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Education Information

Doctorate, Gazi University, Fen Fakültesi, Kimya, Turkey 2021 - Continues

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2018 - 2021

Undergraduate, Gazi University, Fen Fakültesi, Turkey 2009 - 2013

Certificates, Courses and Trainings

Personal Evolution, ISO 9001:2015 Temel Bilgilendirme Eğitimi, TAKSİM DANIŞMANLIK, 2022

Personal Evolution, ISO 45001-2018 Temel Bilgilendirme ve İç Tetkik Eğitimi, TAKSİM DANIŞMANLIK, 2022

Personal Evolution, ISO 14001: 20015 Çevre Yönetim Sistemi Temel Bilgilendirme ve İç Tetkik Eğitimi, TAKSİM DANIŞMANLIK, 2022

Vocational Training, 8TH BIOMATERIALS DAYS, Yalova Üniversitesi, 2021

Vocational Course, Tübitak 2237-A Yüze ve Ötesi: XPS ile Karakterizasyon Çalışmaları ve Analiz Verilerinin Yorumlanmasına Yönelik İpuçları, Ege Üniversitesi (EGE MATAL), 2021

Personal Evolution, Etkili Öğretim ve Öğrenme Süreçleri, Gazi Üniversitesi, 2021

Personal Evolution, Sıfır Atık ve Geri Dönüşüm, Gazi Üniversitesi, 2021

Personal Evolution, Dijital İtibar Yönetimi, Gazi Üniversitesi, 2021

Vocational Course, Tübitak 2237-A 'Diagnostik Yaklaşımlar ve Güncel Gelişmeler' Kursu, Ege Üniversitesi (Ege MATAL), 2021

Personal Evolution, Üst Düzey Düşünme Becerileri ve Problem Çözme, Gazi Üniversitesi, 2021

Vocational Training, Pedagogik Formasyon Eğitimi, Gazi Üniversitesi, 2016

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Gazi University, Fen Fakültesi, Kimya, 2019 - Continues

Academic and Administrative Experience

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dynamic Tuning of Plasmonic Hot-Spot Generation through Cilia-Inspired Magnetic Actuators**
LİMAN G., Ergene E., Yildiz E., ÖZKAN HÜKÜM K., YILGÖR HURİ P., Cetin A. E., USTA H., DEMİREL G.
ADVANCED INTELLIGENT SYSTEMS, 2023 (SCI-Expanded)
- II. **Green Fabrication of Anticorrosive, Antibacterial, and SERS Active Nanohybrid Coatings by Dual-Spinneret Electrospinning**
Deniz F., LİMAN G., DEMİREL G., DEMİREL G., SAN KESKİN N. O.
ACS Applied Polymer Materials, vol.5, 2023 (SCI-Expanded)
- III. **Enabling three-dimensional porous architectures via carbonyl functionalization and molecular-specific organic-SERS platforms**
Deneme İ., Liman G., Can A., Demirel G., Usta H.
Nature Communications, vol.12, pp.1-6, 2021 (SCI-Expanded)
- IV. **Hot-Spot Engineering Through Soft Actuators for Surface-Enhanced Raman Spectroscopy (SERS) Applications**
Liman G., Yildiz E., İlhan H., Cetin A. E., Demirel G.
ADVANCED OPTICAL MATERIALS, vol.9, no.16, 2021 (SCI-Expanded)
- V. **Folding Control of Hydrogel Platforms through Pattern Design and Light Illumination**
Ergene E., LİMAN G., Yildiz E., Yilgor Huri P., DEMİREL G.
ACS Applied Polymer Materials, vol.3, no.7, pp.3272-3277, 2021 (SCI-Expanded)
- VI. **Removal of metal complexed azo dyes from aqueous solution using tris(2-aminoethyl)amine ligand modified magnetic p(GMA-EGDMA) cationic resin: Adsorption, isotherm and kinetic studies**
BAYRAMOĞLU G., AKBULUT A., LİMAN G., Arica M. Y.
CHEMICAL ENGINEERING RESEARCH & DESIGN, vol.124, pp.85-97, 2017 (SCI-Expanded)
- VII. **Removal of bisphenol A from aqueous medium using molecularly surface imprinted microbeads**
BAYRAMOĞLU G., Arica M. Y., LİMAN G., ÇELİKBIÇAK Ö., SALİH B.
CHEMOSPHERE, vol.150, pp.275-284, 2016 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Dynamic Plasmonic Hotspot Engineering with Cilia-Inspired Magnetic Soft Actuators**
LİMAN G., ERGENE E., YILDIZ E., ÖZKAN HÜKÜM K., YILGÖR HURİ P., ÇETİN A. E., USTA H., DEMİREL G.
17th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, 27 - 29 August 2023
- II. **Polystyrene Based Actuator for Hot-spot Generation in SERS**
YILDIZ E., DEREBAŞI M., LİMAN G., ÖZKAN HÜKÜM K., DEMİREL G.
17th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, 27 August 2023
- III. **Tunable Plasmonic Hot-Spot Generation for Surface-Enhanced Raman Spectroscopy through Cilia Inspired Magnetic Actuators**
Liman G., Yıldız E., Ergene E., Demirel G.
16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, Ankara, Turkey, 5 - 08 September 2022, vol.1, no.1, pp.350
- IV. **Hot-Spot Engineering Through Soft Actuators**
Derebaşı M., Liman G., Demirel G.
16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, Ankara, Turkey, 5 - 08 September 2022, vol.1, no.1, pp.347
- V. **Light-Triggered Hydrogels for Folding Control with Pattern Design**
Ergene E., Liman G., Yıldız E., Demirel G., Huri P.

16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, Ankara, Turkey, 5 - 08 September 2022, vol.1, no.1, pp.52

- VI. **Demonstration of a Novel Cladding Light Stripper Fabrication Method Based On Poly (Chloro-P-Xylene) Polymer Material**
Midilli Y., Liman G., Demirel G., Ortaç B.
2021 Conference on Lasers and Electro-Optics Europe & European Quantum Electronics Conference (CLEO/Europe-EQEC), Munich, Germany, 21 - 25 July 2021, pp.21
- VII. **Yumuşak Robotik Sistemler Yardımı ile Yüzey-Güçlendirilmiş Raman Spektroskopisi (SERS) Uygulamaları**
Liman G., Demirel G.
32. Ulusal Kimya Kongresi, Eskişehir, Turkey, 17 September 2020, pp.287
- VIII. **Preparation of Poly(2-hydroxyethyl methacrylate-glycidyl methacrylate) Cryogels Carrying Different Functional Groups for Lysozyme Adsorption**
LİMAN G., BAYRAMOĞLU G.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.1334

Supported Projects

DEMİREL G., CANDAN S., ASAR T., LİMAN G., TAMER U., DIŞLİ A., GÖKMEN U., YİLDİRİM E., ÖZKAN HÜKÜM K., ŞAFAK ASAR Y., Project Supported by Higher Education Institutions, Organik Yarı İletken Temelli Yapı Taşların Moleküler ve Morfolojik Mühendisliği: Yüzey Güçlendirilmiş Raman Spektroskopisine Yeni Bir Bakış, 2022 - Continues

Metrics

Publication: 17

Citation (WoS): 109

Citation (Scopus): 122

H-Index (WoS): 3

H-Index (Scopus): 3