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International Researcher IDs

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Education Information

Doctorate, Friedrich-Schiller-Universität Jena, Chemisch-Geowissenschaftliche Fakultät, Chemistry, Germany 2013 - 2017

Postgraduate, Bogazici University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2011 - 2012

Undergraduate, Bogazici University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2004 - 2010

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Size-controlled clustering of iron oxide nanoparticles within fluorescent nanogels using LCST-driven self-assembly**
Yildirim T., Pervez M., Li B., O'Reilly R. K.
JOURNAL OF MATERIALS CHEMISTRY B, vol.8, no.24, pp.5330-5335, 2020 (SCI-Expanded)
- II. **Pharmapolymers in the 21st century: Synthetic polymers in drug delivery applications**
Englert C., Brendel J. C., Majdanski T. C., Yildirim T., Schubert S., Gottschaldt M., Windhab N., Schubert U. S.
PROGRESS IN POLYMER SCIENCE, vol.87, pp.107-164, 2018 (SCI-Expanded)
- III. **Uptake of Retinoic Acid-Modified PMMA Nanoparticles in LX-2 and Liver Tissue by Raman Imaging and Intravital Microscopy**
Yildirim T., Matthaeus C., Press A. T., Schubert S., Bauer M., Popp J., Schubert U. S.
MACROMOLECULAR BIOSCIENCE, vol.17, no.10, 2017 (SCI-Expanded)
- IV. **One-pot synthesis of PLA-b-PHEA via sequential ROP and RAFT polymerizations**

Yildirim I., Sungur P., Crecelius-Vitz A. C., Yildirim T., Kalden D., Hoeppener S., Westerhausen M., Weber C., Schubert U. S.

POLYMER CHEMISTRY, vol.8, no.39, pp.6086-6098, 2017 (SCI-Expanded)

V. Polymersomes with Endosomal pH-Induced Vesicle-to-Micelle Morphology Transition and a Potential Application for Controlled Doxorubicin Delivery

Yildirim T., Traeger A., Sungur P., Hoeppener S., Kellner C., Yildirim I., Pretzel D., Schubert S., Schubert U. S.

BIOMACROMOLECULES, vol.18, no.10, pp.3280-3290, 2017 (SCI-Expanded)

VI. Thermosensitive spontaneous gradient copolymers with block- and gradient-like features

Yanez-Macias R., Kulai I., Ulbrich J., Yildirim T., Sungur P., Hoeppener S., Guerrero-Santos R., Schubert U. S., Destarac M., Guerrero-Sanchez C., et al.

POLYMER CHEMISTRY, vol.8, no.34, pp.5023-5032, 2017 (SCI-Expanded)

VII. Retinol initiated poly(lactide) s: stability upon polymerization and nanoparticle preparation

Yildirim I., Yildirim T., Kalden D., Festag G., Fritz N., Weber C., Schubert S., Westerhausen M., Schubert U. S.

POLYMER CHEMISTRY, vol.8, no.30, pp.4378-4387, 2017 (SCI-Expanded)

VIII. Dual pH and ultrasound responsive nanoparticles with pH triggered surface charge-conversional properties

Yildirim T., Yildirim I., Yanez-Macias R., Stumpf S., Fritzsche C., Hoeppener S., Guerrero-Sanchez C., Schubert S., Schubert U. S.

POLYMER CHEMISTRY, vol.8, no.8, pp.1328-1340, 2017 (SCI-Expanded)

IX. LCST Behavior of Symmetrical PNiPAm-b-PETox-b-PNiPAm Triblock Copolymers

Sahn M., Yildirim T., Dirauf M., Weber C., Sungur P., Hoeppener S., Schubert U. S.

MACROMOLECULES, vol.49, no.19, pp.7257-7267, 2016 (SCI-Expanded)

X. Dual Responsive Nanoparticles from a RAFT Copolymer Library for the Controlled Delivery of Doxorubicin

Yildirim T., Traeger A., Preussger E., Stumpf S., Fritzsche C., Hoeppener S., Schubert S., Schubert U. S.

MACROMOLECULES, vol.49, no.10, pp.3856-3868, 2016 (SCI-Expanded)

XI. Fluorescent amphiphilic heterografted comb polymers comprising biocompatible PLA and PETox side chains

Yildirim I., Bus T., Sahn M., Yildirim T., Kalden D., Hoeppener S., Traeger A., Westerhausen M., Weber C., Schubert U. S.

POLYMER CHEMISTRY, vol.7, no.39, pp.6064-6074, 2016 (SCI-Expanded)

XII. RAFT made methacrylate copolymers for reversible pH-responsive nanoparticles

Yildirim T., Rinkenauer A. C., Weber C., Traeger A., Schubert S., Schubert U. S.

JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.53, no.23, pp.2711-2721, 2015 (SCI-Expanded)

Supported Projects

Yildirim T., Project Supported by Higher Education Institutions, Sıcaklık duyarlı polimerler kullanılarak fonksiyonelleştirilebilir floresan nanojel sentezi, 2021 - 2022

Metrics

Publication: 12

Citation (WoS): 279

Citation (Scopus): 292

H-Index (WoS): 10

H-Index (Scopus): 10