

Prof. MEHMET SAYIP EROĞLU

Personal Information

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Address: Marmara Üniversitesi, Mühendislik Fakültesi Kimya Müh. Bölümü, 34722, Kadıköy, İstanbul

Biography

- 2006- Profesör (Marmara Üniversitesi)
- 1999 (30.Kasım.1999) Doçent (Fiziksel Kimya/Polimer Kimyası)
- 1998 Prof. Dr. Jeffrey T. Koberstein, ile doktora sonrası araştırma çalışmaları
University of Connecticut, Institute of Materials Science, Polymer Program,
Connecticut USA.

Çalışma Konusu "Synthesis of some surface-active block co-polymers for creating biomimetic smart surfaces".

Destekleyen kuruluş: NSF (National Science Foundation)

Doktora sonrası çalışmalarda, poli(sitren) bağlanma blokları (anchor blocks) ve C-C ana zinciri üzerinde asılı florokarbon ve -OH fonksiyonel grupları içeren blok kopolimerlerin sentez ve karakterizasyonunu yaptı.

- 1996 Prof. Dr. Olgun Güven ile Fiziksel Kimya anabilim Dalında Doktora çalışmalarını tamamladı
Hacettepe Üniversitesi, Kimya Bölümü, Beytepe, Ankara.

Çalışma Konusu: "Glisidil Azid Polymerin Sentezi, Karakterizasyonu ve Çapraz Bağlanması"

Destekleyen kuruluş: Türkiye Bilimsel ve Teknik Araştırma Kurumu, TÜBİTAK.

Doktora tez çalışmalarında, yüksek performanslı katı roket yakıtı üretiminde polimerik bağlayıcı olarak ve performans artırıcı katkı olarak kullanılan yüksek enerjili, Glisidil Azid Polymerin (GAP) sentez ve karakterizasyonunu yaptı. GAP polimerini çapraz bağlayarak termal bozunma mekanizmasını açıkladı.

- 1988 Prof. Dr. Olgun Güven ile Kimya Mühendisliğinde Yüksek Lisans çalışmalarını tamamladı.

Gazi Üniversitesi, Mühendislik fakültesi Kimya Mühendisliği Bölümü, Ankara.

Çalışma Konusu: "Katı Yakıtlı Roket Motorlarına Yakıt Astarı Uygulaması"

Destekleyen kuruluş: Türkiye Bilimsel ve Teknik Araştırma Kurumu, TÜBİTAK. Yüksek Lisans Çalışmalarında, katı yakıtlı roket motorlarına uygulanmak üzere yakıt astarı formülasyonları geliştirdi. Karboksil Uç Guruplu Polibutadien (CTPB) esaslı değişik çapraz bağlı sistemleri, epoksi içeren ikili çapraz bağlayıcı sistemler ile hazırlayarak mekanik ve termal karakterizasyonunu yaptı.

- 1985 Kimya Mühendisliği Lisans Eğitimini tamamladı.

Hacettepe Üniversitesi, Kimya Mühendisliği Bölümü, Beytepe, Ankara

Education Information

Post Graduate, Gazi Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2014 - 2018

Doctorate, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1992 - 1995

Under Graduate, Hacettepe Üniversitesi, Kimya Fakültesi, Kimya Mühendisliği Pr., Turkey 1980 - 1985

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Glisidil azid polimerinin (GAP) sentezi karakterizasyonu ve çapraz bağlanması, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1995

Post Graduate, Katı yakıtlı roket motorlarına yakıt astarı uygulaması, Gazi Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 1988

Research Areas

Physical Chemistry, Engineering and Technology

Academic Titles / Tasks

Professor, Marmara University, Faculty of Engineering, Chemical Engineering, 2005 - Continues

Associate Professor, Marmara University, Faculty of Engineering, Chemical Engineering, 2003 - 2005

Professional Experience

Head of Department, Marmara University, Faculty of Engineering, Chemical Engineering, 2006 - 2009

Courses

Fiziksel Kimya, Under Graduate, 2021 - 2022

Genel Kimya-2, Under Graduate, 2003 - 2004, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Genel Kimya-1, Under Graduate, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Advising Theses

