

Prof. MELEK MERDİVAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: Q-2418-2015

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya (Dr), Turkey 1987 - 1994

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1985 - 1987

Undergraduate, Bogazici University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1979 - 1985

Dissertations

Doctorate, The Analysis of platinum metals in platinum catalysts by thin layer chromatography, Middle East Technical University, Fen Bilimleri Enstitüsü, Kimya (Dr), 1994

Postgraduate, Reactions of hydroxy ketones and unsaturated ketones with phenolic compounds, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1987

Research Areas

Analytical Chemistry

Academic Titles / Tasks

Professor, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2006 - Continues

Associate Professor, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2000 - 2006

Assistant Professor, Balikesir University, Faculty Of Arts And Sciences, Department Of Chemistry, 1994 - 1999

Research Assistant, Erciyes University, Fen Fakültesi, Kimya Bölümü, 1989 - 1994

Academic and Administrative Experience

Dokuz Eylul University, 2013 - 2016

Dokuz Eylul University, 2009 - 2012

Dokuz Eylul University, 2006 - 2009

Dokuz Eylul University, 2006 - 2009

Dokuz Eylul University, 2003 - 2006

Dicle University, 2000 - 2003

Balikesir University, 1997 - 1999

Courses

Doctorate

Separation Methods in Analytical Chemistry, Doctorate, 2014 - 2015

Postgraduate

TLC APPLICATIONS IN ANALYTICAL CHEMISTRY, Postgraduate, 2014 - 2015

TRACE METALS AND ANALYSIS, Postgraduate, 2014 - 2015

Undergraduate

Analytical Chemistry I, Undergraduate, 2022 - 2023

ANALİTİK KİMYA LABORATUVARI II, Undergraduate, 2014 - 2015

Analitik Kimya Laboratuvarı I, Undergraduate, 2014 - 2015

Analitik Kimya II, Undergraduate, 2014 - 2015

Supervised Theses

MERDİVAN M., Analysis of some drugs in complex matrices by microextraction techniques coupled with chromatographic techniques, Doctorate, M.SAAD(Student), 2023

MERDİVAN M., SPME-GC ile Türk goji meyvelerinin aroma profillerinin incelenmesi, Postgraduate, S.BABATOPE(Student), 2021

MERDİVAN M., Preconcentration and spectrophotometric determination of uranium in environmental water samples with various microextraction techniques, Postgraduate, F.TAHİROĞLU(Student), 2018

MERDİVAN M., Extraction of some metals from aqueous solutions using ionic liquids, Postgraduate, K.BOSTANCI(Student), 2018

MERDİVAN M., Determination of volatiles in echinacea by headspace solidphase microextraction coupled to gas chromatography-mass spectrometry, Postgraduate, M.KAYA(Student), 2017

MERDİVAN M., Progressing an extraction method for enrichment of tetracyclines before their chromatographic determination, Postgraduate, M.KAYNAKER(Student), 2015

MERDİVAN M., Çeşitli gıda ürünlerindeki bazı mikotoksinlerin ve metallerin farklı sıvı ekstraksiyon metodları kullanılarak kromatografik ve spektroskopik tayinleri, Doctorate, H.ANTEP(Student), 2013

MERDİVAN M., Çeşitli gıda ürünlerindeki bazı mikotoksinlerin ve metallerin farklı sıvı ekstraksiyon metodları kullanılarak kromatografik ve spektroskopik tayinleri, Doctorate, H.MİNE(Student), 2013

MERDİVAN M., sds from soil samples, Postgraduate, D.TOTUR(Student), 2013

MERDİVAN M., Hemimisel kaplı alumina/sds kullanarak toprak örneklerinden uranyumun ayrılması ve önderiştirilmesi, Postgraduate, D.TOTUR(Student), 2013

MERDİVAN M., Süt ve balda sülfonamidlerin kromatografik tayini, Postgraduate, S.ÖZGENÇ(Student), 2011

MERDİVAN M., Separation and preconcentration of gold using benzoylthiourea immobilized silica gel, Postgraduate, M.AYDIN(Student), 2011

MERDİVAN M., Şelatlayıcı reaktif yüklenmiş ve yüklenmemiş polimerik sorbentlerin eser düzeydeki metal iyonlarına karşı tutunma kapasitelerinin incelenmesi, Postgraduate, A.ÖZTÜRK(Student), 2010

