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Publons / Web Of Science ResearcherID: AAP-7222-2020

ScopusID: 54913079100

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Education Information

- I. Post Doctorate, Tobb University Of Economics And Technology, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2017 - 2019
- II. Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Bioengineering, Turkey 2011 - 2016
- III. Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Chemistry, Turkey 2009 - 2011
- IV. Undergraduate, Zonguldak Bülent Ecevit University, Faculty Of Arts And Sciences, Turkey 2004 - 2009

Foreign Languages

- I. English, B2 Upper Intermediate

Certificates, Courses and Trainings

- I. Entrepreneurship, Girişimcilik Eğitimi, Ministry of science, industry and technology, 2014
- II. Quality Management, TS EN ISO9001:2008 KYS İç Denetçilik/Tetkik Eğitimi , Yıldız Teknik Üniversitesi, 2012
- III. Quality Management, TS EN ISO 9001:2008 Kalite Yönetim Sistemi, Yıldız Teknik Üniversitesi, 2012
- IV. Quality Management, İyi Üretim Uygulamaları (GMP), Kimyagerler Derneği, 2009
- V. Vocational Training, Gıda İşletmelerinde Sorumlu Müdürlük , Kimyagerler Derneği, 2009

Dissertations

- I. Doctorate, Production of Novel Dental Restorative Materials by Biomimetic Technique , Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Bioengineering, 2016
- II. Postgraduate, Synthesis of Hydroxyapatite Powders Using Simulated Body Fluids, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Chemistry, 2011

Research Areas

Material science and engineering

Academic Titles / Tasks

- I. Lecturer PhD, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2020 - Continues
- II. Expert, Yildiz Technical University, Rectorate, Bilim ve Teknoloji Uygulama ve Araştırma Merkezi, 2012 - 2013

Academic and Administrative Experience

- I. Erasmus Coordinator, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2020 - Continues
- II. Rektörlük Kalite Komisyonu Üyesi, Yildiz Technical University, Rectorate, Rectorate, 2012 - 2013
- III. Birim Kalite Komisyonu Üyesi, Yildiz Technical University, Rectorate, Rectorate, 2012 - 2013

Courses

- I. Standardization and Conformity, Undergraduate, 2022 - 2023, 2021 - 2022
- II. Graduation Project, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
- III. Quality Management, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
- IV. Biyomimetik ve Nanobiyoteknoloji, Postgraduate, 2022 - 2023, 2021 - 2022
- V. Kalite Yönetimi, Undergraduate, 2022 - 2023, 2021 - 2022
- VI. Standardizasyon ve Uygunluk, Undergraduate, 2022 - 2023, 2020 - 2021
- VII. Graduation Project, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
- VIII. Physicochemistry, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
- IX. Entrepreneurship and Project Management, Undergraduate, 2022 - 2023
- X. Design Applications in Material Technologies, Undergraduate, 2022 - 2023
- XI. Malzeme Teknolojilerinde Tasarım Uygulamaları , Undergraduate, 2022 - 2023, 2020 - 2021
- XII. Hydrometallurgy, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
- XIII. Functional Materials, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
- XIV. Biyoseramiklerin Sentezi, Postgraduate, 2019 - 2020, 2018 - 2019
- XV. İleri Biyomedikal Malzemeler, Postgraduate, 2019 - 2020

Advising Theses

- I. Hazar A. B., Aydınoğlu A., Farklı Modifikasyon Ajanları İle Yüzey İşlemi Uygulanmış Selüloz Nano Kristal (SNK) Yapıların Dental Kompozitlerin Mekanik Özelliklere Etkisinin İncelenmesi, Postgraduate, M.YAVUZ(Student), 2023
- II. Aydınoğlu A., Hazar A. B., Restoratif dental kompozitler için hidroksiapatit esaslı nanoçiçek morfolojili destekleyici faz üretimi ve karakterizasyonu, Postgraduate, K.SAĞIR(Student), 2021

Designed Lessons

- I. Aydınoğlu A., Additive Manufacturing Technologies, Undergraduate, 2023 - 2024
- II. Aydınoğlu A., Tıbbi Cihaz Yasal Düzenlemeleri ve Süreçler, Undergraduate, 2023 - 2024

