

Lect. PhD SERPİL KILIÇ

Personal Information

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Education Information

Doctorate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Kimya-Biyokimya, Turkey 2002 - 2007

Postgraduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Kimya-Biyokimya, Turkey 1997 - 2000

Undergraduate, Van Yüzüncü Yıl University, Fen Fakültesi, Kimya, Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Çalışanların İş Sağlığı ve Güvenliği Eğitimlerinin Usul ve Esasları Hakkında Yönetmelik, AKDENİZ ÜNİVERSİTESİ, 2017

Education Management and Planning, TUBİTAK 2237 PROJE EĞİTİM ETKİNLİKLERİNİ DESTEKLEME PROG.EĞİTİMİ, AKDENİZ ÜNİVERSİTESİ, 2016

Education Management and Planning, MERCK GIDA MİKROBİYOLOJİSİ SEMİNERİ, MERCK, 2016

Education Management and Planning, YÜKSEK RESOLUSYONLU ORBITRAP LC-MS/MS TEKNOLOJİSİ GIDA VE PROTEOMICS UYGULAMALARI, REDOKS, 2016

Education Management and Planning, ORBITRAP LC-MS/MS TEKNOLOJİSİ VE UYGULAMALARI, REDOKS, 2015

Education Management and Planning, ÇİFT ODAKLAMA SEKTÖRLÜ YÜKSEK ÇÖZÜNÜRLÜKLÜ KÜTLE SPEKTROMETRE CİHAZI (DFS HRMS), REDOKS, 2012

Education Management and Planning, EXACTIVE BENCHTOP LC/MS ORBITRAP YÜKSEK ÇÖZÜNÜRLÜKLÜ KÜTLE SPEKTROMETRE CİHAZI, REDOKS, 2012

Education Management and Planning, FAST GC-FID, REDOKS, 2012

Education Management and Planning, LC/MS İLE BİRLESTİRİLMİŞ YÜKSEK ALAN ASİMETRİK DALGA İYON HAREKETLİLİĞİ SPEKTROMETRESİ (FAIMS), REDOKS, 2012

Education Management and Planning, TSQ QUANTUM ACCESS MAX LC-MS/MS, REDOKS, 2012

Quality Management, 2.AKDENİZ KALİTE SEMPOZYUMU, AKDENİZ ÜNİVERSİTESİ, 2012

Education Management and Planning, TSQ QUANTUM XLS GC-MS/MS, REDOKS, 2012

Education Management and Planning, ISQ GC-MS, REDOKS, 2012

Education Management and Planning, UPLC-CAD-DAD, REDOKS, 2012

Education Management and Planning, ASE 350, REDOKS, 2012

Education Management and Planning, IN RECOGNITION OF MERITORIOUS COMP. OF THE COURSE IN THE FUNDAMENTALS, APPLI. AND INSTRU. OF GFAAS, PERKIN ELMER, 2011

Education Management and Planning, LABORATUVAR GÜVENLİĞİ EĞİTİCİ EĞİTİMİ, T.C. SAĞLIK BAKANLIĞI

HIFZISSIHHA MERKEZİ BAŞKANLIĞI, 2011

Education Management and Planning, SU ANALİZ METOTLARINDA ALTERNATİF TEKNOLOJİ TANITIMI, SEM LABORATUVAR CİHAZLARI LTD.ŞTİ., 2010

Education Management and Planning, SAĞLIK BAKANLIĞININ MS OFIS 2007, T.C. SAĞLIK BAKANLIĞI, 2010

Quality Management, ISO 17025 GENERAL REQUIREMENTS FOR THE COMPETENCE OF TESTING AND CALIBRATION LABORATORIES, SİSTEM EĞİTİM BİLGİLENDİRME LTD.ŞTİ., 2010

Education Management and Planning, GENEL METROLOJİ VE KALİBRASYON, EGE KALMEM, 2009

Education Management and Planning, AZOT PROTEİN TAYİN CİHAZI KULLANICI EĞİTİMİ, VELD LTD., 2009

Occupational Health and Safety, TS18001OHSAS İŞ SAĞ. VE GÜVENLİĞİ YÖN. SİSTEMİ STAND, LAB. GÜV., KALİTE DÜNYASI, 2009

