, 07 November 2019
5. **Saç boyalarında ve boyalı saçlarda ağır metal içeriklerinin belirlenmesi**
ergin i., YALÇINKAYA Ö.
2nd International Eurasian Conference on Biological and Chemical Sciences, 28 - 29 June 2019
6. **Hızlı sertleşen Trikalsiyum silikat esaslı Simanların kalsiyum salımlarının in vitro değerlendirilmesi**
Amer M., DENİZ ARISU H., YALÇINKAYA Ö.
Restoratif Dişhekimliği Derneği 22. Uluslararası Bilimsel Kongresi, Antalya, Turkey, 30 November - 02 December 2018
7. **PREPARATION OF AMINE FUNCTIONALIZED POLYMER BRUSH ON COTTON SURFACE VIA REVERSIBLE ADDITION-FRAGMENTATION CHAIN TRANSFER POLYMERIZATION FOR ENHANCED ADSORPTION OF Cu(II) AND Pb(II)**
ZENGİN A., YALÇINKAYA Ö.
I. INTERNATIONAL TURKISH WORLD ENGINEERING AND SCIENCE CONGRESS, 7 - 10 December 2017
8. **AĞIR METAL TAYİNİ İÇİN HİDROJEL TEMELLİ KOLORİMETRİK TAYİN SİSTEMLERİ**
değerli b., turan e., YALÇINKAYA Ö.
1st International Turkish World Engineering and Science Congress, 7 - 10 December 2017
9. **KLOROFENOLLERİN POLİETİLENİMİN KAPLI NANO Fe(0)-Pd(0) MODİFİYELİ SİLİKA NANO PARTİKÜLLERLE ATIK SULARDAN GİDERİMİ**
ergün m. a., turan e., YALÇINKAYA Ö.
I. INTERNATIONAL TURKISH WORLD ENGINEERING AND SCIENCE CONGRESS, 7 - 10 December 2017
10. **ATIK SU ÖRNEKLERİNDEKİ AĞIR METAL TAYİNLERİ İÇİN KULLANILAN YÖNTEMİN GEÇERLİ KILINMASI**
taner o., YALÇINKAYA Ö.
1st International Turkish World Engineering and Science Congress, 7 - 10 December 2017
11. **Heavy Metal Biosorption of copper ions by immobilized biomass of stichococcus subtilis**
yalçın d., ÖZER T., AÇIKGÖZ ERKAYA İ., KAYIŞ A. F., YALÇINKAYA Ö.
1st International Black Sea Congress Environmental Sciences, 31 August - 03 September 2016
12. **Bazı bitkilerde ve özütlerinde Zn, Cu, Cd ve Mn elementlerinin AAS ile tayini ve bu bitkilerin**

özütlerinin antimikrobiyal etkilerinin incelenmesi

ÇETE S., YALÇINKAYA Ö., TÜRKER A. R.

III. Ulusal Analitik Kimya Kongresi, 05 July 2006

Courses

İş Sağlığı ve Güvenliği II, Undergraduate, 2019 - 2020

İş sağlığı ve güvenliği I, Undergraduate, 2019 - 2020

Advising Theses

YALÇINKAYA Ö., Separation And Determination Of Aflatoxin M1 With Molecularly Imprinted Polymer, Postgraduate, A.Furkan(Student), 2021

YALÇINKAYA Ö., Validation Of Heavy Metal Determination By Icp-MS In Wastewater, Postgraduate, O.TANER(Student), 2019

YALÇINKAYA Ö., Determination Of Heavy Metal In Hair Dye And In Dyed Hair Samples, Postgraduate, İ.ERGİN(Student), 2019

YALÇINKAYA Ö., Preconcentration And Determination Of Cobalt(II) Using Dispersive Liquid Liquid Micro Extraction With Flame Atomic Absorption Spectrometry Detection, Postgraduate, E.TURAN(Student), 2018

Metrics

Publication: 47

Citation (WoS): 472

Citation (Scopus): 506

H-Index (WoS): 11

H-Index (Scopus): 11

Research Areas

Chemistry, Analytical Chemistry, Natural Sciences

Non Academic Experience

Gazi Üniversitesi

ANFA