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Publons / Web Of Science ResearcherID: AAZ-9627-2020

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Education Information

Doctorate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 2017 - Continues

Dissertations

Postgraduate, Effect of film deposition conditions on the properties of multilayers of poly[2-(dimethylamino)ethyl methacrylate-b-poly(2-(diethylamino)ethyl methacrylate)] micelles and poly(sodium 4-styrenesulfonate), Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2017

Research Areas

Chemistry, Physical Chemistry

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Effect of Periodate-Induced Cross-linking on Dual Anticancer Drug Release from Poly(2-isopropyl-2-oxazoline)/Tannic Acid-Based Layer-by-Layer Microparticles**
Ugur E., Tidim G., GÜNDOĞDU D., Alemdar C., Oral G., HÜSNÜGİL H. H., BANERJEE S., Erel-Goktepe I.
ACS OMEGA, vol.9, no.38, pp.39626-39642, 2024 (SCI-Expanded)
- II. Tuning stimuli-responsive properties of alginate hydrogels through layer-by-layer functionalization for dual-responsive dual drug release**
Gündoğdu D., Alemdar C., Turan C., Hazal Husnugil H. H., Banerjee S., Erel Göktepe İ.
Colloids and Surfaces A: Physicochemical and Engineering Aspects, vol.676, 2023 (SCI-Expanded)

- III. **Synthesis of poly(2-isopropyl-2-oxazoline)-b-poly(2-phenyl-2-oxazoline)-b-poly(2-isopropyl-2-oxazoline) and its self-assembly into polymersomes: Temperature-dependent aqueous solution behavior**
Turan C., Terzioglu I., Gündoğdu D., Erel Göktepe İ.
Materials Today Communications, vol.35, 2023 (SCI-Expanded)
- IV. **The effect of polyacid on the physical and biological properties of chitosan based layer-by-layer films**
Saracogullari N., GÜNDOĞDU D., ÖZDEMİR F. N., SOYER Y., EREL GÖKTEPE İ.
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.617, 2021 (SCI-Expanded)
- V. **Preparation of Layer-by-Layer Films with Remarkably Different pH-Stability and Release Properties Using Dual Responsive Block Copolymer Micelles**
Gündoğdu D., Butun V., Erel-Goktepe I.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.219, 2018 (SCI-Expanded)

Metrics

Publication: 9

Citation (WoS): 29

Citation (Scopus): 31

H-Index (WoS): 3

H-Index (Scopus): 3