- I. **Nanoflower hydroxyapatite's effect on the properties of resin-based dental composite**
Sagir K., Aydinoglu A., Yoruc A. B. H.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.141, no.e55347, pp.1-16, 2024 (SCI-Expanded)
- II. **A comparison of the effects of incremental and snowplow techniques on the mechanical properties of composite restorations**
Ölçer Us Y., AYDINOĞLU A., ERŞAHAN EROĞLU Ş., ERDEM HEPŞENOĞLU Y., Sağır K., Üşümez A.
Australian Dental Journal, vol.69, no.1, pp.40-48, 2024 (SCI-Expanded)
- III. **Effect of different drying techniques on silaning efficiency**
Ozturk B., Yavuz M., Aydinoglu A., Guven O., Hazar A. B. Y.
CERAMICS INTERNATIONAL, vol.1, pp.5573-5581, 2023 (SCI-Expanded)
- IV. **Evaluation of different remineralization agents in the treatment of natural caries-affected dentin in permanent teeth**
Ece Y. T., Ak A., Betül K., Abh Y.
BIO-MEDICAL MATERIALS AND ENGINEERING, vol.34, no.1, pp.1-10, 2022 (SCI-Expanded)
- V. **Development of Biomimetic Hydroxyapatite Containing Dental Restorative Composites**
AYDINOĞLU A., Turkcan J. H., Kelesoglu E., HAZAR A. B.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.47, no.5, pp.6667-6678, 2022 (SCI-Expanded)
- VI. **Effects of binder and compression strength on molding parameters of dental ceramic blocks**
Uz M. M., Aydinoglu A. K., HAZAR A. B.
CERAMICS INTERNATIONAL, vol.46, no.8, pp.10186-10193, 2020 (SCI-Expanded)
- VII. **Effects of silane-modified fillers on properties of dental composite resin**
Aydinoğlu A., Yoruç A. B.
Materials Science and Engineering C, vol.79, pp.382-389, 2017 (SCI-Expanded)
- VIII. **The precursors effects on biomimetic hydroxyapatite ceramic powders**
Yoruc A. B., Aydinoglu A.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.75, pp.934-946, 2017 (SCI-Expanded)
- IX. **Synthesis of Hydroxyapatite/Collagen (HA/COL) Composite Powder Using a Novel Precipitation Technique**
Yoruc A. B., Aydinoglu A. K.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1264-1267, 2015 (SCI-Expanded)
- X. **Effect of Different Phosphorus Precursors on Biomimetic Hydroxyapatite Powder Properties**
Karakas A., Yoruc A. B., Gokce H., Karabulut A., Erdogan D.
ACTA PHYSICA POLONICA A, vol.123, no.2, pp.418-420, 2013 (SCI-Expanded)
- XI. **Effect of Precipitation Method on Properties of Hydroxyapatite Powders**
Yoruc A. B., Karakas Aydinoglu A., Ayas E., Koyun A.
ACTA PHYSICA POLONICA A, vol.123, pp.371-373, 2013 (SCI-Expanded)
- XII. **Comparison of Properties of Hydroxyapatite Powders Synthesized by Chemical and Biomimetic Techniques**
Hazar Yoruç A. B., Karakaş Aydinoglu A., Koyun A., Yildiz T.
ACTA PHYSICA POLONICA A, vol.121, pp.233-235, 2012 (SCI-Expanded)
- XIII. **Effect of Different Calcium Precursors on Biomimetic Hydroxyapatite Powder Properties**
Karakas Aydinoglu A., Yoruc A. B., Erdogan D., Doğan M.
ACTA PHYSICA POLONICA A, vol.121, no.1, pp.236-239, 2012 (SCI-Expanded)