- EROĞLU M. S. , Preparation and characterization of solid lipid nanoparticles (SLNs) for drug delivery systems, Post Graduate, A.YARGIÇ(Student), 2018
- EROĞLU M. S. , Preparation of cross-linked β -glucan as drug carrier, Post Graduate, A.Eyigör(Student), 2017
- EROĞLU M. S. , Preparation of cross-linked β -glucan as drug carrier, Post Graduate, A.EYİĞÖR(Student), 2017
- EROĞLU M. S. , Levan based biodegradable hydrogels for drug delivery, Post Graduate, A.OSMAN(Student), 2016
- EROĞLU M. S. , Preparation and characterization of gene and drug delivery systems, Doctorate, M.SENNAROĞLU(Student), 2015
- EROĞLU M. S. , A novel design of levan based tumour targeting nano-scale micelles, Doctorate, E.MUTLU(Student), 2014
- EROĞLU M. S. , Preparation and characterization of chitosan-EVA blend systems, Post Graduate, P.SARIOĞLU(Student), 2013
- EROĞLU M. S. , Sipi ep-resin/polyvinyl-thermoplastic, Post Graduate, B.KAHRAMAN(Student), 2013
- EROĞLU M. S. , Pedodontide kullanılan farklı restoratif materyallerin polimerizasyon derinliğinin karşılaştırılması olarak incelenmesi, Doctorate, H.ERTAY(Student), 2011
- EROĞLU M. S. , Surface modified CaCO₃ and its use in polymer composites, Post Graduate, S.ÖZAY(Student), 2009
- EROĞLU M. S. , Elucidation of the state of water in hydrogels, Post Graduate, E.DEMİRCAN(Student), 2006
- EROĞLU M. S. , Molecular imprinting using fluorescence spectroscopy, Post Graduate, M.SENNAROĞLU(Student), 2006

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Halomonas levan-coated phospholipid based nano-carrier for active targeting of A549 lung cancer cells**
Mutlu E. C. , BAHADORI F., Bostan M. S. , Sarilmiser H. K. , ToksoyOner E., EROĞLU M. S.
EUROPEAN POLYMER JOURNAL, vol.144, 2021 (Journal Indexed in SCI)
- II. **Surface modification of polybenzoxazines by electrochemical hydroquinone-quinone switch**
Kaya G., Kışkan B., İsci R., EROĞLU M. S. , Öztürk T., Yağcı Y.
EUROPEAN POLYMER JOURNAL, vol.142, 2021 (Journal Indexed in SCI)
- III. **Surface characterization, electrochromic and capacitive properties of poly (N-(4-(4-thieno [3,2-b]thiophen-3-yl-phenyl) phenyl)-N-phenylbenzenamine) film**
Topal S., Sezer E., EROĞLU M. S. , Öztürk T.
POLYMER, vol.209, 2020 (Journal Indexed in SCI)
- IV. **Synthesis of hyaluronated poly(exo-7-oxabicyclo[2.2.1]hept-5-en-2,3-dicarboxylic anhydride) brushes via a combination of surface-initiated ring-opening metathesis polymerization and thiol-ene click reaction**
Ozturk E. A. , EROĞLU M. S. , ÇAYKARA T.
CHEMICAL PAPERS, 2020 (Journal Indexed in SCI)
- V. **Levan-based hydrogels for controlled release of Amphotericin B for dermal local antifungal therapy of Candidiasis**
Demirci T., Haskoğlu M. E. , EROĞLU M. S. , Hemberger J., Oner E. T.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.145, 2020 (Journal Indexed in SCI)
- VI. **Development and optimization of a novel PLGA-Levan based drug delivery system for curcumin, using a quality-by-design approach**
Bahadori F., Eskandari Z., Ebrahimi N., Sennaroğlu Bostan M., Eroğlu M. S. , Toksoy Öner E.
European Journal Of Pharmaceutical Sciences, vol.138, pp.105037, 2019 (Journal Indexed in SCI)