Quality Management, TS EN ISOIEC17025:2005 LABORATUVAR AKREDİTASYONU DÖKÜMANTASYON VE BİLGİLENDİRME, KALİTE DÜNYASI, 2009

Quality Management, ISO-9001, KALİTE DÜNYASI, 2009

Quality Management, ÖLÇÜM BELİRSİZLİĞİ, UZMAN AKREDİTASYON DANIŞMANLIK, 2009

Quality Management, TEST VE ANALİZLERDE İSTATİSTİK, UZMAN AKREDİTASYON DANIŞMANLIK, 2009

Education Management and Planning, MİKROBİYOLOJİK ANALİZ LABORATUVARLARININ AKREDİTASYONU STANDARTLARI EĞİTİMİ, KALİTE DÜNYASI, 2009

Education Management and Planning, MIKR. BİYO.ENZİM VE FERMAN.TEKN.LAB. ENZİM SAF.TEMEL YÖN.UYG.EĞ., TUBİTAK GEBZE, 2004

Dissertations

Doctorate, VAN KEDİSİNDEN 6-FOSFOGLUKONAT DEHİDROGENAZ ENZİMİNİN SAFLAŞTIRILMASI, KARAKTERİZASYONU, KİNETİĞİ VE HPLC TAYİN METODUYLA GELİŞTİRİLMESİ, Van Yüzüncü Yıl University, Kimya, Kimya-Biyokimya, 2007

Postgraduate, VAN GÖLÜ BALIĞINDAN(CHALCALBURNUS TARİCHİİ P.1811)ASETİLKOLİN ESTERAZ(E.C.3.1.1.7)ENZİMİNİN AFİNİTE KROMATOĞRAFİSİ İLE SAFLAŞTIRILMASI, Van Yüzüncü Yıl University, Kimya, Kimya-Biyokimya, 2000

Research Areas

Chemistry, Analytical Chemistry, Food Analysis, Chromatographic Analysis, Spectroscopical Methods, Biochemistry, Enzyme Kinetics, Trace Elements, Protein Chemistry, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Akdeniz University, -, Bahçe Tarımı, 2011 - Continues

Research Assistant PhD, Izmir Institute Of Technology, Faculty Of Science, Kimya, 2008 - 2009

Research Assistant, Van Yüzüncü Yıl University, Fen Fakültesi, Kimya, 1997 - 2008

Academic and Administrative Experience

Akdeniz University, Korkuteli Vocational School, 2016 - Continues

Courses

Organik Kimya (Tarla Bitkileri, Toprak Bilimi ve Bitki Besleme, Tarımsal Biyoteknoloji), Undergraduate, 2016 - 2017,

