

Assoc. Prof. NERMİN DEMİRKOL

Personal Information

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Biography

7.11.1979 tarihinde İzmit'te doğdu. İlk, orta ve lise eğitimini Kocaeli'de tamamlayıp, 1997 yılında girdiği Dumlupınar Üniversitesi Seramik Mühendisliği Bölümü'nden 2001 yılında mezun oldu. 2001-2004 yılları arasında Gebze Yüksek Teknoloji Enstitüsü'nde yüksek lisans eğitimini tamamladı. 2002-2005 yılları arasında GYTE'de araştırma görevlisi olarak çalıştı. 2005 yılında Kocaeli Üniversitesi Değirmendere Ali Özbay MYO'da öğretim görevlisi olarak çalışmaya başladı. 2008-2013 yılları arasında İTÜ Metalurji ve Malzeme Mühendisliği Bölümü'nde Prof.Dr.Eyüp Sabri KAYALI danışmanlığında "Koyun Hidroksiapatit Esaslı Kompozitlerin Üretimi ve Karakterizasyonu" konulu tez ile doktora eğitimini tamamladı. 24 Mayıs 2013 tarihinde doktor ünvanını aldı. 24 Eylül 2013 tarihinde Kocaeli Üniversitesi Değirmendere Ali Özbay MYO'ya Yrd.Doç.Dr. olarak atandı. Demirkol, 2004 yılından itibaren Belçika, Almanya, Amerika, Japonya, İspanya, Fransa, İngiltere, İsveç, Romanya, Çin, Yunanistan, Birleşik Arap Emirlikleri, Macaristan'ında içinde bulunduğu birçok ülkede seramik malzemelerin üretimi ve karakterizasyonu özellikle biyoseramikler konusunda bildiri sundu ve yayınladı. SCI kapsamlı yayınları mevcuttur. 2011 yılında Kocaeli Üniversitesi tarafından SCI kapsamlı yayınları için bilimsel başarı ödülü aldı. 2014 yılında İngiltere'de bulunan Marquis Who's Who Publication Board tarafından biyografisi Dünya Başarılı Bilim İnsanları arasında yayımlandı. 2015 yılında ise İngiltere'de bulunan biyografi merkezi tarafından TOP 100 Mühendis arasında yer aldı. 2018 yılında uluslararası seramik ve seramik malzemeler alanındaki çalışmaları için by Protokol dergisi tarafından Avrupa Ödülü aldı. Türk Seramik Derneği, European Ceramic Society ECerS, Türk Elektron Mikroskopi Derneği, International Society for Ceramics in Medicine ISCM ve European Society for Biomaterials (ESB) üyesidir. Birçok uluslararası sempozyum ve kongrede organizasyon kurulu ve bilim kurulu üyeliği görevleri yaptı. Halen Kocaeli Üniversitesi Değirmendere Ali Özbay MYO'da Dr.Öğr.Üyesi olarak çalışmakta ve aynı zamanda El Sanatları Bölüm Başkanlığı ve müdür yardımcılığı görevlerini yürütmektedir

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey
2008 - 2013

Post Graduate, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği Bölümü, Turkey
2001 - 2004

Under Graduate, Dumlupınar Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey
1997 - 2001

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Koyun hidroksiapatit esaslı kompozitlerin üretimi ve karakterizasyonu, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2013

Post Graduate, Düşük kil içerikli üretilen anortit bazlı vitrifiye seramiklerinde organik bağlayıcı ilavesinin ham mukavemet üzerine etkisi, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği Bölümü, 2004

Research Areas

Metallurgical and Materials Engineering, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, 2020 - Continues

Assistant Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, 2020 - Continues

Assistant Professor, Kocaeli Üniversitesi, Değirmendere Ali Özbay Meslek Yüksekokulu, 2018 - Continues

Assistant Professor, Kocaeli University, Teknoloji Fakültesi, Biyomedikal Mühendisliği, 2013 - Continues

Assistant Professor, Kocaeli University, Değirmendere Ali Özbay Meslek Yüksekokulu, 2013 - 2020

Assistant Professor, Kocaeli Üniversitesi, Değirmendere Ali Özbay Meslek Yüksekokulu, 2013 - 2018

Assistant Professor, Duzce University, Faculty Of Engineering, Department Of Civil Engineering, 2012 - 2014

Lecturer, Kocaeli Üniversitesi, Değirmendere Ali Özbay Meslek Yüksekokulu, Teknik Programlar Bölümü, 2005 - 2013