- VII. **Encapsulated melatonin in polycaprolactone (PCL) microparticles as a promising graft material**
Gurler E. B. , Ergul N. M. , Ozbek B., Ekren N., Oktar F. N. , Haskoylu M. E. , Oner E., Eroğlu M. S. , Özbeyli D., Korkut V., et al.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.100, pp.798-808, 2019
(Journal Indexed in SCI)
- VIII. **Comparative characterization of the hydrogel added PLA/ β -TCP scaffolds produced by 3D bioprinting**
aydoğdu M. O. , TOKSOY ÖNER E., EKREN N., Erdemir G., KURUCA D. S. , YÜCA E., SENNAROĞLU BOSTAN M., EROĞLU M. S. , Ikram F., UZUN M., et al.
Bioprinting, 2019 (Journal Indexed in SCI)
- IX. **Gradient multifunctional biopolymer thin film assemblies synthesized by combinatorial MAPLE**
Mihailescu N., Haskoylu M. E. , Ristoscu C., Bostan M., Sopronyi M., EROĞLU M. S. , Chifiriuc M. C. , Mustaciosu C. C. , Axente E., Oner E. T. , et al.
APPLIED SURFACE SCIENCE, vol.466, pp.628-636, 2019 (Journal Indexed in SCI)
- X. **Co-Culture of Keratinocyte-Staphylococcus aureus on Cu-Ag-Zn/CuO and Cu-Ag-W Nanoparticle Loaded Bacterial Cellulose:PMMA Bandages**
Altun E., Aydogdu M. O. , Crabbe-Mann M., Ahmed J., Brako F., Karademir B., Aksu B., Sennaroğlu Bostan M., Eroğlu M. S. , Ren G., et al.
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.304, 2019 (Journal Indexed in SCI)
- XI. **Beta-Glucan based temperature responsive hydrogels for 5-ASA delivery**
Eyigor A., Bahadori F., Yenigun V. B. , EROĞLU M. S.
CARBOHYDRATE POLYMERS, vol.201, pp.454-463, 2018 (Journal Indexed in SCI)
- XII. **Halomonas smyrnensis as a cell factory for co-production of PHB and levan**
Tohme S., Haciosmanoğlu G. G. , Eroğlu M. S. , Kasavi C., Genç S., Can Z. S. , Oner E. T.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.118, pp.1238-1246, 2018 (Journal Indexed in SCI)
- XIII. **Thieno[2,3-b]thiophene based polymers: Synthesis and optoelectronic properties**
Cinar M. E. , Cankaya S. T. , Capan A., EROĞLU M. S. , Öztürk T.
EUROPEAN POLYMER JOURNAL, vol.104, pp.72-80, 2018 (Journal Indexed in SCI)
- XIV. **Novel levan and pNIPA temperature sensitive hydrogels for 5-ASA controlled release**
Osman A., Oner E. T. , EROĞLU M. S.
CARBOHYDRATE POLYMERS, vol.165, pp.61-70, 2017 (Journal Indexed in SCI)
- XV. **White Light Emitting Polymers Possessing Thienothiophene and Boron Units**
Sahin O., Cinar M. E. , Tekin E., Mucur S. P. , Topal S., Suna G., Eroglu M. S. , Ozturk T.
CHEMISTRYSELECT, vol.2, no.10, pp.2889-2894, 2017 (Journal Indexed in SCI)
- XVI. **Sugar Based Biopolymers in Nanomedicine; New Emerging Era for Cancer Imaging and Therapy**
EROĞLU M. S. , Oner E. T. , Mutlu E. C. , Bostan M.
CURRENT TOPICS IN MEDICINAL CHEMISTRY, vol.17, no.13, pp.1507-1520, 2017 (Journal Indexed in SCI)
- XVII. **Copolymers Possessing Dithienothiophene and Boron for Optoelectronic Applications**
Sevinis E. B. , Sahin C., Cinar M. E. , EROĞLU M. S. , Öztürk T.
POLYMER ENGINEERING AND SCIENCE, vol.56, no.12, pp.1390-1398, 2016 (Journal Indexed in SCI)
- XVIII. **Lecithin-acrylamido-2-methylpropane sulfonate based crosslinked phospholipid nanoparticles as drug carrier**
Mutlu E. C. , Bostan M., Bahadori F., Kocyigit A., Oner E. T. , EROĞLU M. S.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.133, no.42, 2016 (Journal Indexed in SCI)
- XIX. **Sulfated levan from Halomonas smyrnensis as a bioactive, heparin-mimetic glycan for cardiac tissue engineering applications**
Erginer M., Akcay A., Coskuncan B., Morova T., Rende D., Bucak S., Baysal N., Ozisik R., EROĞLU M. S. , Agirbasli M., et al.
CARBOHYDRATE POLYMERS, vol.149, pp.289-296, 2016 (Journal Indexed in SCI)
- XX. **Creating low energy paint surface using hollow sub-micron-latex particles**

Deniz S., Arca M., Eroğlu M. S. , Arca E.

