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Personal Information

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Polimer Bilim Ve Teknoloji (Dr), Turkey 2005 - 2013

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya (YI) (Tezli), Turkey 2003 - 2005

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1998 - 2003

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Preparation and Characterization of Polymeric Hard Tissue Supports, Middle East Technical University, Graduate School of Natural and Applied Sciences, Polimer Bilim Ve Teknoloji (Dr), 2013

Postgraduate, Preparation and Characterization of Acrylic Bone Cements, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kimya (YI) (Tezli), 2005

Research Areas

Natural Sciences

Academic Titles / Tasks

Expert, Middle East Technical University, Presidency Office, Merkez Laboratuvar, 2010 - Continues

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

- I. **Enhancing esophageal repair with bioactive bilayer mesh containing FGF**
Cesur O., ENDOĞAN TANIR T., Celepli P., Ozarslan F., Hucumenoglu S., KARAİBRAHİMOĞLU A., HASIRCI N.
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (Journal Indexed in SCI)
- II. **Preparation and characterization of poly(epsilon-caprolactone) scaffolds modified with cell-loaded fibrin gel**

Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., Hasirci N.

INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.125, pp.683-689, 2019 (Journal Indexed in SCI)

- III. **Synthesis and characterization of polycaprolactone-based segmented polyurethanes**
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TURKISH JOURNAL OF CHEMISTRY, vol.43, no.2, pp.452-463, 2019 (Journal Indexed in SCI)
- IV. **PCL-TCP wet spun scaffolds carrying antibiotic-loaded microspheres for bone tissue engineering**
Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., Hasirci V., Hasirci N.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.29, pp.805-824, 2018 (Journal Indexed in SCI)
- V. **PCL and PCL-based materials in biomedical applications**
Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., Hasirci V., Hasirci N.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.29, pp.863-893, 2018 (Journal Indexed in SCI)
- VI. **3D printed poly(epsilon-caprolactone) scaffolds modified with hydroxyapatite and poly(propylene fumarate) and their effects on the healing of rabbit femur defects**
Büyüksungur S., Tanir T., Büyüksungur A., Bektas E. I. , Kose G. T. , Yücel D., Beyzadeoglu T., Çetinkaya E., Yenigün C., Tönük E., et al.
BIOMATERIALS SCIENCE, vol.5, no.10, pp.2144-2158, 2017 (Journal Indexed in SCI)
- VII. **Preparation and Characterization of Chitosan and PLGA-Based Scaffolds for Tissue Engineering Applications**
ENDOĞAN TANIR T., Hasirci V., Hasirci N.
POLYMER COMPOSITES, vol.36, no.10, pp.1917-1930, 2015 (Journal Indexed in SCI)
- VIII. **Electrospinning of chitosan/poly(lactic acid-co-glycolic acid)/hydroxyapatite composite nanofibrous mats for tissue engineering applications**
ENDOĞAN TANIR T., Hasirci V., Hasirci N.
POLYMER BULLETIN, vol.71, no.11, pp.2999-3016, 2014 (Journal Indexed in SCI)
- IX. **Acrylic Bone Cements: Effects of the Poly(methyl methacrylate) Powder Size and Chitosan Addition on Their Properties**
ENDOĞAN TANIR T., KIZILTAY A., Kose G. T. , ÇOMUNOĞLU N., Beyzadeoglu T., Hasirci N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.131, no.3, 2014 (Journal Indexed in SCI)
- X. **Effects of Ethylene Oxide Resterilization and In-vitro Degradation on Mechanical Properties of Partially Absorbable Composite Hernia Meshes**
ENDOĞAN TANIR T., Ozyaylali I., Kulacoglu H., Serbetci K., Kiyak G., Hasirci N.
CHIRURGIA, vol.108, no.6, pp.840-848, 2013 (Journal Indexed in SCI)
- XI. **Gelatin Based Scaffolds and Effect of EGF Dose on Wound Healing**
Bilgic H., Demiriz M., Ozler M., Ide T., Dogan N., Gumus S., KIZILTAY A., ENDOĞAN TANIR T., HASIRCI V. N. , Hasirci N.
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- XII. **Modification of Acrylic Bone Cements with Oxygen Plasma and Additives**
ENDOĞAN TANIR T., KIZILTAY A., Hasirci V., Hasirci N.
JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING, vol.2, no.3, pp.236-243, 2012 (Journal Indexed in SCI)
- XIII. **Blood compatibility of polymers derived from natural materials**
Fedel M., ENDOĞAN TANIR T., Hasirci N., Maniglio D., Morelli A., Chiellini F., Motta A.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.27, no.4, pp.295-312, 2012 (Journal Indexed in SCI)
- XIV. **Microfabrication of PDLA scaffolds**
Carletti E., ENDOĞAN TANIR T., Hasirci N., HASIRCI V. N. , Maniglio D., Motta A., Migliaresi C.
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, vol.5, no.7, pp.569-577, 2011 (Journal Indexed in SCI)
- XV. **Comparison of in vitro cytotoxicity and genotoxicity of MMA-based polymeric materials and various metallic materials**
GÜLÇE İZ S., Gurhan S. I. D. , Sen B. H. , ENDOĞAN TANIR T., HASIRCI N.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.40, no.6, pp.905-916, 2010 (Journal Indexed in SCI)

- XVI. **Effect of oxygen plasma on surface properties and biocompatibility of PLGA films**
Hasirci N., ENDOĞAN TANIR T., Vardar E., KIZILTAY A., Hasirci V.
SURFACE AND INTERFACE ANALYSIS, vol.42, pp.486-491, 2010 (Journal Indexed in SCI)
- XVII. **Effects of Ingredients on Thermal and Mechanical Properties of Acrylic Bone Cements**
ENDOĞAN TANIR T., Serbetci K., Hasirci N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.113, no.6, pp.4077-4084, 2009 (Journal Indexed in SCI)

Books & Book Chapters

- I. **Biomaterials Surface Properties: Implications in Immune Response**
ENDOĞAN TANIR T., ESENDAĞLI G., AKSOY E. A.
in: Biomaterials and Immune Response: Complications, Mechanisms and Immunomodulation, Vrana, Nihal Engin, Editor, CRC Press Taylor Francis Group, pp.121-140, 2018
- II. **Polymer Fundamentals: Polymer Synthesis**
HASIRCI V. N. , HURİ P., ENDOĞAN TANIR T., EKE G., HASIRCI N.
in: Comprehensive Biomaterials, P. Ducheyne, K.E. Healy, D.W. Hutmacher, D.W. Grainger, C.J. Kirkpatrick, Editor, Elsevier, pp.478-506, 2017
- III. **Polymer Fundamentals: Polymer Synthesis**
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in: Comprehensive Biomaterials, P. Ducheyne, K.E. Healy, D.W. Hutmacher, D.W. Grainger, C.J. Kirkpatrick, Editor, Elsevier, pp.478-506, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **PCL-Fibrin Scaffolds for Tissue Engineering**
Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N. , HASIRCI N.
22nd International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- II. **Polymeric bilayer scaffolds co-cultured with L929 and BMSCs for periodontal applications**
KIZILTAY A., DÜZENLİ İ., ENDOĞAN TANIR T., HASIRCI N.
22nd International Biomedical Science Technology Symposium, BIOMED 2017, Ankara, Turkey, 12 - 14 May 2017
- III. **PCL-Fibrin scaffolds for bone tissue engineering applications**
malikmammadov e., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N. , HASIRCI N.
22nd International Biomedical Science Technology Symposium, Ankara, Turkey, 12 - 14 May 2017
- IV. **Platelet adhesion and protein adsorption on heparin immobilized graphene enhanced poly acrylonitrile co ethyl methacrylate copolymer membranes**
ENDOĞAN TANIR T., VARGÜN E., Yıldız Ünal A., HASIRCI N.
World Polymer Congress Macro 2016, 17 - 21 July 2016
- V. **Surface modified multi-functional PCL/TCP fibrous scaffolds**
MALIKMAMMADOV E., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI N., HASIRCI V. N.
10th World Biomaterials Congress, 17 - 22 May 2016
- VI. **PCL based Bilayer Scaffolds for Dental Tissue Engineering**
Düzenli İ., KIZILTAY A., ENDOĞAN TANIR T., HASIRCI V. N. , HASIRCI N.
21st International Biomedical Science and Technology Symposium, Antalya, Turkey, 22 - 24 October 2015
- VII. **Modelling of 3D Scaffolds for Patient Specific Implants**
BÜYÜKSUNGUR A., HASIRCI N., ENDOĞAN TANIR T., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium, 22 - 24 October 2015
- VIII. **Functional PCL Scaffolds Local Antibiotic Delivery in Bone Tissue Engineering Applications**
Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N. , HASIRCI N.
21st International Biomedical Science and Technology Symposium, Antalya, Turkey, 22 - 24 October 2015

