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International Researcher IDs

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Publons / Web Of Science ResearcherID: Y-3891-2019

ScopusID: 26633539000

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Education Information

Doctorate, Romanian Academy, Petru Poni Institute of Macromolecular Chemistry, Physical-Chemistry of Polymers, Romania 2003 - 2012

Postgraduate, Universitatea Alexandru Ioan Cuza din Iasi, Kimya, Kimya, Romania 2002 - 2004

Undergraduate, Universitatea Alexandru Ioan Cuza din Iasi, Kimya, Kimya, Romania 1998 - 2002

Foreign Languages

Turkish, B1 Intermediate

Romanian, C2 Mastery

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, The 2nd Course of Molecular Toxicology, Ege University Faculty of Pharmacy, Department of Pharmaceutical Toxicology, EUROTOX, 2024

Dissertations

Doctorate, Contributii La Studiul Sistemelor pe Baza de Alginati si Chitosan- Contributions to the systems based on alginate and chitosan. Synthesis and characterization., Romanian Academy, Petru Poni Institute of Macromolecular Chemistry, 2012

Postgraduate, Asociații intermoleculare- Intermolecular associations, Universitatea Alexandru Ioan Cuza din Iasi, Kimya, Analitik Kimya, 2004

Research Areas

Pharmacology and Therapeutics, Pharmaceutics Technology, Textile Materials, Biotechnology, Plant Biotechnology, Biomaterial, Biochemistry, Organic Chemistry

Academic Titles / Tasks

Assistant Professor, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2023 - Continues

Lecturer, Ege University, Eczacılık Fakültesi, Farmasotik Teknoloji, 2014 - 2017

Research Assistant, Romanian Academy, Petru Poni Institute of Macromolecular Chemistry Iasi, Physical- Chemistry of Polymers, 2004 - 2014

Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2024 - Continues

Head of Department, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2023 - 2023

Courses

Kimya II, Undergraduate, 2023 - 2024

Biokimya II, Undergraduate, 2023 - 2024

Kimyasal Maddeler ve Toksikoloji , Undergraduate, 2023 - 2024

Technical English I, Undergraduate, 2023 - 2024

Food Biochemistry and Biotechnology, Undergraduate, 2023 - 2024

BİYOKİMYA LABORATUVARI I, Undergraduate, 2023 - 2024

KİMYA , Undergraduate, 2023 - 2024

Bitirme Tez, Undergraduate, 2023 - 2024

CHEMİSTRY I, Undergraduate, 2023 - 2024

Jury Memberships

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **In Vitro Biological Evaluation of an Alginate-Based Hydrogel Loaded with Rifampicin for Wound Care**
Bibire T., Danila R., Yılmaz C. N., Verestiuc L., Nacu I., Ursu R., Ghiciuc C.
PHARMACEUTICALS, vol.17, pp.943-961, 2024 (SCI-Expanded)
- II. **Development, Characterization, and Evaluation of Potential Systemic Toxicity of a Novel Oral Melatonin Formulation**
Yılmaz C. N., Yılmaz O., Atmaca K., Orhan H.
PHARMACEUTICS, vol.16, no.7, pp.871-886, 2024 (SCI-Expanded)
- III. **Halogen-Free Waterborne Polymeric Hybrid Coatings for Improved Fire Retardancy of Textiles**
Yılmaz O., Kuçuk M., Darie-Nita R., Yılmaz C. N.
POLYMERS, vol.15, no.23, pp.4498-4510, 2023 (SCI-Expanded)
- IV. **Selective Encapsulation of the Polyphenols on Silk Fibroin Nanoparticles: Optimization Approaches**
Bayraktar O., Öder G., Erdem C., Köse M. D., Yılmaz C. N.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.24, pp.9327-9349, 2023 (SCI-Expanded)
- V. **Development of Vaginal Carriers Based on Chitosan-Grafted-PNIPAAm for Progesterone Administration**
Afloarea O., YILMAZ C. N., Verestiuc L., Bibire N.
GELS, vol.8, no.9, 2022 (SCI-Expanded)