Research Assistant, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (YI) (Tezli), 2002 - 2005

Professional Experience

Erasmus Coordinator, Kocaeli University, Değirmendere Ali Özbay Meslek Yüksekokulu, El Sanatları Bölümü, 2006 - 2020

Assistant Director of Vocational School, Kocaeli Üniversitesi, Değirmendere Ali Özbay Meslek Yüksekokulu, El Sanatları Bölümü, 2012 - 2015

Assistant Director of Vocational School, Kocaeli Üniversitesi, Değirmendere Ali Özbay Meslek Yüksekokulu, Teknik Programlar Bölümü, 2009 - 2009

Head of Department, Kocaeli Üniversitesi, Değirmendere Ali Özbay Meslek Yüksekokulu, Teknik Programlar Bölümü, 2006 - 2009

Advising Theses

Demirkol N., SERAMİK OKSİT KATKILI NANO SENTETİK HİDROKSİAPATİT KOMPOZİTLERİN ÜRETİMİ VE KARAKTERİZASYONU, Post Graduate, M.TURAN(Student), 2020

DEMİRKOL N., Investigation Of Radiation Shielding Properties For Some Ceramic Materials, Post Graduate, A.ABDULHADI(Student), 2018

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

- I. **Technological and physical properties of dry pressed red mud bodies containing chamotte**
DEMİRKOL N.
ARABIAN JOURNAL OF GEOSCIENCES, vol.12, no.9, 2019 (Journal Indexed in SCI)
- II. **Production and characterization of ceramic materials in three-dimensional printer**
EVLEN H., Caliskan A., DEMİRKOL N.

ARABIAN JOURNAL OF GEOSCIENCES, vol.11, no.16, 2018 (Journal Indexed in SCI)

- III. **Bioactivity Properties and Characterization of Commercial Synthetic Hydroxyapatite-5 wt.% Niobium (V) Oxide-5 wt.% Magnesium Oxide Composite**
DEMİR KOL N.
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.786-788, 2017 (Journal Indexed in SCI)
- IV. **Comparison of Microstructural and Mechanical Properties of Hydroxyapatite-Al₂O₃ Composites with Commercial Inert Glass (CIG) Addition**
Bulut B., DEMİR KOL N., ERKMEN Z. E., Kayali E. S.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1094-1096, 2015 (Journal Indexed in SCI)
- V. **Influence of Commercial Inert Glass Addition on the Mechanical Properties of Commercial Synthetic Hydroxyapatite**
DEMİR KOL N., OKTAR F. N., Kayali E. S.
ACTA PHYSICA POLONICA A, vol.123, no.2, pp.427-429, 2013 (Journal Indexed in SCI)
- VI. **Mechanical and Microstructural Properties of Sheep Hydroxyapatite (SHA)-Niobium Oxide Composites**
DEMİR KOL N., OKTAR F. N., Kayali E. S.
ACTA PHYSICA POLONICA A, vol.121, no.1, pp.274-276, 2012 (Journal Indexed in SCI)
- VII. **Hydroxyapatite Nano Barium Strontium Titaniumoxide Composites**
DEMİR KOL N., KAYALI E. S., YETMEZ M., OKTAR F. N., SİMEON A.
Key Engineering Materials, vol.484, pp.204-209, 2011 (Journal Indexed in SCI)
- VIII. **Mechanical properties of bovine hydroxyapatite (BHA) composites doped with SiO₂, MgO, Al₂O₃, and ZrO₂**
Oktar F. N., Agathopoulos S., Ozyegin L. S., GÜNDÜZ O., Demirkol N., BOZKURT Y., SALMAN S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol.18, no.11, pp.2137-2143, 2007 (Journal Indexed in SCI)
- IX. **A new porcelainised stoneware material based on anorthite**
Taskiran M., Demirkol N., ÇAPOĞLU A.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.25, no.4, pp.293-300, 2005 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Slip Dökümlü Üretilmiş Yunan Kırmızı Çamur Bünyelerin Sinterleme Özellikleri**
DEMİR KOL N., Samancı v.
Nevşehir Bilim ve Teknoloji Dergisi, vol.8, pp.71-77, 2019 (Other Refereed National Journals)
- II. **Comparison of mechanical and bioactivity properties of nano hydroxyapatite-magnesium oxide and nano hydroxyapatite-niobium (V) oxide biocomposites**
TURAN M., DEMİR KOL N.
Advanced Nano-Bio-Materials and Devices, vol.3, pp.521-527, 2019 (Refereed Journals of Other Institutions)
- III. **Microstructural and Mechanical Properties of Nano Hydroxyapatite-Magnesium Oxide Biocomposites**
Turan M., Demirkol N.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.19, pp.483-487, 2019 (National Refereed University Journal)
- IV. **Production and characterization of ternary sheep hydroxyapatite (SHA)-wollastonite (W)-commercial inert glass (CIG) biocomposite**
DEMİR KOL N., TURAN M.
Research on Engineering Structures Materials, vol.5, pp.167-174, 2019 (Other Refereed National Journals)
- V. **Sintering and Technological Properties of Dry Pressed Ceramic Body Containing Kastamonu Mud and Clay**
DEMİR KOL N.
Avrupa Bilim ve Teknoloji Dergisi, vol.43603, pp.499-504, 2019 (Other Refereed National Journals)