MERDİVAN M., Porfirin kullanılarak bulutlanma noktası ekstraksiyonu ile bakır tayini, Postgraduate, F.KAPTAN(Student), 2010

MERDİVAN M., Cystoseira barbatula kullanarak sulu çözeltiden lantanyum(III) iyonunun ayrılması ve önderiştirilmesi, Postgraduate, D.KOCAİBİŞ(Student), 2009

MERDİVAN M., Bazı geçiş metallerinin ince tabaka kromatografisi ile nicel tayininde porfirinlerin kullanılabilirliği, Postgraduate, İ.KAYNAK(Student), 2009

MERĐIVAN M., Ekstazi tabletlerinin kimyasal profilendirilmesi, Postgraduate, H.DURMUŐ(Student), 2008
MERĐIVAN M., Kimyasal baęlı sorbent geliŐtirerek bazı metallerin önderiŐtirilmesi ve tayini, Doctorate, S.SEYHAN(Student), 2007
MERĐIVAN M., Türk üzüm sirkelerinde okratoksin a analizi, Postgraduate, H.MİNE(Student), 2007
MERĐIVAN M., Preconcentration and separation of palladium using solid phase extraction by benzoylthiourea immobilized silica, Postgraduate, Y.ÖZÜDOęRU(Student), 2006
MERĐIVAN M., Preconcentration of some precious metals using debt impregnated resin, Postgraduate, H.REFİKER(Student), 2005
MERĐIVAN M., Sulu çözeltide bazı lantanitlerin tayini için önderiŐtirme yönteminin uygunluęuna faktöriyel tasarım uygulanması, Postgraduate, C.GÖK(Student), 2005
MERĐIVAN M., Beyaz peynirde eser element tayini, Postgraduate, E.YILMAZ(Student), 2003
MERĐIVAN M., Bazı metal katyonlarının katı-sıvı ekstraksiyonu, Postgraduate, A.GÜNGÖR(Student), 2000

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Metal organic framework/clay composite for micro-dispersive solid-phase extraction of sulfonamides and penicillins in milk, and synthetic urine solution coupling with HPLC/DAD detection**
Aldoori M. S., Merdivan M., AltınıŐık Taęaç A.
MICROCHEMICAL JOURNAL, vol.184, no.part A, pp.1-5, 2023 (SCI-Expanded)
- II. **Chitosan and dicationic ionic liquid intercalated clay-coated solid-phase microextraction fiber for determination of sixteen polycyclic aromatic hydrocarbons in coffee and tea samples**
Erdem P., Taęaç A., Bozkurt S., MERĐIVAN M.
TALANTA, vol.235, 2021 (SCI-Expanded)
- III. **Biopolymer-imidazolium based dicationic ionic liquid modified clay bionanocomposite coating for solid-phase microextraction of phthalate esters**
Erdem P., ALTINIŐIK TAęAÇ A., Tashakkori P., SEYHAN BOZKURT S., MERĐIVAN M.
MICROCHEMICAL JOURNAL, vol.170, 2021 (SCI-Expanded)
- IV. **Utilization of montmorillonite nanocomposite incorporated with natural biopolymers and benzyl functionalized dicationic imidazolium based ionic liquid coated fiber for solid-phase microextraction of organochlorine pesticides prior to GC/MS and GC/ECD**
Tagac A. A., Erdem P., Bozkurt S., MERĐIVAN M.
ANALYTICA CHIMICA ACTA, vol.1185, 2021 (SCI-Expanded)
- V. **Fabrication of montmorillonite/ionic liquid composite coated solid-phase microextraction fibers for determination of phenolic compounds in fruit juices by gas chromatography and liquid chromatography**
Tashakkori P., ALTINIŐIK TAęAÇ A., MERĐIVAN M.
JOURNAL OF CHROMATOGRAPHY A, vol.1635, 2021 (SCI-Expanded)
- VI. **Dispersive micro-solid-phase extraction using chitosan/polymethacrylate/clay bionanocomposite followed by UV-Vis spectrophotometry for determination of zinc**
ERTUęRUL UYGUN H. D., Antep M., Demir M. N., MERĐIVAN M.
CHEMICAL PAPERS, vol.74, no.10, pp.3399-3408, 2020 (SCI-Expanded)
- VII. **Ionic Liquid-based Aqueous Two-phase System Coupled With Flame Atomic Absorption Spectrometry for the Preconcentration and Determination of Copper in Water Samples**
BOSTANCI K., MERĐIVAN M.
ATOMIC SPECTROSCOPY, vol.40, no.5, pp.193-198, 2019 (SCI-Expanded)
- VIII. **Vortex assisted in situ ionic liquid dispersive liquid-liquid microextraction for preconcentration of uranyl ion in water samples before spectrophotometric detection**
Tarhan F. T., Antep M., MERĐIVAN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.320, no.1, pp.1-7, 2019 (SCI-Expanded)
- IX. **Analysis of Echinacea flower volatile constituents by HS-SPME-GC/MS using laboratory-prepared**

and commercial SPME fibers

Kaya M., MERDİVAN M., Tashakkori P., Erdem P., Anderson J. L.