- VI. **Synthesis and Application of Reactive Acrylic Latexes: Effect of Particle Morphology**
YILMAZ C. N., KILIÇARISLAN ÖZKAN Ç., YILMAZ O.
POLYMERS, vol.14, no.11, 2022 (SCI-Expanded)
- VII. **Synthesis of Bioactive Materials by In Situ One-Step Direct Loading of Syzygium aromaticum Essential Oil into Chitosan-Based Hydrogels**
Stoleru E., Dumitriu R. P., Ailiesei G., Yilmaz C. N., Brebu M.
GELS, vol.8, no.4, 2022 (SCI-Expanded)
- VIII. **The Effect of Different Soft Core/Hard Shell Ratios on the Coating Performance of Acrylic Copolymer Latexes**
YILMAZ C. N., YILMAZ O., Darie-Nita R. N.
POLYMERS, vol.13, no.20, 2021 (SCI-Expanded)
- IX. **Study on Thermal Behavior of Some Biocompatible and Biodegradable Materials Based on Plasticized PLA, Chitosan, and Rosemary Ethanolic Extract**
Vasile C., Tudorachi N., Zaharescu T., Darie-Nita R. N., YILMAZ C. N.
INTERNATIONAL JOURNAL OF POLYMER SCIENCE, vol.2020, 2020 (SCI-Expanded)
- X. **ON THE DEVELOPMENT OF CHITOSAN-GRAFT-POLY(N-ISOPROPYLACRYLAMIDE) BY RAFT POLYMERIZATION TECHNIQUE**
YILMAZ C. N.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.54, no.1-2, pp.1-10, 2020 (SCI-Expanded)
- XI. **PREPARATION AND CHARACTERIZATION OF ALGINATE AND CHITOSAN IPC BASED GEL FORMULATION FOR MUCOSAL APPLICATION**
YILMAZ C. N., RENÇBER S., AYDIN KÖSE F., KARAVANA S. Y., YILMAZ O.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.53, no.7-8, pp.655-665, 2019 (SCI-Expanded)
- XII. **NANOSCALED DISPERSED SYSTEMS USED IN DRUG-DELIVERY APPLICATIONS**
YILMAZ C. N., KARASULU H. Y., YILMAZ O.
POLYMERIC NANOMATERIALS IN NANOTHERAPEUTICS, pp.437-468, 2019 (SCI-Expanded)
- XIII. **Chitosan-Graft-Poly(N-Isopropylacrylamide)/PVA Cryogels as Carriers for Mucosal Delivery of Voriconazole**
YILMAZ C. N., YILMAZ O., Kose F. A., Bibire N.
POLYMERS, vol.11, no.9, 2019 (SCI-Expanded)
- XIV. **New Alginate/PNIPAAm Matrices for Drug Delivery**
YILMAZ C. N., Lupusoru C. E., Vasile C.
POLYMERS, vol.11, no.2, 2019 (SCI-Expanded)
- XV. **Preparation and in vitro evaluation of melatonin-loaded HA/PVA gel formulations**
TUNCAY TANRIVERDİ S., YILMAZ C. N., Carbone S., Ozer O.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.23, no.8, pp.815-825, 2018 (SCI-Expanded)
- XVI. **Polysaccharide Containing Gels for Pharmaceutical Applications**
YILMAZ C. N., TUNCAY TANRIVERDİ S., Ozer O., Vasile C.
POLYMER GELS: SCIENCE AND FUNDAMENTALS, pp.231-278, 2018 (SCI-Expanded)
- XVII. **Toxicity, Biocompatibility, pH-Responsiveness and Methotrexate Release from PVA/Hyaluronic Acid Cryogels for Psoriasis Therapy**
YILMAZ C. N., Pamfil D., Vasile C., Bibire N., Lupusoru R., Zamfir C., Lupusoru C. E.
POLYMERS, vol.9, no.4, 2017 (SCI-Expanded)
- XVIII. **Functionalized Chitosan for Pharmaceutical Applications**
YILMAZ C. N., Karavana S. Y., YILMAZ O.
CURRENT ORGANIC SYNTHESIS, vol.14, no.6, pp.785-797, 2017 (SCI-Expanded)
- XIX. **Poly(vinyl alcohol)/chitosan/montmorillonite nanocomposites for food packaging applications: Influence of montmorillonite content**
Butnaru E., YILMAZ C. N., YILMAZ O., Pricope G. M., Vasile C.
HIGH PERFORMANCE POLYMERS, vol.28, no.10, pp.1124-1138, 2016 (SCI-Expanded)
- XX. **Biocompatible and Biodegradable Alginate/Poly(N-isopropylacrylamide) Hydrogels for Sustained**

