

## ÖZGEÇMİŞ



**Adı Soyadı:** Süleyman BODUR

**Doğum Tarihi:** 09/03/1994

**Doğum Yeri:** İstanbul/Turkey

### İş Deneyimleri:

İşyeri	Yıl	Pozisyon
<b>İnnova Kuyumculuk Hediyelik Eşya San. Ve Tic. Anonim Şirketi</b>	2018	Stajyer
<b>TUSEB Projesi</b>	2020 (Haziran) – 2020 (Aralık)	Yardımcı Personel
<b>Likrom Analitik Çözümler Paz. San. ve Tic. A.Ş</b>	2021 (Ocak) – 2022 (Nisan)	Müşteri Destek Mühendisi
<b>İstinye Üniversitesi</b>	2022 (Nisan) – Devam ediyor	Araştırma Görevlisi

### Öğrenim Durumu

Derece	Bölüm/Program	Üniversite	Yıl	Ortalama
Undergraduate	Chemistry	Yıldız Technical University	2013 – 2019	2.83
Master	Analytical Chemistry	Yıldız Technical University	2019 – Devam Ediyor	-

**Lisans Tez Başlığı:** An Accurate and Sensitive Determination of Bismuth at Trace Levels in Mineral and Bottled Water by T-Shaped Slotted Quartz Tube-Atom Trap-Flame Atomic Absorption Spectrometry

### Araştırma Alanları

- Atomik Spektroskopi
- Ayırma Teknikleri
- Önderiştirme Yöntemleri
- Kromatografi
- Kütle Spektroskopisi
- İzotop Seyreltme Teknikleri
- Atom Tuzaklama Teknikleri
- Türevlendirme Yöntemleri
- Organik ve Anorganik Kirleticilerin Tayinleri
- Ultraviyole Uçucu Türev Oluşturma Yöntemi
- Türlendirme
- Biyolojik, Çevre ve Gıda Örnekleri

### Çalıştığı Cihazlar

- Yüksek Performanslı Sıvı Kromatografisi
- Gaz Kromatografisi
- Alevli Atomik Absorpsiyon Spektrometresi
- İndüktif Eşleşmiş Plazma – Optik Emisyon Spektrometresi
- Birleştirilmiş Sistemler (GC-MS, LC-MS/MS, HPLC-ICP-OES, HPLC-FAAS)

### Projelerde Yaptığı Görevler:

Proje Adı	Projedeki Görev	Projenin Alındığı Merci	Projeden Elde Edilen Sonuç
Atom Tuzaklı Yarıklı Kuvars Tüp- Alev Atomik	Yürütücü (15.12.2017 – 15.09.2018)	TÜBİTAK 2209-A Üniversite Öğrencileri Yurt İçi	1 uluslararası yayın ( <i>Analytical Letters</i> , 52(3), 539–549))

Absorpsiyon Spektrofotometre Sisteminde Bizmutun İçme Suyu ve Maden Suyu Örneklerinde Eser Seviyelerde Tayini		Araştırma Projeleri Destek Programı	1 uluslararası bildiri (11 <sup>th</sup> Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece)
Özgün Sıvı-Sıvı Mikroekstraksiyon İzotop Seyreltme Kütle Spektroskopisi Yöntemleri Kullanılarak Bisfenol A'nın Farklı Çevre Örneklerinde Yüksek Doğruluk ve Duyarlılıkta Tayini	Araştırmacı (10.01.2020 – 25.12.2020)	Yıldız Teknik Üniversitesi, FCD-2020-3776	2 uluslararası yayın ( <i>New Journal of Chemistry</i> , 44, 13685–13691, <i>Microchemical Journal</i> , 159 (December), 105532)
Konya Altınapa Barajı'na Pestisit Taşınımının Modellenmesi ve Giderimi için Yenilikçi İleri Arıtım Yöntemlerinin Geliştirilmesi	Bursiyer (21.08.2019 – 31.12.2020)	TÜBİTAK 1001	1 uluslararası yayın ( <i>Bulletin of Environmental Contamination and Toxicology</i> , 105, 460–467)
SARS-CoV-2 (COVID-19) Tedavisinde Kullanılan Klorokin ve Hidroksiklorokin Kimyasallarının Kan, İdrar ve	Yardımcı Personel (01.06.2020 – 31.12.2020)	TÜSEB 2020CV01-8946	5 uluslararası yayın ( <i>Journal of Pharmacological and Toxicological Methods</i> , 108, 106949, <i>Journal of Pharmaceutical</i>

