

Res. Asst. PhD UMUT MENGÜLLÜOĞLU

Personal Information

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Education Information

Doctorate, Ege Üniversitesi, Fen Fakültesi, Biyokimya Bölümü, Turkey 2011 - 2018

Post Graduate, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), Turkey 2008 - 2011

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Biyokimya Bölümü, Turkey 2004 - 2008

Dissertations

Doctorate, FERRİTİN TAYİNİNE YÖNELİK ELEKTROKİMYASAL İMPEDANS SPEKTROSKOPİSİ ESASLI İMMUNOSENSÖR GELİŞTİRİLMESİ, Ege Üniversitesi, Fen Fakültesi, Biyokimya Bölümü/Biyokimya Ana Bilim Dalı, 2018

Post Graduate, İmpedans spektroskopisi için biyosensör hazırlanmasında kullanılma potansiyeli bulunan temel sensörlerde yüzey modifikasyon yöntemleri geliştirilmesi ve karakterizasyonu, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), 2011

Research Areas

Life Sciences, Biotechnology, Biosensor, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Ege Üniversitesi, Fen Fakültesi, Biyokimya, 2008 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Optimization of aptamer-based impedimetric biosensor for detection of sarcosine**
CANBAY Z. C. , OZYURT C., MENGÜLLÜOĞLU U., DİNÇKAYA E., EVRAN S.
FEBS OPEN BIO, vol.8, pp.491, 2018 (Journal Indexed in SCI)
- II. **alpha-Amylase Monitoring by a Novel Amperometric Biosensor Based on Au Electrode: Its Optimization, Characterization, and Application**
MENGÜLLÜOĞLU U., ALTUĞ Ç., ERTUGRUL H. D. , YILDIZ A., EKICI E. M. , DİNÇKAYA E.
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.40, pp.97-102, 2012 (Journal Indexed in SCI)
- III. **A Novel Biosensor Based on Glucose Oxidase for Activity Determination of alpha - Amylase**
ALTUĞ Ç., MENGÜLLÜOĞLU U., KURT E., KAYA S., DİNÇKAYA E.
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.39, no.5, pp.298-303, 2011 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

I. Molecularly Imprinted Nanosensor for Determination of Testosteron

OZCALISKAN E., MENGÜLLÜOĞLU U., URAL F. Z. , AYHAN E., DİNÇKAYA E., AKGÖL S.
International Koycegiz Meetings 2015, 6 - 12 September 2015

Memberships / Tasks in Scientific Organizations

Türk Biyokimya Derneği, Member, 2016 - Continues

Kimyagerler Derneği, Member, 2009 - Continues

Biyokimyagerler Derneği, Member, 2009 - Continues

Scientific Refereeing

Artificial Cells, Nanomedicine, and Biotechnology, National Scientific Refreed Journal, May 2013

Invited Congress and Symposium Activities

18th European Congress On Biotechnology, Attendee, Geneve, Switzerland, 2018

19th International Biomedical Science and Technology Symposium (BIOMED2013), Attendee, Turkey, 2013

3rd International Conferance on Biosensing Technology, Attendee, Spain, 2013

9th International Electrochemistry Meeting, Attendee, --Seçiniz--, Turkey, 2011

The 10th workshop on biosensors and bioanalytical microtechniques in environmental and clinical analysis, Attendee, Weimar, Germany, 2011

22. Ulusal Biyokimya Kongresi, Attendee, Eskişehir, Turkey, 2010

24. Ulusal Kimya Kongresi, Attendee, Zonguldak, Turkey, 2010

The Vth International Bioengineering Congress, Attendee, Turkey, 2010

8th International Electrochemistry Meeting in Turkey, Attendee, Turkey, 2009

8th International Electrochemistry Meeting in Turkey, Attendee, Turkey, 2009

23. Ulusal Kimya Kongresi, Attendee, Sivas, Turkey, 2009

Citations

Total Citations (WOS):5

h-index (WOS):1