Theophylline Release

Dumitriu R. P., Oprea A., YILMAZ C. N., Nistor M., Novac O., Ghiciuc C. M., Profire L., Vasile C.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.131, no.17, pp.8939-8954, 2014 (SCI-Expanded)

- XXI. **Low density polyethylene - Chitosan composites**
Vasile C., Darie R. N., YILMAZ C. N., Pricope G., Bracic M., Pamfil D., Hitruc G. E., Duraccio D.
COMPOSITES PART B-ENGINEERING, vol.55, pp.314-323, 2013 (SCI-Expanded)
- XXII. **Thermoresponsive sodium alginate-g-poly(N-isopropylacrylamide) copolymers III. Solution properties**
YILMAZ C. N., Ciocoiu O., Staikos G., Vasile C.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.127, no.5, pp.3340-3348, 2013 (SCI-Expanded)
- XXIII. **MORPHOLOGICAL, THERMAL AND RHEOLOGICAL CHARACTERIZATION OF POLYVINYL ALCOHOL/CHITOSAN BLENDS**
Parparita E., YILMAZ C. N., Vasile C.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.46, no.9-10, pp.571-581, 2012 (SCI-Expanded)
- XXIV. **On the stability and properties of the polyacrylate/Na-MMT nanocomposite obtained by seeded emulsion polymerization**
YILMAZ O., YILMAZ C. N., Gulumser G., Vasile C.
EUROPEAN POLYMER JOURNAL, vol.48, no.10, pp.1683-1695, 2012 (SCI-Expanded)
- XXV. **Chitosan/montmorillonite composites as matrices for prolonged delivery of some novel nitric oxide donor compounds based on theophylline and paracetamol**
Cojocariu A., Profire L., YILMAZ C. N., Vasile C.
Cellulose Chemistry and Technology, vol.46, no.1-2, pp.35-43, 2012 (SCI-Expanded)
- XXVI. **Evaluation of crosslinked chitosan hydrogels as carriers for prolonged delivery of some novel nitric oxide donor compounds based on theophylline and paracetamol**
Cojocariu A., Profire L., YILMAZ C. N., Oprea A., Vasile C.
E-Polymers, 2011 (SCI-Expanded)
- XXVII. **Rheological behaviour of acrylate/montmorillonite nanocomposite latexes and their application in leather finishing as binders**
YILMAZ O., YILMAZ C. N., Gulumser G., Vasile C.
PROGRESS IN ORGANIC COATINGS, vol.70, no.1, pp.52-58, 2011 (SCI-Expanded)
- XXVIII. **Preparation of stable acrylate/montmorillonite nanocomposite latex via in situ batch emulsion polymerization: Effect of clay types**
YILMAZ O., YILMAZ C. N., Durraccio D., Gulumser G., Vasile C.
APPLIED CLAY SCIENCE, vol.49, no.3, pp.288-297, 2010 (SCI-Expanded)
- XXIX. **Architecture and composition influence on the properties of some smart polymeric materials designed as matrices in drug delivery systems. A comparative study**
Vasile C., Dumitriu R. P., YILMAZ C. N., Oprea A. M.
APPLIED SURFACE SCIENCE, vol.256, no.3, 2009 (SCI-Expanded)
- XXX. **Characterisation of the Chitosan/layered silicate nanocomposites**
YILMAZ C. N., Vasile C., Duraccio D., Cimmino S.
DIFFUSION AND DEFECT DATA. SOLID STATE DATA. PART B. SOLID STATE PHENOMENA, vol.151, pp.123-128, 2009 (SCI-Expanded)
- XXXI. **Responsive freeze-drying interpolymeric associations of alginic acid and poly(N-isopropyl acrylamide). II. transition and temperature dependence on pH and composition**
YILMAZ C. N., Vasile C.
Cellulose Chemistry and Technology, vol.42, no.4-6, pp.207-212, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **THE DEVELOPMENT OF ALGINATE-BASED MATRICES LOADED WITH RIFAMPICIN FOR WOUND**

HEALING

Bibire T., Ghiciuc C. M., Yilmaz C. N., Ursu R. G., Danila R.