2015 - 2016

Organik Kimya(Zootekni), Undergraduate, 2016 - 2017, 2015 - 2016

Organik Kimya (Bitki Koruma, Bahçe Bitkileri), Undergraduate, 2016 - 2017

Organik Kimya(Bitki Koruma, Bahçe Bitkileri), Undergraduate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Determination of Toxic Metals in some Traditional Cosmetic Products and Health Risk Assessment**
Kilic S., Kilic M., SOYLAK M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.199, no.6, pp.2272-2277, 2021 (SCI-Expanded)
- II. **Effect of total solids standardization using different methods on mineral content of yoghurt**
ERGİN F., Kilic M., Kilic S., KÜÇÜKÇETİN A.
MLJEKARSTVO, vol.71, no.2, pp.103-111, 2021 (SCI-Expanded)
- III. **Determination of trace elements and human health risk assessment in bottled spring water:method validation**
KILIÇ S., KILIÇ M.
ATOMIC SPECTROSCOPY, vol.40, no.5, pp.161-166, 2019 (SCI-Expanded)
- IV. **Determination of Trace Elements and Human Health Risk Assessment in Bottled Spring Water: Method Validation**
Kilic S., Kilic M.
ATOMIC SPECTROSCOPY, vol.40, no.5, pp.161-166, 2019 (SCI-Expanded)
- V. **Survey of trace elements in bottled natural mineral waters using ICP-MS**
Kilic S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.191, no.7, 2019 (SCI-Expanded)
- VI. **Determination of Some Endocrine-Disrupting Metals and Organochlorinated Pesticide Residues in Baby Food and Infant Formula in Turkish Markets**
Kilic S., TONGUR T., Kilic M., ERKAYMAZ T.
FOOD ANALYTICAL METHODS, vol.11, no.12, pp.3352-3361, 2018 (SCI-Expanded)
- VII. **Health Risk Assessment of Exposure to Heavy Metals and Aflatoxins via Dietary Intake of Dried Red Pepper from Marketplaces in Antalya, Southern Turkey**
Kilic S., Cam I. B., TONGUR T., Kilic M.
JOURNAL OF FOOD SCIENCE, vol.83, no.10, pp.2675-2681, 2018 (SCI-Expanded)
- VIII. **Monitoring of metallic contaminants in energy drinks using ICP-MS**
Kilic S., CENGİZ M. F., Kilic M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.190, no.4, 2018 (SCI-Expanded)
- IX. **Evaluation of heavy metal risk potential in Bogacayi River water (Antalya, Turkey)**
CENGİZ M. F., Kilic S., YALÇIN F., Kilic M., YALÇIN M. G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.189, no.6, 2017 (SCI-Expanded)
- X. **"Principal Component Analysis of Integrated Metal Concentrations of Bogacayi Riverbank Sediments in Turkey"**
YALÇIN F., KILIÇ S., Nyamsari D. G., YALÇIN M. G., KILIÇ M.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.25, pp.471-485, 2016 (SCI-Expanded)
- XI. **Principal Component Analysis of Integrated Metal Concentrations of Bogacayi Riverbank Sediments in Turkey**
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POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.25, no.2, pp.471-485, 2016 (SCI-Expanded)

XIII. Metal Contamination in Fruit Juices in Turkey: Method Validation and Uncertainty Budget

Kilic S., Yenisoy-Karakas S., Kilic M.

FOOD ANALYTICAL METHODS, vol.8, no.10, pp.2487-2495, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **KIRMIZI PUL BİBER ÖRNEKLERİNDE ELEMENT İÇERİĞİNİN BELİRLENMESİ**
KILIÇ S., KILIÇ M.
GIDA THE JOURNAL OF FOOD, vol.44, no.6, pp.1000-1007, 2019 (Peer-Reviewed Journal)
- II. **Method validation for the determination of toxic elements in fizzy fruity mineral water drinks using ICP-MS**
KILIÇ S., KILIÇ M.
EurAsian Journal of BioSciences, vol.2, no.2, pp.38-41, 2019 (Scopus)
- III. **Aromatik Bitki ve Yağlarının Mineral Element Miktarlarının Karşılaştırılması**
KILIÇ S.
GIDA / THE JOURNAL OF FOOD, vol.43, pp.617-623, 2018 (Peer-Reviewed Journal)
- IV. **Laboratuvar Yeterlilik Testi Biber Tozu Örneğinde ICP-MS ile Element Analizi**
KILIÇ S., KILIÇ M.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.18, no.1, pp.112-117, 2018 (Peer-Reviewed Journal)
- V. **Van Kedisi Eritrositi'nden 6-Fosfoglukonat Dehidrogenaz Enzimi (E.C.1.1.1.44)'nin Saflaştırılması, Karakterizasyonu ve Kinetik Özellikleri**
KILIÇ S., Karataş F.
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.12, no.2, pp.187-194, 2017 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Method validation for the determination of toxic elements in fizzy fruity mineral water drinks using ICP-MS**
KILIÇ M., KILIÇ S.
2nd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019, pp.1
- II. **Determination of trace elements in bottled spring water**
KILIÇ S., KILIÇ M.
2nd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019, pp.1
- III. **Method validation for the determination of toxic elements in fizzy fruity mineral water drinks using ICP-MS**
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- IV. **Determination of trace elements in bottled spring water**
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2nd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019, pp.1
- V. **AKDENİZ'DE YAKALANAN KİRPİ (ERINACEUS EUROPAEUS) ÖRNEKLERİNDE GİRİŞİMSSEL OLMAYAN YÖNTEMLE AĞIR METAL KİRLİLİĞİ MARUZİYETİNİN DEĞERLENDİRMESİ**
YAVUZ M., KILIÇ S., TURNA DEMİR F.