PROGRESS IN ORGANIC COATINGS, vol.98, pp.14-17, 2016 (Journal Indexed in SCI)

- XXI. **Polymerization of Thienothiophenes and Dithienothiophenes via Click-Reaction for Electronic Applications**
Buyruk A., Cinar M. E. , EROĞLU M. S. , Öztürk T.
CHEMISTRYSELECT, vol.1, no.12, pp.3028-3032, 2016 (Journal Indexed in SCI)
- XXII. **Sulfated Halomonas levan as a heparin-mimetic bioactive glycan**
Erginer M., Coskuncan B., Morova T., Rende D., Bucak S., Baysal N., Ozisik R., EROĞLU M. S. , Agirbasli M., Oner E. T.
NEW BIOTECHNOLOGY, vol.33, 2016 (Journal Indexed in SCI)
- XXIII. **Corrigendum to Sequence specific recognition of ssDNA by fluorophore 3 hydroxyflavone J Photochem Photobiol B Biol 153 December 2015 391 396**
ÇAPAN A., SENNAROĞLU BOSTAN M., MOZİOĞLU E., AKÖZ M., EROĞLU M. S. , ÖZTÜRK T.
Journal Of Photochemistry And Photobiology B-Biology, vol.158, pp.280, 2016 (Journal Indexed in SCI Expanded)
- XXIV. **Sequence specific recognition of ssDNA by fluorophore 3-hydroxyflavone**
Capan A., Bostan M., Mozioglu E., Akoz M., Goren A. C. , EROĞLU M. S. , Öztürk T.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.153, pp.391-396, 2015 (Journal Indexed in SCI)
- XXV. **Comprehensive characterization of polylactide-layered double hydroxides nanocomposites as packaging materials**
Demirkaya Z. D. , Sengul B., EROĞLU M. S. , DİLSİZ N.
JOURNAL OF POLYMER RESEARCH, vol.22, no.7, 2015 (Journal Indexed in SCI)
- XXVI. **A New Lipid-Based Nano Formulation of Vinorelbine**
Bahadori F., Topcu G., EROĞLU M. S. , Onyüksel H.
AAPS PHARMSCITECH, vol.15, no.5, pp.1138-1148, 2014 (Journal Indexed in SCI)
- XXVII. **Combinatorial MAPLE gradient thin film assemblies signalling to human osteoblasts**
Axente E., Sima F., Sima L. E. , Erginer M., EROĞLU M. S. , Serban N., Ristoscu C., Petrescu S. M. , Oner E. T. , Mihailescu I. N.
BIOFABRICATION, vol.6, no.3, 2014 (Journal Indexed in SCI)
- XXVIII. **Comprehensive characterization of chitosan/PEO/levan ternary blend films**
Bostan M., Mutlu E. C. , Kazak H., KESKİN S. S. , Oner E. T. , EROĞLU M. S.
CARBOHYDRATE POLYMERS, vol.102, pp.993-1000, 2014 (Journal Indexed in SCI)
- XXIX. **Controlled release of 5-aminosalicylic acid from chitosan based pH and temperature sensitive hydrogels**
Bostan M., Senol M., Cig T., PEKER İ., Goren A. C. , Ozturk T., EROĞLU M. S.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.52, pp.177-183, 2013 (Journal Indexed in SCI)
- XXX. **Combinatorial matrix-assisted pulsed laser evaporation: Single-step synthesis of biopolymer compositional gradient thin film assemblies**
Sima F., Axente E., Sima L. E. , Tuyel U., Eroglu M. S. , Serban N., Ristoscu C., Petrescu S. M. , Oner E. T. , Mihailescu I. N.
APPLIED PHYSICS LETTERS, vol.101, no.23, 2012 (Journal Indexed in SCI)
- XXXI. **Levan Nanostructured Thin Films by MAPLE Assembling**
Sima F., Mutlu E. C. , EROĞLU M. S. , Sima L. E. , Serban N., Ristoscu C., Petrescu S. M. , Oner E. T. , Mihailescu I. N.
BIOMACROMOLECULES, vol.12, no.6, pp.2251-2256, 2011 (Journal Indexed in SCI)
- XXXII. **Dielectric properties of polymer composites filled with different metals**
Qureshi A., Mergen A., EROĞLU M. S. , Singh N. L. , Gulluoglu A. N.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.45, no.6, pp.462-469, 2008 (Journal Indexed in SCI)
- XXXIII. **Surface free energy analysis of poly(HEMA)poly(perfluoroacrylate) copolymer networks**
Eroglu M. S.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.101, no.5, pp.3343-3347, 2006 (Journal Indexed in SCI)