Med. Surg. J. –Rev. Med. Chir. Soc. Med. Nat., Iași, vol.128, no.1, pp.167-176, 2024 (ESCI)

- II. **Deri Finisajı için Düşük Emülgatör İçerikli Kompozit Yapılı bir Poliakrilik Lateks Sentezi ve Aplikasyonu**
YILMAZ O., YILMAZ C. N.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, pp.19-25, 2018 (ESCI)
- III. **Synthesis of Reactive Acrylic Copolymers using RAFT Mini-Emulsion Polymerization Technique**
YILMAZ O., KILIÇARISLAN ÖZKAN Ç., YILMAZ C. N., YORGANCIOĞLU A., ÖZGÜNAY H., KARAVANA H. A.
WSEAS TRANSACTIONS ON BIOLOGY AND BIOMEDICINE, vol.14, 2017 (Peer-Reviewed Journal)
- IV. **Eco-friendly chitosan-based nanocomposites: Chemistry and applications**
YILMAZ C. N., YILMAZ O., Vasile C.
Advanced Structured Materials, vol.74, pp.341-386, 2015 (Scopus)
- V. **Biocompatible and Biodegradable Chitosan / Clay Nanocomposites as New Carriers for Theophylline Controlled Release**
YILMAZ C. N., Dumitriu R. P., Nistor M., Lupusoru C., Popa M., Profire L., Silvestre C., Vasile C.
British Journal of Pharmaceutical Research, vol.6, no.4, pp.228-254, 2015 (Peer-Reviewed Journal)
- VI. **Polyvinyl alcohol/chitosan/montmorillonite nanocomposites preparation by freeze/thaw cycles and characterization**
Părpăriță E., YILMAZ C. N., Pațachia S. F., Vasile C.
ACTA CHEMICA IASI, vol.22, no.2, pp.75-96, 2014 (ESCI)
- VII. **BIOCOMPATIBILITY TESTING OF CHITOSAN HYDROGELS**
YILMAZ C. N., Stoica B., Neamtu A., Vasile C.
REVISTA MEDICO-CHIRURGICALA A SOCIETATII DE MEDICI SI NATURALISTI DIN IASI, vol.115, 2011 (ESCI)
- VIII. **IN VITRO EVALUATION OF KETOPROFEN CONTROLLED RELEASE FROM VARIOUS FORMULATIONS**
Oprea A. M., Dumitriu R. P., YILMAZ C. N., Vasile C.
REVISTA MEDICO-CHIRURGICALA A SOCIETATII DE MEDICI SI NATURALISTI DIN IASI, vol.114, no.3, pp.829-835, 2010 (Scopus)
- IX. **Nanocomposites Based On Montmorillonite/Acrylic Copolymer for Aqueous Coating of Soft Surfaces**
YILMAZ O., Chiriac A., YILMAZ C. N., Nita L., GÜLÜMSER G., Duraccio D., Cimmino S., Vasile C.
DIFFUSION AND DEFECT DATA. SOLID STATE DATA. PART B. SOLID STATE PHENOMENA, vol.151, pp.129-134, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Polyimide nanocomposites and blends for textiles**
Yilmaz O., Kucuk M., Yilmaz C. N.
in: POLYIMIDES. Advances in Blends and Nanocomposites, Dana Damaceanu, Raluca Nicoleta Darie-Nita, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.145-188, 2023
- II. **Micro/Nanoscaled Dispersed Systems Used in Drug Delivery Applications**
YILMAZ C. N., KARASULU H. Y., YILMAZ O.
in: POLYMERIC NANOMATERIALS IN NANOTHERAPEUTICS, Vasile Cornelia, Editor, ELSEVIER, pp.437-468, 2018
- III. **Polysaccharide containing gels for pharmaceutical applications a**
YILMAZ C. N., TUNCAY TANRIVERDİ S., ÖZER K. Ö., Vasile C.
in: Handbook On "Polymer Gels". Section "Polymer Gels: Science and Fundamentals, Thakur, VK Thakur, MK, Editor, SPRINGER-VERLAG SINGAPORE PTE LTD, pp.231-278, 2018
- IV. **Sodium Alginate Grafted with Poly(N-isopropylacrylamide)**
YILMAZ C. N., Vasile C., Ciocoiu O., Staikos G.
in: Temperature-Responsive Polymers: Chemistry, Properties, and Applications, Khutoryanskiy Vitaliy V., Georgiou Theoni K., Editor, Wiley, pp.121-174, 2018

