

Personal Information

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Education Information

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyomühendislik, Turkey 2012 - Continues

Undergraduate, Ege University, Faculty Of Engineering, Biyomühendislik, Turkey 2007 - 2011

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Biomedical Engineering, Biomechanics, Artificial Organs and Biomaterials, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Formulation of chitosan and chitosan-nanoHAp bioinks and investigation of printability with optimized bioprinting parameters**
Coşkun S., Akbulut S. O., SARIKAYA B., ÇAKMAK S., GÜMÜŞDERELİOĞLU M.
International Journal of Biological Macromolecules, vol.222, pp.1453-1464, 2022 (SCI-Expanded)
- II. **Iontophoresis Corneal Cross-linking With Oxygen Supplementation in Ovine Eyes**
Aribas Y. K., Aribas A. B. T., Ercin U., SARIKAYA B., Bilgihan A., BİLGİHAN M. K.
JOURNAL OF REFRACTIVE SURGERY, vol.38, pp.674-681, 2022 (SCI-Expanded)
- III. **Collagen/Beta-Tricalcium Phosphate Based Synthetic Bone Grafts via Dehydrothermal Processing**
SARIKAYA B., Aydın H. M.
BIOMED RESEARCH INTERNATIONAL, 2015 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Collagen b TCP Scaffold for Bone Regeneration in Critical Size Bone Defects**
SARIKAYA B., AYDIN H. M., Hosseinian P., Aslan B., BİLGİÇ E., KORKUSUZ P., VARGEL İ.
21th International Biomedical Science and Technology Symposium, 22 - 24 October 2016
- II. **Effects of Dehydrothermal Treatment of Collagen/beta-TCP Scaffold on Bone Regeneration in Critical Size Bone Defects**
SARIKAYA B., HOSSEINIAN P., ASLAN B., BİLGİÇ E., OZCAN I. U., KORKUSUZ P., VARGEL İ., AYDIN H.
4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21

supported projects

AYDIN H. M., SARIKAYA B., Project Supported by Higher Education Institutions, KOLAJEN/BETA-TRİKALSİYUM FOSFAT BAZLI SENTETİK KEMİK GREFTLERİNİN GELİŞTİRİLMESİ, 2015 - 2015

Metrics

Publication: 6

Citation (WoS): 23

Citation (Scopus): 27

H-Index (WoS): 1

H-Index (Scopus): 1