- XXXIV. **Surface energetics of poly(N-vinyl-2-pyrrolidone)/chitosan blend films**
Caykara T., Alaslan A., Eroglu M. S. , Guven O.
APPLIED SURFACE SCIENCE, vol.252, no.20, pp.7430-7435, 2006 (Journal Indexed in SCI)
- XXXV. **Surface properties of binary blend films of poly(N-vinyl-2-pyrrolidone) and poly(vinyl alcohol) with sodium alginate**
Caykara T., Demirci S., Eroglu M. S. , Guven L.
JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS, vol.44, no.2, pp.426-430, 2006 (Journal Indexed in SCI)
- XXXVI. **Poly(ethylene oxide) and its blends with sodium alginate**
Caykara T., Demirci S., Eroglu M. S. , Guven O.
POLYMER, vol.46, no.24, pp.10750-10757, 2005 (Journal Indexed in SCI)
- XXXVII. **Hydroxylation of pendant vinyl groups of poly(3-hydroxy undec-10-enoate) in high yield**
Eroglu M. S. , Hazer B., Ozturk T., Caykara T.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.97, no.5, pp.2132-2139, 2005 (Journal Indexed in SCI)
- XXXVIII. **Free radical crosslinking of unsaturated bacterial polyesters obtained from soybean oily acids**
Hazer B., Demirel S., Borcakli M., Eroglu M. S. , Cakmak M., Erman B.
POLYMER BULLETIN, vol.46, no.5, pp.389-394, 2001 (Journal Indexed in SCI)
- XXXIX. **Ceric ion initiation of methyl methacrylate from poly(glycidyl azide)-diol**
Arslan H., Eroglu M. S. , Hazer B.
EUROPEAN POLYMER JOURNAL, vol.37, no.3, pp.581-585, 2001 (Journal Indexed in SCI)
- XL. **Surface free-energy analysis of energetic poly(glycidyl azide) networks prepared by different reactive systems**
Dogan M., Eroglu M. S. , Erbil H.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.74, no.12, pp.2848-2855, 1999 (Journal Indexed in SCI)
- XLI. **Gamma-rays induced copolymerization of vinyl triethoxy silane and methyl methacrylate: Their spectroscopic characterization**
Caykara T., Eroglu M. S. , Guven O.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.73, no.2, pp.141-147, 1999 (Journal Indexed in SCI)
- XLII. **Thermal and oxidative degradation of vinyl triethoxy silane - methyl methacrylate copolymers**
Caykara T., Eroglu M. S. , Guven O.
POLYMER DEGRADATION AND STABILITY, vol.63, no.1, pp.65-70, 1999 (Journal Indexed in SCI)
- XLIII. **Characterization of the network structure of hydroxyl terminated poly(butadiene) elastomers prepared by different reactive systems**
Eroglu M. S.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.70, no.6, pp.1129-1135, 1998 (Journal Indexed in SCI)
- XLIV. **Mechanical properties and water vapor permeation of vinyltriethoxysilane methyl methacrylate copolymers**
Caykara T., Eroglu M. S. , Guven O.
ANGEWANDTE MAKROMOLEKULARE CHEMIE, vol.259, pp.73-76, 1998 (Journal Indexed in SCI)
- XLV. **Surface free energy analysis of vinyl triethoxy silane-methyl methacrylate copolymers and their homopolymer blends**
Caykara T., Eroglu M. S. , Guven O.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.69, no.8, pp.1551-1556, 1998 (Journal Indexed in SCI)
- XLVI. **gamma-ray induced graft copolymerization of methyl methacrylate onto poly(beta-hydroxynonanoate)**
Eroglu M. S. , Caykara T., Hazer B.
POLYMER BULLETIN, vol.41, no.1, pp.53-60, 1998 (Journal Indexed in SCI)
- XLVII. **Thermoanalytical life time testing of energetic poly(glycidyl azide) and its precursor, poly(epichlorodrin)**
Eroglu M. S.
POLYMER BULLETIN, vol.41, no.1, pp.69-76, 1998 (Journal Indexed in SCI)