- V. **Eco-Friendly Chitosan-Based Nanocomposites: Chemistry and Applications**
YILMAZ C. N., YILMAZ O., Vasile C.
in: Eco-friendly Polymer Nanocomposites. Advanced Structured Materials, Thakur V., Thakur M., Editor, Springer, New Delhi, New Delhi, pp.341-386, 2015
- VI. **Waterborne Nanocomposite Coatings**
YILMAZ O., YILMAZ C. N., Vasile C.
in: Comprehensive Guide for Nanocoatings Technology Volume 3 Properties and Development, Aliofkhazraei MOHAMMED, Editor, Nova Science Publishers, Ltd, pp.377-403, 2015
- VII. **Alcool Polivinilic, Componenta a Ambalajelor pentru Alimente**
Părpăriță E., YILMAZ C. N., Vasile C.
in: Noi Ambalaje Polimerice pentru Alimente, Vasile Cornelia, Cheaburu Catalina Natalia, Editor, PIM Editure, Iasi, pp.152-172, 2010
- VIII. **Chitosanul, Componenta Bioactiva in Ambalajele Utilizate in Industria Alimentara**
YILMAZ C. N., Vasile C.
in: Noi Ambalaje Polimerice pentru Alimente, Vasile Cornelia, Cheaburu Catalina Natalia, Editor, PIM Editure Iasi, Iasi, pp.113-129, 2010
- IX. **Novel polymeric carrier for controlled drug delivery systems from renewable sources**
YILMAZ C. N., Oprea A. M., Vasile C.
in: Trends in Polymer Research, G.E. Zaikov, Alfonso Jimenez, Yu. B. Monakov, Editor, Nova Science Publishers, Inc., pp.51-58, 2009
- X. **Interpolymeric associations between alginic acid and poly (N-isopropylacrylamide), poly (ethylene glycol) and polyacrylamide**
YILMAZ C. N., Vasile C.
in: Monomers, Oligomers, Polymers, Composites and Nanocomposites Research, Richard A. Pethrick, G.E. Zaikov, J. Pielichowski, Editor, Nova Science Publishers, Inc., pp.185-207, 2009
- XI. **Degradable Interpolymeric Complexes**
YILMAZ C. N., Bumbu G.
in: Environmentally Degradable Materials Based on Multicomponent Polymeric Systems, Vasile Cornelia, Editor, CRC Press Taylor Francis Group, pp.427-496, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Chitosan-graft-poly(N-isopropylacryl amide) and polyvinyl alcohol hydrogels for in vitro delivery of Voriconazole: Stability studies**
YILMAZ C. N., YILMAZ O.
19th National Symposium of POLYMERS, Pomorie, Bulgaria, Pomorie, Bulgaria, 9 - 12 September 2019
- II. **Crosslinkable acrylic latexes. Effect of particle morphology on performance properties**
YILMAZ O., KILIÇARISLAN ÖZKAN Ç., YILMAZ C. N.
19th National Symposium of POLYMERS, Pomorie, Bulgaria, Pomorie, Bulgaria, 9 - 12 September 2019
- III. **Synthesis and characterization of functional acrylic copolymers via RAFT mini-emulsion polymerization**
YILMAZ O., KILIÇARISLAN ÖZKAN Ç., YILMAZ C. N., ÖZGÜNAY H., KARAVANA H. A.
International Conference on Environment, Chemical Engineering Materials, Brasov, ROMANIA, Brasov, Romania, 27 - 29 June 2017
- IV. **Functionalization of chitosan by click chemistry**
YILMAZ C. N., KARAVANA S. Y., YILMAZ O.
International Conference on Environment, Chemical Engineering Materials“ (ECEM 'xx17), Brasov, Romania, Brasov, Romania, 27 June - 29 September 2017
- V. **PREPARATION OF ALKOXYSILANE FUNCTIONAL WATER SOLUBLE BLOCK COPOLYMERS VIA RAFT POLYMERIZATION**