JOURNAL OF ESSENTIAL OIL RESEARCH, vol.31, no.2, pp.91-98, 2019 (SCI-Expanded)

- X. **Determination of Phthalate Esters in Water and Coffee by Solid-Phase Microextraction Using Vinyl Terminated Imidazolium Based Ionic Liquid Grafted on Graphene Oxide Coatings**
Tashakkori P., Erdem P., MERDİVAN M., SEYHAN BOZKURT S.
CHEMISTRYSELECT, vol.4, no.8, pp.2307-2313, 2019 (SCI-Expanded)
- XI. **Ionic liquid-based graphene oxide-coated fiber for headspace-solid phase microextraction of polycyclic aromatic hydrocarbons in water samples**
Erdem P., Tashakkori P., MERDİVAN M., SEYHAN BOZKURT S.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.5, pp.1383-1397, 2019 (SCI-Expanded)
- XII. **Determination of Tetracyclines in Milk, Eggs and Honey Using in-situ Ionic Liquid Based Dispersive Liquid-Liquid Microextraction**
Kaynaker M., Antep M., MERDİVAN M.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.73, no.1, pp.23-29, 2018 (SCI-Expanded)
- XIII. **Selective Preconcentration of Gold from Ore Samples**
Refiker H., MERDİVAN M., Aygun R. S.
INTERNATIONAL JOURNAL OF ANALYTICAL CHEMISTRY, vol.2018, 2018 (SCI-Expanded)
- XIV. **Determination of volatile polycyclic aromatic hydrocarbons in waters using headspace solid-phase microextraction with a benzyl-functionalized crosslinked polymeric ionic liquid coating**
MERDİVAN M., Pino V., Anderson J. L.
ENVIRONMENTAL TECHNOLOGY, vol.38, no.15, pp.1897-1904, 2017 (SCI-Expanded)
- XV. **Removal of methylene blue from aqueous solutions by brown alga *Cystoseira barbata***
ÖZÜDOĞRU Y., MERDİVAN M., GÖKSAN T.
DESALINATION AND WATER TREATMENT, vol.62, pp.267-272, 2017 (SCI-Expanded)
- XVI. **Ultrasound-assisted surfactant/ionic liquid aqueous two-phase system extraction prior to high performance liquid chromatography for the determination of tetracyclines in milk and honey samples**
ANTEP H. M., MUMCU T., BOSTANCI K., SEYHAN BOZKURT S., MERDİVAN M.
TURKISH JOURNAL OF CHEMISTRY, vol.41, no.6, pp.955-966, 2017 (SCI-Expanded)
- XVII. **Use of ionic liquid based chitosan as sorbent for preconcentration of fluoroquinolones in milk, egg, fish, bovine, and chicken meat samples by solid phase extraction prior to HPLC determination**
SEYHAN BOZKURT S., Erdogan D., Antep M., DEMİR M. N., MERDİVAN M.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.39, no.1, pp.21-29, 2016 (SCI-Expanded)
- XVIII. **A comparison of biosorption capacities of *cystoseira barbota* and *caulerpa racemosa* using cd (ii) and co (ii) IONS**
Cirik Y. O., Buvukates Y., MERDİVAN M.
Fresenius Environmental Bulletin, vol.23, pp.2016-2026, 2014 (SCI-Expanded)
- XIX. **A COMPARISON OF BIOSORPTION CAPACITIES OF *Cystoseira barbata* AND *Caulerpa racemosa* USING Cd (II) AND Co (II) IONS**
Cirik Y. O., BÜYÜKATEŞ Y., MERDİVAN M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.2016-2026, 2014 (SCI-Expanded)
- XX. **An alternative evaluation method for accumulated dead leaves of *Posidonia oceanica* (L.) Delile on the beaches: removal of uranium from aqueous solutions**
Aydin M., ÇAVAŞ L., MERDİVAN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.293, no.2, pp.489-496, 2012 (SCI-Expanded)
- XXI. **Use of pyrocatechol violet modified sodium dodecyl sulfate coated on alumina for separation and preconcentration of uranium(VI)**
TOTUR PAMIK D., SEYHAN BOZKURT S., MERDİVAN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.292, no.1, pp.321-327, 2012 (SCI-Expanded)

