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Education Information

Doctorate, Eskişehir Technical University, Institute Of Graduate Programs, Malzeme Bilimi Ve Mühendisliği (Dr), Turkey 2016 - 2022

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Malzeme Mühendisliği (YI) (Tezli), Turkey 2009 - 2016

Undergraduate, Istanbul University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2005 - 2009

Dissertations

Doctorate, Tasarlanmış ZnO Tozların Kitosan/Polivinil Alkol Biyobozunur Polimerlerin Yapısına ve Özelliklerine Etkilerinin İncelenmesi, Eskişehir Technical University, Lisansüstü Eğitim Enstitüsü, Malzeme Bilimi Ve Mühendisliği (Dr), 2022

Postgraduate, Capacitance-voltage and current-voltage characteristic properties of ZnO:Al/p-Si heterojunction, Istanbul Technical University, Fen Bilimleri Enstitüsü, Malzeme Mühendisliği (YI) (Tezli), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Creation of synergistic effect among raw materials in biodegradable films with novel, designed ZnO particles**
KÖSE Y., Suvacı E.
Polymer-Plastics Technology and Materials, vol.63, no.3, pp.189-202, 2024 (SCI-Expanded)
- II. **Cu layer derived by accelerated microparticles on ZnO:Al/p-Si heterojunction**
KÖSE Y., Ürper O., Çimenoğlu H., Baydoğan N.
Journal of Materials Science: Materials in Electronics, vol.34, no.8, 2023 (SCI-Expanded)
- III. **Improving properties of biodegradable chitosan/PVA composite polymers via novel designed ZnO particles**
KÖSE Y., Suvacı E., Atlı B.
Journal of the Australian Ceramic Society, vol.59, no.1, pp.245-257, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Capacitance-Voltage (C-V) Properties of ZnO:Al/p-Si Heterojunctions**
Baydođan N., Köse Y., Baydođan M., Çimenöđlu H.
DEFECT AND DIFFUSION FORUM, vol.8, no.334-335, pp.349-352, 2013 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of The Effects Of Designed ZnO Powders on The Structure and Properties of Low Molecular Weight Chitosan/ Polyvinyl Alcohol Biodegradable Polymers**
Köse Y., Suvacı E.
11th International İstanbul Scientific Research Congress, İstanbul, Turkey, 15 - 17 October 2022, pp.215
- II. **Improving the properties of medium molecular weight chitosan/pva composite polymers via designed zno particles**
KÖSE Y., Suvacı E.
International Conference on Technology, Engineering and Science, IConTES 2022, Antalya, Turkey, 16 - 19 November 2022, vol.21, pp.144-151
- III. **Improving The Properties of Polymers with Designed Metal Oxide Powders,**
KÖSE Y., SUVACI E., ERDEM M., ÜREYEN M. E.
24th International Biomedical Science, Technology Symposium, İzmir, Turkey, 17 October 2019
- IV. **Capacitance Voltage C V Properties of ZnO Al p Si Heterojunctions**
BAYDOĐAN N., GOKCE Y., BAYDOĐAN M., ÇİMENOĐLU H.
8th International Conference on Diffusion in Solids and Liquids, İstanbul, Turkey, 25 June 2012