- I. **The effect of photoactivated Riboflavin on primary dentin remineralization: a pilot study**
Muratoglu B., Aydinoglu A., Yoruc A. B., Kargul B.
Journal of research in pharmacy (online), vol.27, no.3, pp.1015-1020, 2023 (Scopus)
- II. **Influence of Different Irrigation Solutions on the Push-Out Bond Strength of Fiber Posts to Root Dentin and Root Canal Dentin Microhardness: Methodological Study**
Erdem Hepşenoğlu Y., Erşahan Eroğlu Ş., Yılmaz B., Aydınoglu A., Sağır K., Hazar A. B.
Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, vol.29, no.1, pp.83-91, 2023 (Peer-Reviewed Journal)
- III. **The Effect of Repolishing on the Surface Roughness and Color Stability of Air-Abraded Resin Composites**
Altaş N., Aydınoglu A., Gözetici B., Keleşoğlu E., Sağır K.
International Dental Research, vol.12, no.3, pp.1-6, 2022 (Peer-Reviewed Journal)
- IV. **Synthesis of Yttria-Stabilized Zirconia (YSZ) Ceramic Powder Using Modified Sol-Gel Method**
Aydınoglu A., Hazar A. B.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.19, no.3, pp.871-875, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **25-Regulations and standards for polymers in medicine**
Aydınoglu A., Uğurlu Yinsel D., Hazar A. B.
in: Handbook of Polymers in Medicine, Masoud Mozafari, Narendra Pal Singh Chauhan, Editor, Woodhead Publishing Limited , Chennai, pp.703-733, 2023
- II. **8-Polyurethane as biomaterials for biomedical applications**
Yavuz M., Aydınoglu A., Güner M. B., Hazar A. B.
in: Handbook of Polymers in Medicine, Masoud Mozafari, Narendra Pal Singh Chauhan, Editor, Woodhead Publishing Limited , Chennai, pp.243-262, 2023
- III. **20 - Emerging polymers in dentistry**
Öztürk B., Aydınoglu A., Hazar A. B.
in: Handbook of Polymers in Medicine, Masoud Mozafari, Narendra Pal Singh Chauhan, Editor, Woodhead Publishing Limited , Chennai, pp.527-573, 2023
- IV. **Tissue Engineering, Cardiac: Biomaterials, Stem Cells, and Biomolecules**
Türkoğlu N., Kızılbaş K., Aydınoglu A.
in: , Munmaya Mishra, Editor, Taylor & Francis Group, London, pp.1-25, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Süt Dişlerinde Dentin Çürüğü Tedavisinde Farklı Remineralizasyon Ajanlarının Etkisi**
Yılmazkasapoglu E., AYDINOĞLU A., HAZAR A. B., KARGÜL B.
Türk Pedodonti Derneği 27. Bilimsel Kongresi, 07-10 Ekim 2021, Girne, Cyprus (Kktc), 7 - 10 October 2021
- II. **INVESTIGATION OF THE EFFECTS OF PRODUCTION METHODS ON HYDROXYAPATITE MORPHOLOGY AND ON THE MECHANICAL PROPERTIES OF DENTAL COMPOSITES**
Sağır K., Aydınoglu A., Hazar A. B.
MAS 14th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES, Budapest, Hungary, 26 - 28 March 2021, pp.44-49
- III. **Effect Of Colorants On The Photo-Curing Characteristics of 3D Printing Resins**
İlkakın R., Aydınoglu A., Hazar A. B.
9.Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, İstanbul, Turkey, 18 - 20 December 2020
- IV. **RİBOFLAVİN'İN DENTİN YÜZEY MİKROSERTLİĞİNE ETKİSİ**

Muratoğlu B., KARGÜL B., HAZAR A. B., AYDINOĞLU A.