- XXII. **Separation and preconcentration of mercury in water samples by ionic liquid supported cloud point extraction and fluorimetric determination**
SEYHAN BOZKURT S., Ocakoglu K., MERDİVAN M.
MICROCHIMICA ACTA, vol.177, pp.47-52, 2012 (SCI-Expanded)
- XXIII. **Heavy metals uptake from aqueous solutions using marine algae (*Colpomenia sinuosa*): kinetics and isotherms**
Cirik Y., Bekci Z. M., BÜYÜKATEŞ Y., AK İ., MERDİVAN M.
CHEMISTRY AND ECOLOGY, vol.28, no.5, pp.469-480, 2012 (SCI-Expanded)
- XXIV. **Separation and preconcentration of palladium using benzoylthiourea immobilized on a cationic surfactant coated silica gel**
Tashakkori P., SEYHAN BOZKURT S., MERDİVAN M., BİNZET G., KÜLCÜ N.
ANALYTICAL METHODS, vol.4, no.12, pp.4135-4139, 2012 (SCI-Expanded)
- XXV. **Development of new dispersive liquid-liquid microextraction technique for the identification of zearalenone in beer**
ANTEP H. M., MERDİVAN M.
ANALYTICAL METHODS, vol.4, no.12, pp.4129-4134, 2012 (SCI-Expanded)
- XXVI. **Biosorption of uranium (VI) and thorium (IV) onto *Ulva gigantea* (Kützting) bliding: discussion of adsorption isotherms, kinetics and thermodynamic**
SEYHAN BOZKURT S., Molu Z. B., ÇAVAŞ L., MERDİVAN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.288, no.3, pp.867-874, 2011 (SCI-Expanded)
- XXVII. **Zearalenone Removal in Synthetic Media and Aqueous Part of Canned Corn by Montmorillonite K10 and Pillared Montmorillonite K10**
Bekci Z. M., Antep M. K., MERDİVAN M., YURDAKOÇ M. K.
JOURNAL OF FOOD PROTECTION, vol.74, no.6, pp.954-959, 2011 (SCI-Expanded)
- XXVIII. **Sorption of uranium using silica gel with benzoylthiourea derivatives**
Ayata S., Aydinci S., MERDİVAN M., BİNZET G., KÜLCÜ N.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.285, no.3, pp.525-529, 2010 (SCI-Expanded)
- XXIX. **Thin-Layer Chromatographic Mobility of Aryl-Substituted Porphyrins and Their Metalloporphyrins**
Kaynak I., SEYHAN BOZKURT S., Kurtbay H. M., MERDİVAN M.
JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.48, no.6, pp.513-516, 2010 (SCI-Expanded)
- XXX. **p-tert-Butylcalix[8]arene loaded silica gel for preconcentration of uranium(VI) via solid phase extraction**
Ayata S., MERDİVAN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.283, no.3, pp.603-607, 2010 (SCI-Expanded)
- XXXI. **Preconcentration of uranium(VI) and thorium(IV) from aqueous solutions using low-cost abundantly available sorbent**
ANT BURSALI E., MERDİVAN M., YURDAKOÇ M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.283, no.2, pp.471-476, 2010 (SCI-Expanded)
- XXXII. **Absorption and fluorescence properties of aryl substituted porphyrins in different media**
SEYHAN BOZKURT S., MERDİVAN M., Ayata S.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.75, no.2, pp.574-577, 2010 (SCI-Expanded)
- XXXIII. **DETERMINATION OF TRACE METAL IONS USING PORPHYRINS AS CHELATING AGENTS BY HIGH PERFORMANCE THIN LAYER CHROMATOGRAPHY-DENSITOMETRY**
SEYHAN BOZKURT S., Cavdar I. K., Kurtbay H. M., MERDİVAN M.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.33, no.6, pp.748-760, 2010 (SCI-Expanded)
- XXXIV. **Solid phase extraction of gold(III) on silica gel modified with benzoylthiourea prior to its determination by flame atomic absorption spectrometry**
SEYHAN BOZKURT S., MERDİVAN M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.158, pp.15-21, 2009 (SCI-Expanded)

