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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Koç Üniversitesi, Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği Anabilim Dalı (Disiplinlerarası), Türkiye 2015 - 2019

Yüksek Lisans, City University of New York, Fizik, Amerika Birleşik Devletleri 2013 - 2015

Lisans, Gebze Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2008 - 2012

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Image-Guided Enhanced PDT/PTT Combination Therapy Using Brominated Hemicyanine-Loaded Folate Receptor-Targeting Ag₂S Quantum Dots**
Celikbas E., Saymaz A., Gunduz H., Koc I., Cakir E., Sennaroglu A., Kolemen S., Yagci Acar H., Onbaşlı K.
Bioconjugate Chemistry, 2023 (SCI-Expanded)
- II. **Superior Photodynamic Therapy of Colon Cancer Cells by Selenophene-BODIPY-Loaded Superparamagnetic Iron Oxide Nanoparticles**
Ozvural Sertcelik K. N., KARAMAN O., Almammadov T., GÜNBAŞ E. G., Kolemen S., Yagci Acar H., Onbasli K.
ChemPhotoChem, cilt,6, sa,10, 2022 (SCI-Expanded)
- III. **In-situ synthesis of graphene encapsulated Fe/Fe₂O₃ nanoparticles for possible biomedical applications**
Mertdinç Ülküseven S., Savaci U., Onbasli K., Balci-Cagiran O., Acar H. Y., Öveçoğlu M. L., Ağaoğulları D.
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, cilt,20, ss,2558-2577, 2022 (SCI-Expanded)
- IV. **The improved killing of both androgen-dependent and independent prostate cancer cells by etoposide loaded SPIONs coupled with NIR irradiation**
Onbasli K., Erkisa M., Demirci G., Muti A., Ulukaya E., Sennaroglu A., Yagci Acar H.
Biomaterials Science, cilt,10, sa,14, ss,3951-3962, 2022 (SCI-Expanded)
- V. **Development of a cysteine responsive chlorinated hemicyanine for image-guided dual phototherapy**
Savani S., Onbasli K., Gunduz H., Aydinoglan E., Erkisa M., Muti A., Khan M., Sennaroglu A., Ulukaya E., Yagci Acar H., et al.
Bioorganic Chemistry, cilt,122, 2022 (SCI-Expanded)
- VI. **A leucine aminopeptidase activatable photosensitizer for cancer cell selective photodynamic therapy action**
Arslan B., Bilici K., Demirci G., Almammadov T., Khan M., Sennaroglu A., Acar H. Y., Kolemen S.
Dyes and Pigments, cilt,195, 2021 (SCI-Expanded)
- VII. **Recent Advances in Cyanine-Based Phototherapy Agents**
Bilici K., Cetin S., Aydinoglan E., Yagci Acar H., Kolemen S.
Frontiers in Chemistry, cilt,9, 2021 (SCI-Expanded)
- VIII. **Dual laser activatable brominated hemicyanine as a highly efficient and photostable multimodal phototherapy agent**
Gunduz H., Bilici K., Cetin S., Muti A., Sennaroglu A., Yagci Acar H., Kolemen S.

Journal of Photochemistry and Photobiology B: Biology, cilt.217, 2021 (SCI-Expanded)

- IX. **Broad spectrum antibacterial photodynamic and photothermal therapy achieved with indocyanine green loaded SPIONs under near infrared irradiation**
Bilici K., Atac N., Muti A., Baylam I., Dogan O., Sennaroglu A., Can F., Yagci Acar H.
Biomaterials Science, cilt.8, sa.16, ss.4616-4625, 2020 (SCI-Expanded)
- X. **Ag2S-Glutathione quantum dots for NIR image guided photothermal therapy**
Hashemkhani M., Bilici K., Muti A., Sennaroglu A., Acar H. Y.
New Journal of Chemistry, cilt.44, sa.14, ss.5419-5427, 2020 (SCI-Expanded)
- XI. **Indocyanine green loaded APTMS coated SPIONs for dual phototherapy of cancer**
Bilici K., Muti A., Sennaroglu A., Yagci Acar H.
Journal of Photochemistry and Photobiology B: Biology, cilt.201, 2019 (SCI-Expanded)
- XII. **Investigation of the factors affecting the photothermal therapy potential of small iron oxide nanoparticles over the 730-840 nm spectral region**
Bilici K., Muti A., Demir Duman F., Sennaroglu A., Yağci Acar H.
Photochemical and Photobiological Sciences, cilt.17, sa.11, ss.1787-1793, 2018 (SCI-Expanded)
- XIII. **Mechanical, structural, and dynamical modifications of cholesterol exposed porcine aortic elastin**
Bilici K., Morgan S. W., Silverstein M. C., Wang Y., Sun H. J., Zhang Y., Boutis G. S.
Biophysical Chemistry, cilt.218, ss.47-57, 2016 (SCI-Expanded)
- XIV. **¹³C, ²H NMR studies of structural and dynamical modifications of glucose-exposed porcine aortic elastin**
Silverstein M. C., Bilici K., Morgan S. W., Wang Y., Zhang Y., Boutis G. S.
Biophysical Journal, cilt.108, sa.7, ss.1758-1772, 2015 (SCI-Expanded)