5. Uluslararası Tıp ve Sağlık Bilimleri Araştırmaları Kongresi UTSAK), Turkey, 12 - 13 December 2020

- V. **Investigation of Mechanical and Physical Properties of Resin-Based Composite and Short Fiber Resin Composites Used Together in Dental Restorations**
SAĞIR K., ÖLÇER US Y., AYDINOĞLU A., HAZAR A. B.
10. UMTEB INTERNATIONAL CONGRESS ON VOCATIONAL and TECHNICAL SCIENCE, Online, Azerbaijan, 16 - 18 October 2020, pp.80
- VI. **The Effects of Different Drying Methods on The Silica Nanoparticles**
ÖZTÜRK B., AYDINOĞLU A., HAZAR A. B.
Fifth International Mediterranean Congress on Natural Sciences, Health Sciences and Engineering (MENSEC V), Budapest, Hungary, 10 September 2019, pp.191
- VII. **Investigating The Effect of Toggling on The Pullout Strength of Pedicle Screws**
Kul S., Uslan Y., AYDINOĞLU A., ERBAY ELİBOL F. K., DEMİR T.
ESB2019, Austria, 7 - 10 July 2019
- VIII. **Effects of Reinforcing Phase Systems Modified by Binding Agents on Properties of Dental Restorative Materials**
HAZAR A. B., AYDINOĞLU A.
TechConnect World Inovation, United States Of America, 22 - 25 May 2016
- IX. **Bağlayıcı Ajanlar ile Modifiye Edilmiş Destekleyici Faz Sistemlerinin Dental Restoratif Malzemelerin Özellikleri Üzerindeki Etkisi**
AYDINOĞLU A., HAZAR A. B.
KOMPEGE, Turkey, 5 - 07 November 2015
- X. **SYNTHESIS OF YTTRIA-STABILIZED ZIRCONIA (YSZ) CERAMIC POWDER**
Üstün N., AYDINOĞLU A., HAZAR A. B.
APMAS2014, Turkey, 24 - 27 April 2014
- XI. **SYNTHESIS OF HYDROXYAPATITE/COLLAG EN (HA/COL) COMPOSITE POWDER**
HAZAR A. B., AYDINOĞLU A.
APMAS2014, Turkey, 24 April 2014
- XII. **Sentetik Vücut Sıvılarında Hidroksiapatit Sentezi**
AYDINOĞLU A., HAZAR A. B., DOĞAN M.
Biyomut2012, Turkey, 3 - 05 October 2012
- XIII. **Effect of different phosphorus precursors on biomimetic hydroxyapatite powder properties**
HAZAR A. B., AYDINOĞLU A., GÖKÇE H., BÜYÜKPINAR Ç., KARABULUT A.
APMAS2012, Turkey, 24 - 29 June 2012
- XIV. **A COMPARISON OF TWO PRODUCTION METHODS OF WOOD POLYMER COMPOSITES**
KOYUN A., HAZAR A. B., AYDINOĞLU A., ÖZEROL E., CEYLAN ERDOĞAN D.
International Congress of Chemical Engineering, Spain, 24 June 2012
- XV. **Comparison of HA-Based Coatings on Cp-Ti Implants by Biomimetic Method**
HAZAR A. B., AYDINOĞLU A., KARABULUT A., ELKOCA O., GÖKÇE H.
International Congress of Chemical Engineering, Spain, 24 June 2012
- XVI. **CHARACTERIZATION OF HA/CNT COMPOSITES SYNTHESIZED BY USING BIOMIMETIC METHOD FOR MEDICAL APPLICATIONS**
AYDINOĞLU A., HAZAR A. B., ELKOCA O., KARABULUT A.
International Congress of Chemical Engineering, Spain, 24 June 2012
- XVII. **Comparison of Properties of Hydroxyapatite Powders Synthesized by Chemical and Biomimetic Techniques**
Aydinoğlu A., Hazar A. B., Koyun A., Ceylan Erdoğan D.
APMAS, Antalya, Turkey, 26 - 29 April 2012, pp.85
- XVIII. **Comparison of mechanical properties of HA- based powders synthesized by using chemical and biomimetic methods**
AYDINOĞLU A., HAZAR A. B., KOYUN A., CEYLAN ERDOĞAN D.

APMAS2012, Turkey, 26 - 29 April 2012

XIX. Hydroxyapatite coating on Cp-Ti implants by biomimetic method

ELKOCA O., Yoruc A. B., KARAKAS A., Koyun A.

14th International Conference on Advances in Materials and Processing Technologies, AMPT 2011, İstanbul, Turkey, 13 - 16 July 2011, vol.445, pp.679-684

XX. Yttria-Doped Zirconia-Hydroxyapatite Composite Coating on Cp-Ti Implants by Biomimetic Method

Karakas A., Yoruc A. B., Erdogan D., Elkoca O.

14th International Conference on Advances in Materials and Processing Technologies (AMPT), İstanbul, Turkey, 13 - 16 July 2011, vol.445, pp.691-692

XXI. Zirconia-Hydroxyapatite Composite Coating on Cp-Ti Implants by Biomimetic Method

Yoruc A. B., Karakas A., Elkoca O., Ipek Y. K.

14th International Conference on Advances in Materials and Processing Technologies (AMPT), İstanbul, Turkey, 13 - 16 July 2011, vol.445, pp.685-686

XXII. Farklı Başlangıç Maddeleri Kullanılarak Kimyasal ve Biyomimetik Yöntemlerle Sentezlenmiş Hidroksiapatit Tozlarının Özelliklerinin İncelenmesi

DOĞAN M., AYDINOĞLU A., İPEK Y., YILDIZ T., KOYUN A., UZUNSOY D., HAZAR A. B.

25. Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011

XXIII. Effect of Different Calcium Precursors on Biomimetic Hydroxyapatite Properties

AYDINOĞLU A., CEYLAN ERDOĞAN D., DOĞAN M., HAZAR A. B.

APMAS2011, Turkey, 12 May - 17 June 2011

XXIV. HA/Kollajen/Nanotüp Katkılı Dental Kompozitlerin Üretimi

HAZAR A. B., ŞENER B. C., UZUNSOY D., AYDINOĞLU A., Benlioğlu S., BÜYÜKPINAR Ç.

Fikirler Pazarı, Turkey, 24 - 25 May 2011

XXV. SYNTHESIS AND CHARACTERIZATION OF HYDROXYAPATITE/ZIRCONIA (HA_ZrO₂) CERAMIC COMPOSITE POWDER

AYDINOĞLU A., HAZAR A. B.

APMAS2014, Turkey, 24 April 2014 - 27 April 2011

Supported Projects

- I. AYDINOĞLU A., KELEŞOĞLU E., SAĞIR K., HAZAR A. B., TAŞGIN B., Öztürk B., Project Supported by Higher Education Institutions, 3 Boyutlu Yazıcı Reçinelerinin Foto-Kürleme Özellikleri Üzerine Renklendiricilerin Etkisi, 2021 - 2024
- II. Aydınoğlu A., Technopark, Uçucu organik bileşiklerin düşük konsantrasyonlarda tespiti için yeni metod geliştirilmesi, 2022 - 2023
- III. Aydınoğlu A., Technopark, Tıbbi Cihaz Yönetmeliği (MDR3) Sürecinde Firmaların Tıbbi Cihazlarına Yönelik Standartların ve Uygulama Metodlarının Belirlenmesi, 2021 - 2022
- IV. AYDINOĞLU A., HAZAR A. B., SAĞIR K., Project Supported by Higher Education Institutions, Nanoçiçek Yapılı Hidroksiapatit ve Flor İçeren Antibakteriyel Ajanların Geliştirilmesi ve Dental Kompozitler Üzerindeki Etkisinin İncelenmesi, 2020 - 2022
- V. Aydınoğlu A., Technopark, Tıbbi Cihaz Yönetmeliği (MDR2) Sürecinde Firmaların Tıbbi Cihazlarına Yönelik Standartların ve Uygulama Metodlarının Belirlenmesi, 2020 - 2021
- VI. Aydınoğlu A., KOSGEB, Antibakteriyel Özellikte Kemik Çimentosu Üretimi, 2020 - 2021
- VII. Hazar A. B., Aydınoğlu A., TUBITAK Project, Rejeneratif/Antibakteriyel Özellikli Kompozit Dolgu Malzemelerinin Geliştirilmesi Ve Performansının Değerlendirilmesi, 2019 - 2021
- VIII. Aydınoğlu A., Technopark, Tıbbi Cihaz Yönetmeliği (MDR) Sürecinde Firmaların Tıbbi Cihazlarına Yönelik Standartların ve Uygulama Metodlarının Belirlenmesi, 2020 - 2020
- IX. Demir T., TUBITAK Project, Çöğünme (Toggling) Yüklemesinin Pedikül Vidalarının Çekip-Çıkarma Performansına Etkisinin İncelenmesi, 2017 - 2019
- X. HAZAR A. B., AYDINOĞLU A., Project Supported by Higher Education Institutions, Konservatif Diş Tedavilerinde

Kullanılan Hibrit Kompozitlerin Mekanik ve Biyolojik Özelliklerinin Geliştirilmesi, 2015 - 2017