- XXXV. **Densitometric HPTLC Analysis of the 5-Hydroxymethylfurfural Content of Turkish Fruit Wines and Vinegars**
Kurtbay H. M., Kaynak I., SEYHAN BOZKURT S., MERDİVAN M.
JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC, vol.22, no.5, pp.363-366, 2009 (SCI-Expanded)
- XXXVI. **Solid phase extractive preconcentration of silver from aqueous samples**
Ayata S., Kaynak I., MERDİVAN M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.153, pp.333-338, 2009 (SCI-Expanded)
- XXXVII. **Polymer supported 5,10,15,20-tetrakis(phenoxy acetic acid)porphyrin derivative for separation and preconcentration of d- and f-electron metals**
SEYHAN BOZKURT S., MERDİVAN M., Demirel N., HOŞGÖREN H.
MICROCHIMICA ACTA, vol.161, pp.87-93, 2008 (SCI-Expanded)
- XXXVIII. **Reduction of ochratoxin A levels in red wine by bentonite, modified bentonites, and chitosan**
Kurtbay H. M., Bekci Z., MERDİVAN M., YURDAKOÇ M. K.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.56, no.7, pp.2541-2545, 2008 (SCI-Expanded)
- XXXIX. **The effect of degree of impregnation in amberlite resins with organophosphorous extractants for Y(III), La(III), Ce(III), Th(IV) and U(VI) ions**
ANT BURSALI E., YURDAKOÇ M., MERDİVAN M.
SEPARATION SCIENCE AND TECHNOLOGY, vol.43, no.6, pp.1421-1433, 2008 (SCI-Expanded)
- XL. **Use of o-phenylene dioxydiacetic acid impregnated in Amberlite XAD resin for separation and preconcentration of uranium(VI) and thorium(IV)**
SEYHAN BOZKURT S., MERDİVAN M., Demirel N.
JOURNAL OF HAZARDOUS MATERIALS, vol.152, no.1, pp.79-84, 2008 (SCI-Expanded)
- XLI. **Solid-phase extraction of silver in geological samples and its determination by FAAS**
Refiker H. S., MERDİVAN M., Aygun R. S.
SEPARATION SCIENCE AND TECHNOLOGY, vol.43, no.1, pp.179-191, 2008 (SCI-Expanded)
- XLII. **Effect of molten caustic leaching on demineralization and desulfurization of asphaltite**
Duz M. Z., Erdogan S., Saydut A., MERDİVAN M., Hamamci C.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.30, no.17, pp.1637-1644, 2008 (SCI-Expanded)
- XLIII. **Application of iron-rich natural clays in Camlica, Turkey for boron sorption from water and its determination by fluorimetric-azomethine-H method**
Seyhan S., SEKİ Y., YURDAKOÇ M., MERDİVAN M.
JOURNAL OF HAZARDOUS MATERIALS, vol.146, pp.180-185, 2007 (SCI-Expanded)
- XLIV. **Relationship between wintertime atmospheric particulate matter and meteorological conditions in Diyarbakir (Turkey)**
Erdogan S., Baysal A., Akba O., Merdivan M., Hamamci C.
Asian Journal of Chemistry, vol.19, no.3, pp.1703-1708, 2007 (SCI-Expanded)
- XLV. **Solid phase extractive preconcentration of trace metals using p-tert-butylcalix[4]arene-1,2-crown-4-anchored chloromethylated polymeric resin beads**
Seyhan S., Colak M., MERDİVAN M., Demirel N.
ANALYTICA CHIMICA ACTA, vol.584, no.2, pp.462-468, 2007 (SCI-Expanded)
- XLVI. **Separation and preconcentration of La³⁺, Ce³⁺ and Y³⁺ using calix[4]resorcinarene impregnated on polymeric support**
Gok C., Seyhan S., MERDİVAN M., YURDAKOÇ M.
MICROCHIMICA ACTA, vol.157, pp.13-19, 2007 (SCI-Expanded)
- XLVII. **Chiral separation of amino acids using a chiral crown ether by impregnation on a polymeric support and monoamine modified silica gel**
Seyhan S., Turgut Y., MERDİVAN M., Hosgoren H.
TETRAHEDRON-ASYMMETRY, vol.17, no.11, pp.1700-1704, 2006 (SCI-Expanded)
- XLVIII. **Macro and micro element contents in fruiting bodies of wild edible mushrooms from Muğla in Southwest Anatolia, Turkey**

Erdoğan S., Yılmaz-Ersela F., Merdivan M.