KILIÇARISLAN ÖZKAN Ç., YILMAZ O., ÖZGÜNAY H., YILMAZ C. N., KARAVANA H. A., YORGANCIOĞLU A.
Materials, Methods Technologies, Burgas, Bulgaria, 26 - 30 June 2017, vol.11, pp.474-486

- VI. **Functionalized Chitosan based matrices for in vitro delivery of Voriconazole**
YILMAZ C. N., KARAVANA S. Y., YILMAZ O.
The 21th International Conference of Inventics, Iasi, Romania, Iasi, Romania, 29 - 30 June 2017
- VII. **Poly(vinyl alcohol)/chitosan nanocomposites for food packaging applications**
Părpăriță E., YILMAZ C. N., YILMAZ O., Pricope G., Vasile C.
3RD North and East European Congress on food, Brasov, Romania, 20 - 23 May 2015
- VIII. **Biocompatible and biodegradable chitosan/clay nanocomposites as new carriers for theophylline controlled release**
YILMAZ C. N., Vasile C.
Challenges in Science and Technology of Polymer Materials, Bansko, Bulgaria, Bansko, Bulgaria, 20 May 2016 - 23 May 2015
- IX. **In vitro and in vivo release behaviour of theophylline from some polymeric carriers based IPC, graft copolymers and hydrogels**
Novac O., YILMAZ C. N., Vasile C., Lupusoru C., Popa M.
26th International Carbohydrate Symposium (ICS2012), Madrid, Spain, Madrid, Spain, 22 - 27 July 2012
- X. **Xanthan based hydrogels as matrices for theophylline release.**
Oprea A. M., Nistor M., YILMAZ C. N., Novac O., Lupusoru C., Vasile C.
. The Xth Romanian International Symposium on Cosmetic and Flavor Products, Iasi, Romania, Iasi, Romania, 31 May - 03 June 2011
- XI. **Novel biodegradable materials from cellulose and chitosan with antimicrobial properties**
Ciolacu D., YILMAZ C. N., Pricope G., Vasile C.
The Xth Romanian International Symposium on Cosmetic and Flavor Products, Iasi Romania, Iasi, Romania, 31 May - 02 June 2011
- XII. **Study of some nanostructured materials**
YILMAZ C. N., Dumitriu R. P., Ciolacu D., Vasile C., Duraccio D., Silvestre C., Pezzuto M., Pezzuto M.
COST Action FA0904, International Workshop: "Safe Nanostructured Polymer Materials: characterization and new processing technologies, Napoli, Italy, Napoli, 3 - 04 March 2011
- XIII. **New Systems Based On LDPE/Chitosan/MMT for Active Packaging**
Darie R., YILMAZ C. N., Vasile C.
COST FA0904, Iasi, Romania, Iasi, Romania, 28 - 29 June 2010
- XIV. **Acrylate/Montmorillonite Nanocomposites- Promising Materials as Binders in Leather Finish. The Rheological Behavior**
YILMAZ O., YILMAZ C. N., GÜLÜMSER G., Vasile C.
I. International Leather Engineers Symposium, Izmir, Turkey, Iasi, Romania, 29 April - 01 May 2009
- XV. **Acrylate/Montmorillonite Nanocomposites – Promising Materials as Binders In Leather Finish. Polymer Characterization**
YILMAZ O., YILMAZ C. N., Nita L., GÜLÜMSER G., Vasile C.
I. International Leather Engineers Symposium, Izmir-Turkey, Iasi, Romania, 29 April - 01 May 2009
- XVI. **Nanocomposites Based on Montmorillonite/Acrylic Copolymer for Aqueous Coating of Soft Surfaces**
YILMAZ O., Chiriac A., YILMAZ C. N., Nita L., GÜLÜMSER G., Duraccio D., Cimmino S., Vasile C.
EMRS Symposium F: Nanocomposite Materials Warsaw Poland, Warszawa, Poland, 15 - 19 September 2008, vol.151, pp.129-134
- XVII. **Nanocomposites based on acrylic copolymer/montmorillonite for aqueous coating of soft surfaces: II. Thermal characterization and application**
YILMAZ O., YILMAZ C. N., GÜLÜMSER G., Chiriac A., Vasile C.
Zilele Facultatii de Inginerie Chimica si Protectia Mediului "Materiale si Procese Inovative, Iasi, Romania, Iasi, Romania, 15 - 17 November 2008
- XVIII. **Noi copolimeri grefati multi receptivi pe baza de alginat de sodiu si poli N-izopropilacrilamida. II. Sinteza si caracterizare reologica**