- VI. **A New Ceramic Raw Material: Kastamonu Mud**
DEMİRKOL N., YAVUZ P., YILMAZ O.
Journal of Turkish Ceramic Federation, vol.52, pp.114-119, 2017 (Other Refereed National Journals)
- VII. **Hidroksiapatit Volastonit Titanya Kompozitlerin Fiziksel ve Mekanik Özellikleri**
DEMİRKOL N.
Türkiye Seramik Federasyonu Dergisi, pp.102-109, 2016 (Other Refereed National Journals)
- VIII. **5 Uluslararası Gölcük Seramik Sempozyumu**
DEMİRKOL N.
Journal of Turkish Ceramic Federation, no.48, pp.64-66, 2015 (Other Refereed National Journals)
- IX. **Production and Characterization of Vitrified Ceramics Containing High Plasticity Clay**
MÜGE İ., DEMİRKOL N.
Journal of Turkish Ceramic Federation, pp.104-112, 2015 (Other Refereed National Journals)
- X. **Microstructural and Mechanical Properties of Zirconia Silica Hydroxyapatite Composite for Biomedical Applications**
ARABACI A., YÜKSEL N., DEMİRKOL N.
Key Engineering Materials, vol.631, pp.156-159, 2015 (Refereed Journals of Other Institutions)
- XI. **Characterization and Bioactivity of Hydroxyapatite ZrO₂ Composites with Commercial Inert Glass CIG Addition**
BERRAK B., DEMİRKOL N., ERKMEN Z. E. , KAYALI E. S.
EURO CERAMICS VIII, PTS 1-3, vol.631, pp.166-172, 2015 (Refereed Journals of Other Institutions)
- XII. **Production and Mechanical Properties of Commercial Synthetic Hydroxyapatite (CSHA) Composites**
DEMİRKOL N., OKTAR F. N. , KAYALI E. S.
EURO CERAMICS VIII, PTS 1-3, vol.587, pp.147-153, 2014 (Refereed Journals of Other Institutions)
- XIII. **Effect of Commercial Inert Glass CIG Addition on Mechanical and Microstructural Properties of vChicken Hydroxyapatite CHA**
DEMİRKOL N., ORAL A. Y. , OKTAR F. N. , KAYALI E. S.
Key Engineering Materials, vol.587, pp.33-38, 2014 (Refereed Journals of Other Institutions)
- XIV. **Influence of Niobium Oxide on the Mechanical Properties of Hydroxyapatite**
DEMİRKOL N., OKTAR F. N. , KAYALI E. S.
EURO CERAMICS VIII, PTS 1-3, vol.529, pp.29-33, 2013 (Refereed Journals of Other Institutions)
- XV. **Nano bioceramic production via mechano chemical conversion (ultrasonication)**
OKTAR F. N. , Agathopoulos S., özyeğin İ. s. , turner İ., GÜNDÜZ O., DEMİRKOL N., brück s., nissan b. b. , SAMUR R., KAYALI E. S. , et al.
Key Engineering Materials, vol.529, no.530, pp.609-614, 2013 (Refereed Journals of Other Institutions)
- XVI. **Comparison of Mechanical Properties of Sheep Hydroxyapatite (SHA) and Commercial Synthetic Hydroxyapatite (CSHA) MgO Composites**
DEMİRKOL N., OKTAR F. N. , KAYALI E. S.
KEY ENGINEERING MATERIALS, vol.493, no.494, pp.588-593, 2012 (Refereed Journals of Other Institutions)
- XVII. **Dental Porselen Bağlayıcıları ve TurkaForm**
özyeğin İ. s. , DEMİRKOL N.
Diş Teknisyenliği Dergisi, no.20, pp.46-49, 2008 (Other Refereed National Journals)