2nd International Health Sciences and Life Congress, Burdur, Turkey, 24 - 27 April 2019, pp.343

- VI. **DETERMINATION OF TRACE ELEMENT CONTENTS IN STEVIA REBAUDIANA LEAVES AND EXTRACTS**
Durak N., KILIÇ S., AKPINAR K., CERTEL M.
3rd International Congress on Food Technology, Nevşehir, Turkey, 10 - 12 October 2018, pp.384
- VII. **DETERMINATION OF TRACE ELEMENT CONTENTS IN STEVIA REBAUDIANA LEAVES AND EXTRACTS**
Durak N., KILIÇ S., AKPINAR K., CERTEL M.
3rd International Congress on Food Technology, Nevşehir, Turkey, 10 - 12 October 2018, pp.384
- VIII. **Determination of the Aflatoxin in Red Peppers**
KILIÇ S., KILIÇ M., TONGUR T., ÇAM İ. B.
ITAC 2018, Sivas, Turkey, 20 - 23 June 2018, pp.124
- IX. **Determination of elements in red pepper samples by ICP-MS**
KILIÇ M., KILIÇ S., ÇAM İ. B., TONGUR T.
ITAC 2018, Sivas, Turkey, 20 - 23 June 2018, pp.116
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ITAC 2018, Sivas, Turkey, 20 - 23 June 2018, pp.116
- XI. **UHPLC-MS/MS Tandem Kütle Spektrometresi ile Arı Sütünde ve Arı Ürünlerinde 10-HDA İçeriğinin Belirlenmesi**
ERKAYMAZ T., KILIÇ S., KILIÇ M., TONGUR T.
ITAC 2018, Sivas, Turkey, 20 - 23 June 2018, pp.196
- XII. **Determination of trace element contents in plant teas collected from Antalya region by ICP-MS**
KILIÇ S., Soylak M.
ITAC 2018, Sivas, Turkey, 20 - 23 June 2018, pp.90
- XIII. **Determination of Cadmium, Lead and Organochlorine Pesticides in Baby Formulas and Baby Food**
KILIÇ M., KILIÇ S., TONGUR T., ERKAYMAZ T.
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- XX. **Determination of elements in red pepper samples by ICP-MS**
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KILIÇ M., KILIÇ S., TONGUR T., ERKAYMAZ T.
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- XXIII. **Risk Assessment of Lead Element in Red Peppers Collected from Marketplaces in Antalya, Southern Turkey**
KILIÇ S., ÇAM İ. B., KILIÇ M., TONGUR T.
ICACA 2018 : 20th International Conference on Agricultural Chemistry and Agrochemicals, Kopenhagen, Denmark, 11 - 12 June 2018, vol.12, no.6, pp.40
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- XXVII. **Heavy metal content of liver and kidney in levant vole *Microtus guentheri* (Danford and Alston 1880) in the polluted regions in Korkuteli, Antalya-Turkey.**
TURNA DEMİR F., KILIÇ S., YAVUZ M.
1st INTERNATIONAL HEALTH SCIENCE AND LIFE CONGRESS (IHSLC 2018) 02-05 May 2018, Burdur, Turkey, 2 - 05 May 2018, pp.129-130
- XXVIII. **Heavy metal content of liver and kidney in levant vole *Microtus guentheri* (Danford and Alston 1880) in the polluted regions in Korkuteli, Antalya-Turkey.**
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TURNA DEMİR F., KILIÇ S., YAVUZ M.
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- XXX. **ELEMENTAL ANALYSIS METHODS FOR VEGETABLE SAMPLES WITH ICP-MS**
KILIÇ M., KUL A. R., KILIÇ S.
USCEK 2017, Adana, Turkey, 23 - 25 October 2017, pp.284-285
- XXXI. **ELEMENTAL ANALYSIS METHODS FOR VEGETABLE SAMPLES WITH ICP-MS**
KILIÇ M., KUL A. R., KILIÇ S.
ULUSLARARASI SAĞLIK VE ÇEVRE KONGRESİ, Adana, Turkey, 23 - 25 October 2017, pp.1
- XXXII. **Proficiency Testing by Inductively Coupled Plasma Mass Spectrometry Multi-Elemental Analysis in the Chilli Powder**
KILIÇ S., KILIÇ M.
TURCMOS 2017, Muğla, Turkey, 26 - 29 August 2017, pp.325
- XXXIII. **Proficiency Testing by Inductively Coupled Plasma Mass Spectrometry Multi-Elemental Analysis in the Chilli Powder**