Tükürük Örneklerinde Yüksek Doğruluk ve Duyarlılıkta Hızlı Tayinlerine Yönelik İzotop Seyreltme Esaslı Analitik Yöntem Geliştirilmesi				<i>Analysis, 11(3), 278–283, Journal of Chromatography A, 1651, 462273, Journal of Pharmacological and Toxicological Methods, 113, 107130, Rapid Communication in Mass Spectrometry, 36 (12), e9282)</i>
Özgün Dörtlü İzotop Seyreltme Yöntemi Kullanılarak Kan ve İdrar Örneklerinde Eser Seviyelerde Bulunan Parasetamolün Yüksek Doğruluk ve Duyarlılıkta Tayini	Araştırmacı (14.04.2021 – Devam Ediyor)	Yıldız Teknik Üniversitesi, FBA- 2021-4215	-	

### SCI-SSCI Expanded İndekslerine Giren Dergilerde Yayınlanan Makaleler

- [1] M. Fırat, S. Bodur, B. Tışlı, C. Özlü, D.S. Chormey, F. Turak, S. Bakırdere, Vortex-assisted switchable liquid-liquid microextraction for the preconcentration of cadmium in environmental samples prior to its determination with flame atomic absorption spectrometry, *Environ. Monit. Assess.* 190 (2018) 1–8. <https://doi.org/10.1007/s10661-018-6786-0>.
- [2] D.S. Chormey, S. Bodur, D. Baskın, M. Fırat, S. Bakırdere, Accurate and sensitive determination of selected hormones, endocrine disruptors, and pesticides by gas chromatography–mass spectrometry after the multivariate optimization of switchable solvent liquid-phase microextraction, *J. Sep. Sci.* 41 (2018) 2895–2902.

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- [3] S. Erarpat, S. Bodur, D.S. Chormey, S. Bakırdere, Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4-n-nonylphenol in municipal wastewater, *Microchem. J.* 144 (2019) 1–5. <https://doi.org/10.1016/j.microc.2018.08.049>.
- [4] S. Bodur, S. Erarpat, D. Selali Chormey, Ç. Büyükpınar, S. Bakırdere, Determination of Bismuth in Bottled and Mineral Water Samples at Trace Levels by T-Shaped Slotted Quartz tube-Atom Trap-Flame Atomic Absorption Spectrometry, *Anal. Lett.* 52 (2019) 539–549. <https://doi.org/10.1080/00032719.2018.1477790>.
- [5] S. Bodur, E.G. Bakırdere, Simultaneous determination of selected herbicides in dam lake, river and well water samples by gas chromatography mass spectrometry after vortex assisted binary solvent liquid phase microextraction, *Microchem. J.* 145 (2019) 168–172. <https://doi.org/10.1016/j.microc.2018.10.033>.
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- [9] S. Bodur, C. Özlü, B. Tıslı, M. Fırat, D.S. Chormey, S. Bakırdere, Analytical protocol for determination of endosulfan beta, propham, chlorpyrifos, and acibenzolar-s-methyl in lake water and wastewater samples by gas chromatography–mass spectrometry after dispersive liquid–liquid microextraction, *Environ. Monit. Assess.* 192 (2020) 1–9. <https://doi.org/10.1007/s10661-020-8214-5>.

- [10] S. Bodur, S. Erarpat, Ö.T. Günkara, D.S. Chormey, S. Bakırdere, A new derivatization method for the determination of propineb in black tea and infant formula samples using dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry, *Talanta*. 213 (2020) 120846. <https://doi.org/10.1016/j.talanta.2020.120846>.
- [11] S. Bodur, S. Erarpat, S. Bakırdere, Fe<sub>3</sub>O<sub>4</sub>/reduced graphene oxide nanocomposites based dispersive solid phase microextraction for trace determination of profenofos in white rice flour samples, *J. Food Compos. Anal.* 91 (2020) 103516. <https://doi.org/10.1016/j.jfca.2020.103516>.
- [12] S. Bodur, S. Erarpat, D.S. Chormey, G.D. Bozyiğit, E. Öz, N. Özdoğan, S. Bakırdere, Assessment of different isotope dilution strategies and their combination with switchable solvent-based liquid phase microextraction prior to the quantification of bisphenol A at trace levels: Via GC-MS, *New J. Chem.* 44 (2020) 13685–13691. <https://doi.org/10.1039/d0nj02706e>.
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- [14] S. Erarpat, S. Bodur, M.F. Ayyıldız, Ö.T. Günkara, F. Erulaş, D.S. Chormey, F. Turak, T.B. Budak, S. Bakırdere, Accurate and simple determination of oxcarbazepine in human plasma and urine samples using switchable-hydrophilicity solvent in GC–MS, *Biomed. Chromatogr.* 34 (2020) e4915. <https://doi.org/10.1002/bmc.4915>.
- [15] Y. Dikmen, A. Güteryüz, B. Metin, S. Bodur, M. Öner, S. Bakırdere, A novel and rapid extraction protocol for sensitive and accurate determination of prochloraz in orange juice samples: Vortex-assisted spraying-based fine droplet formation liquid-phase microextraction before gas chromatography–mass spectrometry, *J. Mass Spectrom.* 55 (2020) e4622. <https://doi.org/10.1002/jms.4622>.
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- dilution-gas chromatography-mass spectrometry, *Microchem. J.* 159 (2020) 105532. <https://doi.org/10.1016/j.microc.2020.105532>.
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- [18] Ç. Büyükpınar, S. Bodur, N. San, O.T. Komesli, S. Bakırdere, Photochemical Vapor Generation Based Accurate Determination of Cadmium in Wastewater Using Novel Photoreactor and Gas-Liquid Separators Using Flame Atomic Absorption Spectrometry with Matrix Matching Calibration, *Anal. Lett.* 54 (2021) 2315–2326. <https://doi.org/10.1080/00032719.2020.1858308>.
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- An accurate analytical method for the determination of cadmium: Ultraviolet based photochemical vapor generation-slotted quartz tube based atom trap-flame atomic absorption spectrophotometry, *Meas. J. Int. Meas. Confed.* 176 (2021) 109192. <https://doi.org/10.1016/j.measurement.2021.109192>.
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<https://doi.org/10.1002/rcm.9282>.

