

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2018 - Continues

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2014 - 2018

Undergraduate, Ankara University, Fen Fakültesi, Kimya Bölümü, Turkey 2010 - 2014

Dissertations

Postgraduate, Poliakrilonitril liflerin kimyasal modifikasyonu ve modifiye edilmiş liflere gümüş parçacıkları çöktürülerek bazı özelliklerinin incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2018

Research Areas

Academic Titles / Tasks

Research Assistant, Ankara University, Fen Fakültesi, Kimya Bölümü, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Investigation of antibacterial properties of polyacrylonitrile fibers modified by new functional groups and silver nanoparticles**
Okay Z., Kalkan Erdoğan M., Karaca B., Karakışla M., Saçak M.
TURKISH JOURNAL OF CHEMISTRY, vol.46, pp.1137-1151, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- Ag Particles Deposition on Polyacrylonitrile Fibers Grafted By Acrylamide, Acrylamide-Itaconic Acid and Acrylamide-Maleic Acid**
OKAY Z., KALKAN ERDOĞAN M., KARAKIŞLA M., SAÇAK M.
5th International Conference on New Trends in Chemistry, 22 - 24 April 2019
- The Preparation of Ag Particles Deposited and Acrylic Acid Grafted Polyacrylonitrile Fiber**

Composite and Its Antibacterial Properties

OKAY Z., KALKAN ERDOĞAN M., KARAKIŞLA M., SAÇAK M.

4th International Turkic World Conference on Chemical Sciences and Technologies, 7 - 10 September 2018

III. Modification and Characterization of Poly(acrylonitrile) Fibers by Grafting of Acrylic Acid

OKAY Z., KALKAN ERDOĞAN M., KARAKIŞLA M., SAÇAK M.

International Congress on Fundamental and Applied Sciences, 18 - 22 June 2018

IV. Preparation of Conductive Composite Fiber by the Reduction of Silver Particles onto Hydrolyzed Poly acrylonitrile Fiber

OKAY Z., KALKAN ERDOĞAN M., KARAKIŞLA M., SAÇAK M.

18.International Science University, World Academy of Science, Engineering and Technology, 1 February - 02 January 2016

Supported Projects

KALKAN ERDOĞAN M., SAÇAK M., OKAY Z., Project Supported by Higher Education Institutions, POLİAKRİLONİTRİL LİFLERİN KİMYASAL MODİFİKASYONU VE MODİFİYE EDİLMİŞ LİFLERE GÜMÜŞ PARÇACIKLARI ÇÖKTÜRÜLEREK BAZI ÖZELLİKLERİNİN İNCELENMESİ, 2016 - 2017

Metrics

Publication: 5