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Personal Information

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya/Biyokimya Abd, Turkey 2014 - Continues

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya/Biyokimya Abd, Turkey 2011 - 2014

Undergraduate, Ege University, Faculty Of Science, Biyokimya/Biyokimya Abd, Turkey 2004 - 2010

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Chemistry, Biochemistry, Natural Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Magnetic gelatin nanoparticles as a biocompatible carrier system for small interfering RNA in human colorectal cancer: Synthesis, optimization, characterization, and cell viability studies**
Selimovic A., Kara G., Denkbaz E. B.
Materials Today Communications, vol.33, 2022 (SCI-Expanded)
- II. **Development of novel poly-L-lysine-modified sericin-coated superparamagnetic iron oxide nanoparticles as siRNA carrier**
Kara G., Malekghasemi S., Ozpolat B., Denkbaz E. B.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.630, 2021 (SCI-Expanded)
- III. **Designing siRNA-conjugated plant oil-based nanoparticles for gene silencing and cancer therapy**
Anilmis N. M., KARA G., KILIÇAY E., Hazer B., DENKBAŞ E. B.
JOURNAL OF MICROENCAPSULATION, vol.36, no.7, pp.635-648, 2019 (SCI-Expanded)
- IV. **Preparation and characterization of novel albumin-sericin nanoparticles as siRNA delivery vehicle for laryngeal cancer treatment**
Yalcin E., KARA G., ÇELİK E., Pinarli F. A., Saylam G., SUCULARLI C., Ozturk S., Yilmaz E., Bayir O., Korkmaz M. H., et al.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, 2019 (SCI-Expanded)
- V. **Synthesis and characterization of amino acid-functionalized calcium phosphate nanoparticles for siRNA delivery**
BAKAN F., KARA G., Cakmak M. C., Cokol M., DENKBAŞ E. B.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.158, pp.175-181, 2017 (SCI-Expanded)
- VI. **Magnetically based nanocarriers in drug delivery**
DENKBAŞ E. B., ÇELİK E., ERDAL E., Kavaz D., AKBAL VURAL Ö., KARA G., BAYRAM C.

NANOBIOMATERIALS IN DRUG DELIVERY: APPLICATIONS OF NANOBIOMATERIALS, VOL 9, vol.9, pp.285-331, 2016 (SCI-Expanded)

- VII. **Downregulation of ABCE1 via siRNA affects the sensitivity of A549 cells against chemotherapeutic agents**

KARA G., Tuncer S., TÜRK M., DENKBAŞ E. B.

MEDICAL ONCOLOGY, vol.32, no.4, 2015 (SCI-Expanded)

- VIII. **Therapeutic potential of inhibiting ABCE1 and eRF3 genes via siRNA strategy using chitosan nanoparticles in breast cancer cells**

Cengiz B. B., AŞIK M. D., KARA G., TÜRK M., DENKBAŞ E. B.

JOURNAL OF NANOPARTICLE RESEARCH, vol.17, no.4, 2015 (SCI-Expanded)

- IX. **EFFECTS OF ABCE1 DOWN-REGULATION BY RNAi ON CHEMOSENSITIVITY OF LUNG CANCER CELLS**

KARA G., Tuncer S., TÜRK M., DENKBAŞ E. B.

ANTICANCER RESEARCH, vol.34, no.10, pp.5986, 2014 (SCI-Expanded)

Metrics

Publication: 11

Citation (WoS): 55

Citation (Scopus): 39

H-Index (WoS): 5

H-Index (Scopus): 1