YILMAZ C. N., Vasile C.

Zilele Facultatii de Inginerie Chimica si Protectia Mediului "Materiale si Procese Inovative, Iasi, Romania, Iasi, Romania, 15 - 17 November 2008

Supported Projects

Yılmaz C. N., Orhan H., Gürer Orhan H., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Poliamin Transport Sistemi Aracılığı ile Akciğerlere Hedeflendirilmek üzere Antikanser İlaç Konjugatlarının Geliştirilmesi ve Test Edilmesi, 2023 - 2026

Yılmaz C. N., Duman N., Ceylan C., Ministry of Health, Yara iyileşmedinde kullanılmak üzere marin kökenli hidrogel temelli yeniformülasyonlarının üretimi ve karakterizasyonu, 2022 - 2025

Yılmaz C. N., TUBITAK Project, Ulva Lactuca Bazlı Biyopolimerlerin Geliştirilmesi Ve Yara İyileştirici Hidrojel Olarak Kullanımının Araştırılması, 2024 - 2024

Yılmaz C. N., Project Supported by Other Private Institutions, Tırnak Yüzeyine Uygulanacak Efinakonazol Etkin Maddesi Yüklü Biyoadeziv Formülasyonların Tasarlanması, 2021 - 2022

Yılmaz C. N., TUBITAK Project, Yenilikçi Ve Çok İşlevli Polimerik Retenaj Maddelerinin Geliştirilmesi Ve Deri Sanayinde Kullanımının Araştırılması, 2015 - 2017

Yılmaz C. N., TUBITAK Project, Biopolymeric matrices for topical applications, 2015 - 2017

Yılmaz C. N., Project Supported by Other Official Institutions, New therapeutic systems NO donors with controlled delivery, (NOSITEC), 2007 - 2010

Yılmaz C. N., Project Supported by Other Official Institutions, New intelligent and multi-responsive materials with applications in medicine, pharmacy and industry, 2007 - 2009

Yılmaz C. N., Project Supported by Other Official Institutions, Nanocomposites based on chitosan and its derivatives with special applications- Proje no: 104GR/2007, 2007 - 2009

Patent

Yılmaz C. N., PROCEDEU DE OBȚINERE DE NOI COPOLIMERI GREFAȚI TERMO ȘI pH-RECEPTIVI, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: OSIM A/00246 , Standard Registration, 2010

Activities in Scientific Journals

COATINGS, Special Issue Editor, 2022 - Continues

JOURNAL OF APPLIED POLYMER SCIENCE, Evaluation Committee Member, 2019 - Continues

POLYMERS, Evaluation Committee Member, 2018 - Continues

PHARMACEUTICS, Evaluation Committee Member, 2018 - Continues

Memberships / Tasks in Scientific Organizations

PETRU PONI INSTITUTE OF MACROMOLECULAR CHEMISTRY, Consultant, 2024 - 2024, Romania

Scientific Refereeing

Horizon Europe Project, Horizon Europe Project, Circular Bio-based Europe Joint Undertaking AGENCY, Turkey, October 2023