- XLVIII. **Synthesis and thermal characterization of macromonomeric azo initiator containing poly(epsilon-caprolactone): Styrene and methyl methacrylate copolymerization**
Eroglu M. S. , Hazer B., Baysal B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.68, no.7, pp.1149-1157, 1998 (Journal Indexed in SCI)
- XLIX. **Characterization of network structure of poly(glycidyl azide) elastomers by swelling, solubility and mechanical measurements**
Eroglu M. S. , Guven O.
POLYMER, vol.39, no.5, pp.1173-1176, 1998 (Journal Indexed in SCI)
- L. **Spectroscopic, thermal, and mechanical characterization of carboxyl-terminated polybutadiene-based carbon black-filled networks**
Eroglu M. S. , Akilli M., Guven O.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.66, no.2, pp.355-366, 1997 (Journal Indexed in SCI)
- LI. **Determination of solubility parameters of poly(epichlorohydrin) and poly(glycidyl azide) networks**
Eroglu M. S. , Baysal B., Guven O.
POLYMER, vol.38, no.8, pp.1945-1947, 1997 (Journal Indexed in SCI)
- LII. **Network characterization of energetic poly(glycidyl azide)**
Eroglu M. S. , Guven O.
TURKISH JOURNAL OF CHEMISTRY, vol.21, no.4, pp.256-261, 1997 (Journal Indexed in SCI)
- LIII. **Thermal decomposition of poly(glycidyl azide) as studied by high-temperature FTIR and thermogravimetry**
Eroglu M. S. , Guven O.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.61, no.2, pp.201-206, 1996 (Journal Indexed in SCI)
- LIV. **Preparation and thermal characterization of block copolymers by macroazobitriles having glycidyl azide and epichlorohydrin moieties**
Eroglu M. S. , Hazer B., Guven O., Baysal B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.60, no.12, pp.2141-2147, 1996 (Journal Indexed in SCI)
- LV. **Synthesis and characterization of hydroxyl terminated poly(butadiene)-g-poly(glycidyl azide) copolymer as a new energetic propellant binder**
Eroglu M. S. , Hazer B., Guven O.
POLYMER BULLETIN, vol.36, no.6, pp.695-701, 1996 (Journal Indexed in SCI)
- LVI. **Spectroscopic and thermal characterization of poly(glycidyl azide) converted from polyepichlorohydrin**
Eroglu M. S. , Guven O.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.60, no.9, pp.1361-1367, 1996 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Synthesis and engineering of sodium alginate/inulin core-shell nano-hydrogels for controlled-release oral delivery of 5-ASA**
Bahadori F., EROĞLU M. S. , akyl S., aknan B. S.
Organic Communications, vol.12, no.3, pp.132-142, 2019 (Refereed Journals of Other Institutions)
- II. **Biohydrogels for medical applications: A short review**
Moukbil Y., OKTAR F. N. , Ozbek B., Ficai D., Ficai A., Andronescu E., EROĞLU M. S. , GÜNDÜZ O.
ORGANIC COMMUNICATIONS, vol.11, no.3, pp.123-141, 2018 (Journal Indexed in ESCI)
- III. **GAP pre-polymer, as an energetic binder and high performance additive for propellants and explosives: A review**
EROĞLU M. S. , Bostan M. S.
ORGANIC COMMUNICATIONS, vol.10, no.3, pp.135-143, 2017 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A comparative study of polymerization depth of composite restorative materials**
ATALAR H. E. , KASIMOĞLU Y., EROĞLU M. S. , GENÇAY K.
26th International Congress of Turkish Society of Pediatric Dentistry, Antalya, Turkey, 10 - 13 October 2019
- II. **Coincise synthesis of alkylthieno[3,2-b]thiophenes: Building blocks for organic electronics and optoelectronic materials**
ÖZTÜRK T., İlhan K. T. , Topal S., EROĞLU M. S.
28th International Symposium on the Organic Chemistry of Sulfur, 26 - 31 August 2018
- III. **Synthetic Studies on HNIW**
ÖZTÜRK T., EROĞLU M. S.
NTREM 2018, 18 - 20 April 2018
- IV. **Fractionation of Novel Paclitaxel Nanoformulation by Ultracentrifuge**
MUTLU E., EROĞLU M. S.
11 Annual Graduate School Meeting: From Cells to Organisms: Insights into biomolecular mechanism, Münster, Germany, 26 - 28 April 2017, pp.66
- V. **Mechano-chemical analysis of elastomeric glycidyl azide polymer**
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