#### **Uluslararası Bilimsel Toplantılarda Sunulan ve Bildiri Kitabında Basılan Bildiriler**

1. **Bodur, S.**, Erarpat, S., Chormey, D.S., Büyükpınar, Ç., Bakırdere, S., Determination of bismuth in bottled water and mineral water samples at trace levels by T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrometry, 11<sup>th</sup> Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece.
2. **Bodur, S.**, Bakırdere, E. G., Development of an accurate and sensitive binary solvent – liquid phase microextraction for the determination of nitrofen, bifenoxy and alachlor in dam lake water, river water and well water samples by gas chromatography-mass spectrometry, 11<sup>th</sup> Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece.
3. Erarpat, S., **Bodur, S.**, Chormey, D.S., Bakırdere, S., Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4-n-nonylphenol in municipal waste water, 11<sup>th</sup> Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece.
4. Fırat, M., **Bodur, S.**, Tırlı, B., Özlü, C., Chormey, D.S., Turak, F., Bakırdere, S., Determination of Cadmium in Environmental Samples by Slotted Quartz Tube Flame Atomic Absorption Spectrometry after Vortex Assisted Switchable Liquid-Liquid Microextraction, 8<sup>th</sup> Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), 9-11 May 2018, İstanbul, Turkey.

5. Erarpat, S., **Bodur, S.**, Öz, E., Bakırdere, S., Sensitive and accurate determination of butyltin compounds in fish and mussel samples by vortex assisted dispersive liquid-liquid microextraction-gas chromatography mass spectrometry, 1<sup>st</sup> Analytical and Bioanalytical Chemistry, 27-30 March 2019, Antalya, Turkey.
6. Yazıcı, E., Büyükpınar Ç., **Bodur, S.**, San, Nevim, Komesli, O. T., Bakırdere, S., Ultraviolet based photochemical vapor generation T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrophotometry for the accurate and sensitive determination of antimony, 2<sup>nd</sup> International Environmental Chemistry Congress, 31 October – 03 November 2019, Antalya, Turkey.
7. Erarpat, S., **Bodur S.**, Fırat Ayyıldız, M., Günkara, Ö. T., Erulaş, F. A., Chormey, D. S., Turak, F., Börklü Budak, T., Bakırdere S., Determination of oxcarbazepine in urine and blood samples by gas chromatography-mass spectrometry after switchable solvent liquid phase microextraction method, 2<sup>nd</sup> International Congress on Analytical and Bioanalytical Chemistry (2<sup>nd</sup> ICABC) 11-14 March 2020, Antalya, Turkey.
8. **Bodur S.**, Erarpat S., Günkara, Ö.T., Chormey, D.S., Bakırdere, S., An accurate and precise determination method for propineb in black tea and infant formula samples by GC-MS after applying a new derivatization technique and dispersive liquid-liquid microextraction method, 2<sup>nd</sup> International Congress on Analytical and Bioanalytical Chemistry (2<sup>nd</sup> ICABC) 11-14 March 2020, Antalya, Turkey.

## Atıflar

Toplam Atıf Sayısı: 144 (Scopus), 172 (Google Scholar)

h-indeksi: 6 (Scopus), 7 (Google Scholar)

## Ödüller

- The Best Poster Award (2<sup>nd</sup>), Determination of Cadmium in Environmental Samples by Slotted Quartz Tube Flame Atomic Absorption Spectrometry after Vortex Assisted Switchable Liquid-Liquid Microextraction, 8<sup>th</sup> Black Sea Basin Conference on Analytical Chemistry (8<sup>th</sup> BBCAC), 9-11 May 2018, İstanbul, Turkey.
- The Best Poster Award (1<sup>st</sup>), Determination of bismuth in bottled water and mineral water samples at trace levels by T-shaped slotted quartz tube-atom trap-flame atomic

absorption spectrometry, 11th Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece.