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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

Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kimya (YI) (Tezli), Turkey 2003 - 2005

Under Graduate, 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

Post Graduate, 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, 2010 - Continues

Advising Theses

ENDOĞAN TANIR T., Wet spun PCL scaffolds for tissue engineering, Post Graduate, E.MALIKMAMMADOV(Student), 2017

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

● **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)

● **Synthesis and characterization of polycaprolactone-based segmented polyurethanes**

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TURKISH JOURNAL OF CHEMISTRY, vol.43, pp.452-463, 2019 (Journal Indexed in SCI)

● **PCL-TCP wet spun scaffolds carrying antibiotic-loaded microspheres for bone tissue engineering**

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

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● **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)

● **Preparation and Characterization of Chitosan and PLGA-Based Scaffolds for Tissue Engineering Applications**

ENDOĞAN TANIR T., Hasirci V., Hasirci N.

POLYMER COMPOSITES, vol.36, pp.1917-1930, 2015 (Journal Indexed in SCI)

● **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, pp.2999-3016, 2014 (Journal Indexed in SCI)

● **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, 2014 (Journal Indexed in SCI)

● **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, pp.840-848, 2013 (Journal Indexed in SCI)

● **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.

JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING, vol.3, pp.205-211, 2013 (Journal Indexed in SCI)

● **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, pp.236-243, 2012 (Journal Indexed in SCI)

● **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, pp.295-312, 2012 (Journal Indexed in SCI)

● **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, pp.569-577, 2011 (Journal Indexed in SCI)

● **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, pp.905-916, 2010 (Journal Indexed in SCI)

● **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)

● **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, pp.4077-4084, 2009 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

● **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

Citations

Total Citations (WOS):247

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