- KILIÇ S., KILIÇ M.
TURCMOS 2017, Muğla, Turkey, 26 - 29 August 2017, pp.325
- XXXIV. **EFFECT OF ACCELERATED SOLVENT EXTRACTION (ASE) SYSTEM TEMPERATURE ON THE AMOUNT OF PHENOLIC ACIDS IN THE METHANOLIC EXTRACT OF CHAMOMILE (MATRICARIA CHAMOMILLA L.)**
TONGUR T., KILIÇ S., ErKaymaz T., KILIÇ M.
1st International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 9 - 12 May 2017, pp.132
- XXXV. **EFFECT OF ACCELERATED SOLVENT EXTRACTION (ASE) SYSTEM TEMPERATURE ON THE AMOUNT OF PHENOLIC ACIDS IN THE METHANOLIC EXTRACT OF CHAMOMILE (MATRICARIA CHAMOMILLA L.)**
TONGUR T., KILIÇ S., ErKaymaz T., KILIÇ M.
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- XXXVI. **MINERAL AND FATTY ACID COMPOSITION OF NIGELLA SATIVA OIL**
KILIÇ S., TONGUR T., KILIÇ M., ErKaymaz T.
1st International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 9 - 12 May 2017, pp.1162
- XXXVII. **EFFECT OF ACCELERATED SOLVENT EXTRACTION (ASE) SYSTEM TEMPERATURE ON THE AMOUNT OF PHENOLIC ACIDS IN THE METHANOLIC EXTRACT OF CHAMOMILE (MATRICARIA CHAMOMILLA L.)**
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- XL. **İçme ve Kullanma Sularında İz Element Maruziyeti**
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- XLI. **İçme ve Kullanma Sularında İz Element Maruziyeti**
KILIÇ S., KILIÇ M.
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- XLII. **Determination of elemental compositions of energy drinks by ICP-MS**
KILIÇ S., CENGİZ M. F., KILIÇ M.
The 1 st Food Chemistry Conferences, Amsterdam, Netherlands, 30 October - 01 November 2016, pp.44
- XLIII. **Determination of Elemental Compositions of Energy Drinks by ICP-MS**
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- XLIV. **Determination Of Elemental Compositions Of Energy Drinks By ICP-MS**
KILIÇ S., CENGİZ M. F., KILIÇ M.
First Food Chemistry Conference, Amsterdam, Netherlands, 29 October - 02 November 2016, pp.10
- XLV. **İÇME VE KULLANMA SULARINDA UÇUCU ORGANİK MADDELERİN VE TRİHALOMETANLARIN PURGE&TRAP TUZAKLI GCMS CİHAZI İLE ANALİZ YÖNTEM VE KARŞILAŞILAN SORUNLAR**
KILIÇ S., KILIÇ M.
Ulusal Su ve Sağlık Kongresi, Antalya, Turkey, 26 - 30 October 2015, pp.438-439
- XLVI. **İÇME VE KULLANMA SULARINDA UÇUCU ORGANİK MADDELERİN VE TRİHALOMETANLARIN PURGE&TRAP TUZAKLI GCMS CİHAZI İLE ANALİZ YÖNTEM VE KARŞILAŞILAN SORUNLAR**
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- XLVII. **Spectroscopic Characterisation of 6-Phosphogluconate Dehydrogenase Enzyme Purified from the Van Cat Erythrocytes**
KILIÇ S., Karataş F.
TURCMOS 2015, Antalya, Turkey, 13 - 18 September 2015, pp.80
- XLVIII. **Chemical Content and Statistical Correlation of Rare Earth Elements (REE) Between Boğaçayı**

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