Asian Journal of Chemistry, vol.18, no.3, pp.2159-2167, 2006 (SCI-Expanded)

- XLIX. **Use of benzoylthiourea immobilized on silica gel for separation and preconcentration of uranium(VI)**
MERDİVAN M., Seyhan S., Gok C.
MICROCHIMICA ACTA, vol.154, pp.109-114, 2006 (SCI-Expanded)
- L. **Chiral separation of amino acids by chiral octamide derivatives of calixarenes derived from resorcinol by impregnation on a polymeric support**
Seyhan S., Ozbayrak O., Demirel N., MERDİVAN M., Pirinccioglu N.
TETRAHEDRON-ASYMMETRY, vol.16, no.22, pp.3735-3738, 2005 (SCI-Expanded)
- L.I. **Matrix effects of concomitant species on the determination of nickel by inductively coupled plasma atomic emission spectrometry**
Akba O., Baysal A., Merdivan M., Hamamci C., Gumgum B.
Asian Journal of Chemistry, vol.17, no.3, pp.1518-1526, 2005 (SCI-Expanded)
- L.II. **Formation and characterization of humic acids from low rank anatolian coals by air oxidation**
Erdogan S., Duz M., MERDİVAN M., Hamamci C.
ENERGY SOURCES, vol.27, no.5, pp.423-430, 2005 (SCI-Expanded)
- L.III. **Basic nutrients and element contents of white cheese of diyarbakir in turkey**
MERDİVAN M., Yılmaz E., Hamamci C., Aygun R.
FOOD CHEMISTRY, vol.87, no.2, pp.163-171, 2004 (SCI-Expanded)
- L.IV. **Polymer supported humic acid for separation and preconcentration of thorium(IV)**
Erdogan S., MERDİVAN M., Hamamci C., Akba O., Baysal A.
ANALYTICAL LETTERS, vol.37, no.12, pp.2565-2575, 2004 (SCI-Expanded)
- L.V. **Thorium(IV) and uranium(VI) sorption studies on octacarboxymethyl-C-methylcalix[4]resorcinarene impregnated on a polymeric support**
Demirel N., MERDİVAN M., Pirinccioglu N., Hamamci C.
ANALYTICA CHIMICA ACTA, vol.485, no.2, pp.213-219, 2003 (SCI-Expanded)
- L.VI. **Levels of trace and major elements in illicit heroin**
Bora T., MERDİVAN M., Hamamci C.
JOURNAL OF FORENSIC SCIENCES, vol.47, no.5, pp.959-963, 2002 (SCI-Expanded)
- L.VII. **Sorption behaviour of uranium(VI) with N,N-dibutyl-N'-benzoylthiourea Impregnated in Amberlite XAD-16**
MERDİVAN M., Duz M., Hamamci C.
TALANTA, vol.55, no.3, pp.639-645, 2001 (SCI-Expanded)
- L.VIII. **Concentrations of trace elements in wild edible mushrooms**
Isiloglu M., Yılmaz F., MERDİVAN M.
FOOD CHEMISTRY, vol.73, no.2, pp.169-175, 2001 (SCI-Expanded)
- L.IX. **Phosphonate-based resins for the selective enrichment of uranium(VI)**
MERDİVAN M., Buchmeiser M., Bonn G.
ANALYTICA CHIMICA ACTA, vol.402, no.1-2, pp.91-97, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Graphene oxide-ionic liquid used as solid-phase microextraction coating for polyphenolic compounds' extraction and determination with gc-ms after on-fiber derivatization in wine**
Tashakkori P., Tagac A., MERDİVAN M.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, no.2, pp.411-426, 2020 (Scopus)
- II. **Determination of Tetracycline Residues After Ionic Liquid Assisted Dispersive Liquid Liquid Microextraction in Dairy Foods**
ANTEP H. M., kaynaker m., MERDİVAN M.

- Deu Muhendislik Fakultesi Fen ve Muhendislik, vol.20, no.59, pp.654-662, 2018 (Peer-Reviewed Journal)
- III. **METİLEN MAVİSİNİN MODİFİYE EDİLMİŞ Cystoseira barbata (STACKHOUSE) C. AGARDH KULLANILARAK BİYOSORPSİYONU**
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