- XI. HAZAR A. B., AYDINOĞLU A., Project Supported by Higher Education Institutions, Dental Zirkonya Blok Üretimi ve Karakterizasyonu, 2013 - 2017
- XII. HAZAR A. B., AYDINOĞLU A., Project Supported by Higher Education Institutions, BİYOMİMETİK YÖNTEMLE YENİ NESİL DENTAL RESTORATİF MALZEMELERİN ÜRETİMİ, 2014 - 2016
- XIII. Aydınöğlu A., Project Supported by Other Private Institutions, Dental Zirkonya Blokların Üretimi, 2013 - 2014
- XIV. Aydınöğlu A., Hazar A. B., Project Supported by Higher Education Institutions, Titanyum Esaslı Biyomedikal Malzemelerin Yüzeylerinin Hidroksiapatit/Karbon Nanotüp Kompozit Yapılar İle Modifikasyonu, 2010 - 2012
- XV. HAZAR A. B., AYDINOĞLU A., Project Supported by Higher Education Institutions, Titanyum Esaslı Biyomedikal Malzemelerin Yüzeylerinin Hidroksiapatit/Karbon Nanotüp Kompozit Yapılar İle Modifikasyonu, 2010 - 2012
- XVI. Aydınöğlu A., Hazar A. B., Project Supported by Higher Education Institutions, HA/ZrO2 Kompozit Seramik Tozlarının Sentezi ve HA/ZrO2 Katkılı Dental Restoratif Malzemelerinin Üretimi, 2010 - 2012
- XVII. Yoruç Hazar A. B., Karakaş Aydınöğlu A., Büyükpınar Ç., TUBITAK Project, Biyomimetik Hidroksiapatit/Kolajen/Nanotüp Katkılı Dental Kompozitlerin Üretimi, 2010 - 2012

Patent

- I. Aydınöğlu A., Hazar A. B., Toraman A., Kafatası dokularının onarımı için malzeme ve bunun üretim yöntemi, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2019/08580 , 2019
- II. Aydınöğlu A., Hazar A. B., ANTİBAKTERİYEL VE BİYOAKTİF ÖZELLİKLERİ GELİŞTİRİLMİŞ DESTEKLEYİCİ FAZLAR (FİLLERS) KULLANILARAK ANTİBAKTERİYEL VE REJENERATİF DENTAL KOMPOZİTLERİN ÜRETİMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2018/19265 , 2018
- III. Aydınöğlu A., Hazar A. B., ANTİBAKTERİYEL VE BİYOAKTİF ÖZELLİKLERİ GELİŞTİRİLMİŞ DESTEKLEYİCİ FAZLAR (FİLLERS) KULLANILARAK FARKLI ÖZELLİKLERE SAHİP DENTAL KOMPOZİTLERİN ÜRETİMİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: 2017/23110 , 2017

Scientific Refereeing

- I. ACTA METALLURGICA SINICA-ENGLISH LETTERS, SCI Journal, November 2018
- II. ACTA METALLURGICA SINICA-ENGLISH LETTERS, SCI Journal, July 2018
- III. ACTA METALLURGICA SINICA-ENGLISH LETTERS, SCI Journal, July 2018
- IV. ACTA METALLURGICA SINICA-ENGLISH LETTERS, SCI Journal, June 2018
- V. ACTA METALLURGICA SINICA-ENGLISH LETTERS, SCI Journal, February 2016
- VI. ACTA METALLURGICA SINICA-ENGLISH LETTERS, SCI Journal, March 2014
- VII. ACTA METALLURGICA SINICA, SCI Journal, May 2013

Metrics

Publication: 47
Citation (WoS): 114
Citation (Scopus): 169
H-Index (WoS): 5
H-Index (Scopus): 6

Awards

- I. Hazar A. B., Aydınöğlu A., Toraman A., Silver Medal-Material for Repairing Skull Tissues and Its Production Method,

İstanbul Uluslararası Buluş Fuarı (Isıf'20), September 2021

- II. Aydınoğlu A., 2238/ University Degree Entrepreneurship and Innovativeness Contest – General Category, Tübitak, June 2014
- III. Aydınoğlu A., 2005-2006 öğretim dönemini kapsayan onur ödülü, Zonguldak Karaelmas Üniversitesi, June 2007

Entrepreneurship Activities

- I. Limited, Chemtox Biolab, 20 March 2020, Co-Founder

Coaching Duties

Refereeing Duties

Non Academic Experience

- I. Company, Biento Biolab Laboratuvar Hizmetleri ve Ticaret Limited Şirketi, Yönetim
- II. Company, Chemtox Biolab , Laboratuvar
- III. Company, Betatech Medikal, AR-GE
- IV. University, YILDIZ TEKNİK ÜNİV.STRATEJİ GELİŞTİRME DAİRESİ BAŞKANLIĞI, Metalurji ve Malzeme Mühendisliği
- V. Company, DentemOs ArGe Sanayi Ticaret ve Limited Şirketi, Kurucu
- VI. Company, Normmed Medikal, AR-GE
- VII. University, Yıldız Teknik Üniversitesi, Sağlık, Kültür ve Spor Daire Başkanlığı