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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2018 - Continues
Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2015 - 2018
Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2010 - 2015

Foreign Languages

English, C1 Advanced

Research Areas

Chemical Engineering and Technology, Biotechnology, Tissue Engineering, Chemical Technologies, Polymer Technology, Life Sciences, Biotechnology, Biomaterial, Natural Sciences, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Organomodified nanoclay with boron compounds is improving structural and antibacterial properties of nanofibrous matrices**
Asghari Dilmani S., KOÇ S., ÇAKIR D., GÜMÜŞDERELİOĞLU M.
European Journal of Pharmaceutics and Biopharmaceutics, vol.184, pp.125-138, 2023 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Beta-Laktam Antibiyotiklerle Sinerjik Etkiye Sahip Bor Katkılı Doku İskelelerinin Geliştirilmesi**
ÇAKIR D., IRMAK G., SANA F. A., GÜMÜŞDERELİOĞLU M.
13. Ulusal Kimya Mühendisliği Kongresi, Turkey, 3 - 06 September 2018
II. **Synergistic Effect of Beta-Lactam Antibiotics with Boron-Doped Nanohydroxyapatites**
ÇAKIR D., ASGHARİ SANA F., GÜMÜŞDERELİOĞLU M.
22. Uluslararası Biyomedikal Bilim ve Teknoloji Sempozyumu, Ankara, Turkey, 12 - 14 May 2017

Supported Projects

GÜMÜŞDERELİOĞLU M., ÇAKIR D., IRMAK G., Project Supported by Higher Education Institutions, BETA-LAKTAM ANTİBİYOTİKLERLE SİNERJİK ETKİYE SAHİP DOKU İSKELELERİNDE OSTEOJENİK AKTİVİTENİN VE ANTİBAKTERİYAL ÖZELLİKLERİN İNCELENMESİ, 2018 - 2019

GÜMÜŞDERELİOĞLU M., ÇAKIR D., Project Supported by Higher Education Institutions, Biyomedikal Alanında Bilimsel ve Teknolojik Araştırmalar, 2017 - 2017

Metrics

Publication: 3
Citation (Scopus): 3
H-Index (Scopus): 1