Lect. PhD AYŞE NUR ÖZKAN

Personal Information

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International Researcher IDs
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Education

Doctorate, Manisa Celal Bayar University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya, Turkey 2018 - 2024
Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya, Turkey 2005 - 2008
Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2000 - 2005

Foreign Languages

English

Dissertations

Doctorate, Providing conductive properties to polyolefins; examining their thermal and mechanical properties, Manisa Celal Bayar University, 2024
Postgraduate, Reaction of propargyl aldehydes with hydrazinium salts: Synthesis of ferrocenyl and phenyl substituted pyrazoles, Middle East Technical University, Graduate School Of Natural And Applied Sciences, 2008

Research Areas

Avesis Research Areas: Chemistry, Analytical Chemistry, Thermal Methods, Physical Chemistry, Functional Polymers, Conductive Polymers, Characterization of Polymers, New Technologies in Polymer Chemistry, Polymeric Films, Polymeric Complexes, Polymeric Materials, Natural Sciences
WoS Research Areas: Natural Sciences (Sci), Chemistry, Polymer Science, Chemistry Physical, Chemistry Multidisciplinary, Materials Science Composites
Scopus Research Areas: Polymers and Plastics, Chemistry (miscellaneous), Multidisciplinary, Organic Chemistry, Materials Chemistry

Academic Positions

Lecturer PhD, Manisa Celal Bayar University, REKTÖRLÜK, DEFAM, 2014 - Present

Articles

I. **Effects of Annealing on the Thermomechanical Properties and Crystallization Behavior of FDM-Printed High-Temperature PLA and Glass Fiber PLA Composites**
YALKIN H. E., ÖZKAN A. N.
Polymer Engineering and Science, vol.66, no.11, pp.8486-8503, 2026 (SCI-Expanded, Scopus)

II. **Biocomposite innovations for the removal of azo dyes from industrial wastewater**
SERT S., ÖZKAN A. N.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.23, no.10, 2026 (SCI-Expanded, Scopus)

III. **Investigation of Crystal Structure Change and Mechanical Properties of 3D Printed PLA After Annealing**
YALKIN H. E., ÖZKAN A. N.
POLYMER ENGINEERING AND SCIENCE, vol.66, no.7, pp.4995-5006, 2026 (SCI-Expanded, Scopus)

IV. **Effects of Feldspar Ore on Thermal Behavior of Polypropylene Composites**
Özkan A. N., ŞİRİN K.
Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.15, no.4, pp.1423-1432, 2025 (TRDizin)

V. **Preparation, characterization, and antistatic applications of high-density polyethylene/polyaniline blends**
ÖZKAN A. N., ŞİRİN K.
Polymers for Advanced Technologies, vol.35, no.7, 2024 (SCI-Expanded, Scopus)

VI. **Preparation, characterization and thermal properties of polypropylene/polyethylene/zinc borate composites: investigation of thermal degradation kinetics**
Saltan F., Şentürk S., Al A. M., Özkan A. N., ŞİRİN K.
Journal of Polymer Research, vol.30, no.10, 2023 (SCI-Expanded, Scopus)

VII. **Novel ferrocenyl pyrazoles inhibit breast cancer cell viability via induction of apoptosis and inhibition of PI3K/Akt and ERK1/2 signaling**
ATMACA İLHAN H., ÖZKAN A. N., ZORA M.
Chemico-Biological Interactions, vol.263, pp.28-35, 2017 (SCI-Expanded, Scopus)

VIII. **Synthesis of ferrocenyl pyrazoles by the reaction of 3-ferrocenylpropynal with hydrazinium salts**
ZORA M., Pinar A. N., Odabaşoğlu M., Büyükgüngör O., Turgut G.
Journal of Organometallic Chemistry, vol.693, no.1, pp.145-154, 2008 (SCI-Expanded, Scopus)

Books

I. **Conducting Low-Density Polyethylene/Polyaniline Blends for Antistatic Applications**
Özkan A. N., Şirin K., Doğan F.
in: Conductivity and Thermoplastic Elastomer Properties of Polypropylene Materials, Fatih Doğan, Editor, IntechOpen, London, pp.1-17, 2024

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Meme Kanseri Hücre Kültürlerinde Galium aparine Etanolik Ekstraktının Anti proliferatif ve Apoptotik Etkilerinin Belirlenmesi**

ATMACA H., OKTAY L. M., ÖZKAN A. N., DİLEK TEPE H., YETİM S.
XIV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Turkey, 27 - 30 October 2015

Metrics

Publication: 10
Citation (WoS): 31
Citation (Scopus): 102
H-Index (WoS): 3
H-Index (Scopus): 4