- IX. **PCL Wet Spun Scaffolds for Antibiotic Delivery**
MALIKMAMMADOV E., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI N.
11th Frontiers in Biomedical Polymers Symposium, 8 - 11 July 2015
- X. **Graphene nanosheet poly acrylonitrile co ethyl methacrylate copolymer film preparation and antibacterial performance**
ENDOĞAN TANIR T., VARGÜN E., HASIRCI N.
11th Nanoscience and Nanotechnology Conference (NanoTR-11), Turkey, 22 - 25 June 2015
- XI. **Chitosan PLGA nanofibers prepared by electrospinning for tissue engineering applications**
ENDOĞAN TANIR T., HASIRCI V. N. , HASIRCI N.
Termis-EU, 17 - 20 June 2013
- XII. **Doğal polimer temelli kompozit filmlerin sert doku mühendisliğine yönelik hazırlanması ve karakterizasyonu**
IŞIKLI C., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N. , HASIRCI N.
BİYOMUT 2010 - 15. Biyomedikal Mühendisliği Ulusal Toplantısı, Antalya, Turkey, 21 - 24 April 2010
- XIII. **Chitosan Gelatin Scaffolds Prepared For Hard Tissue Engineering Approaches**
IŞIKLI C., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N. , HASIRCI N.
BIOMED 2009 - 15th Biomedical Science and Technology Symposium, Güzelyurt, Cyprus (Kkct), 16 - 19 August 2009
- XIV. **Chitosan Containing Acrylic Bone Cement Formulations**
ENDOĞAN TANIR T., KIZILTAY A., KÖSE G., ÇOMUNOĞLU N., BEYZADEOĞLU T., HASIRCI N.
BIOMED 2009 - 15th Biomedical Science and Technology Symposium, Güzelyurt, Cyprus (Kkct), 16 - 19 August 2009
- XV. **Preparation and investigation of biological effects of EGF containing gelatin sponges as wound healing matrices**
BİLGİÇ H., DEMİRİZ M., ÖZLER M., İDE T., DOĞAN N., GÜMÜŞ S., KIZILTAY A., ENDOĞAN TANIR T., HASIRCI N.
BIOMED 2009 - 15th Biomedical Science and Technology Symposium, Güzelyurt, Cyprus (Kkct), 16 - 19 August 2009
- XVI. **İç içe geçmiş kitosan mikron ağ yapılarından antikanser ilaç hedefleme**
ÖZERKAN T., GÜNBAŞ İ. D. , ENDOĞAN TANIR T., KIZILTAY A., GÜLCE S., GÜRHAN İ., HASIRCI N.
13. Biyomedikal Mühendisliği Ulusal Toplantısı, Ankara, Turkey, 29 - 31 May 2008
- XVII. **Akrilik kemik çimentosu formülasyonlarında etkin parametreler**
ENDOĞAN TANIR T., KIZILTAY A., HASIRCI N.
13. Biyomedikal Mühendisliği Ulusal Toplantısı, Ankara, Turkey, 29 - 31 May 2008
- XVIII. **Production of PDLA and PLGA scaffolds by microfabrication and electrospinning techniques**
Carletti E., ENDOĞAN TANIR T., Motta A., Maniglio D., HASIRCI V. N. , Hasirci N., Migliaresi C.
Annual Tissue-Engineering-and-Regenerative-Medicine-International-Society-European-Chapter Meeting, Oporto, Portugal, 22 - 26 June 2008, vol.14, pp.771
- XIX. **Oxygen Plasma Modified Acrylic Bone Cements**
ENDOĞAN TANIR T., KIZILTAY A., HASIRCI N.
13th Biomedical Science & Technology Symposium - BIOMED 2007, İstanbul, Turkey, 26 - 28 August 2007
- XX. **Akrilik kemik çimentosu formülasyonlarının hazırlanması ve karakterizasyonu**
KIZILTAY A., ENDOĞAN TANIR T., HASIRCI N.
I. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Ankara, Turkey, 21 - 23 June 2006

Citations

Total Citations (WOS):435

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