Books & Book Chapters

- I. **Koyun Hidroksiapatit Esaslı Kompozitlerin Üretimi ve Karakterizasyonu**
DEMİRKOL N.
Yalın Yayıncılık, İstanbul, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Mechanical and bioactive behaviour of hydroxyapatite-niobium (V) oxide nano composites**
TURAN M., DEMİRKOL N.
24th International Biomedical ScienceTechnology Symposium, BIOMED 2019, İzmir, Turkey, 17 - 20 October 2019
- II. **Sintering Properties of Slip Casted Greek Red Mud Bodies**
DEMİRKOL N., Samancı Peksezer V.
IMSMATEC 2019, Nevşehir, Turkey, 21 - 23 June 2019, pp.1197-1200
- III. **Sintering and Technological Properties of Greek Red Mud Bodies**
DEMİRKOL N., Samancı Peksezer V.
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (BAHAR 2019), IMASCONGRESS, Kocaeli, Turkey, 26 - 28 April 2019, pp.161
- IV. **Atık Mermer Bulamacının Artistik Sırlarda Kullanımı**
DEMİRKOL N.
1. Anadolu Uluslararası Multidisipliner Çalışmalar Kongresi, Diyarbakır, Turkey, 28 - 29 December 2018, pp.412
- V. **Seramik Oksit Katkılı Doğal ve Sentetik Hidroksiapatitlerin Üretimi ve Karakterizasyonu**
DEMİRKOL N.
23. Biyomedikal Teknolojiler ve Biyomalzeme Sempozyumu, İstanbul, Turkey, 15 - 16 December 2018, vol.1
- VI. **Production and Characterization of Hydroxyapatite Wollastonite Magnesia Biocomposite**
DEMİRKOL N.
4th International Symposium on Composite Materials (KOMPEGE2018), İzmir, Turkey, 6 - 08 September 2018, pp.161
- VII. **Strategic Approach For Industry 4.0**
BEGEÇ S., DEMİRKOL N.
4th International Symposium On Multidisciplinary Studies (ISMS), Paris, France, 26 - 27 April 2018, pp.223
- VIII. **Mechanical Properties of Ternary Sheep Hydroxyapatite (SHA)-Wollastonite-Commercial Inert Glass (CIG) Biocomposite**
TURAN M., DEMİRKOL N.
1st International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 22 - 24 March 2018, pp.482
- IX. **Fabrication and Characterization of TernaryHydroxyapatite-Wollastonite-Commercial Inert Glass Biocomposite**
DEMİRKOL N.
International Conference on Nutraceuticals-ConceptsApplications in Diseases (ICNCAD 2018), Chennai, India, 16 - 17 February 2018, pp.60
- X. **The Effects of Clay Addition on the Technological and Mechanical Properties of Kastamonu Mud**
DEMİRKOL N.
1st International Conference on Arts, ScienceTechnology, 20 - 22 December 2017, pp.62
- XI. **Linear Attenuation Coefficients of Some Ceramic Samples**
JAWAD A. A. , DEMİRKOL N., GÜNOĞLU K., AKKURT İ.
ICCESEN 2017, Antalya, Turkey, 4 - 08 October 2017
- XII. **Production and Characterization of Ceramic Materials in Three Dimensional Printer**
EVLEN H., DEMİRKOL N., Çalışkan A.
4th International Conference on Computational And Experimental Science and Engineering, ICCESEN 2017, 4 - 08 October 2017, pp.743
- XIII. **Technological and Physical Properties of Dry Pressed Red Mud Bodies Containing Chamotte**
DEMİRKOL N.
4th International Conference on Computational And Experimental Science and Engineering, ICCESEN 2017, 4 - 08 October 2017, pp.646
- XIV. **Shaping By Dry Pressing and Characterization of Kınık (Pazaryeri-Bilecik) Red Mud**
DEMİRKOL N.

International Conference on Advances in Science, ICAS 2017, 13 - 15 September 2017

- XV. **Influence of Chamotte Addition on the Physical and Mechanical Properties of Red Mud Bodies**
DEMİRKOL N., TİR E., KESKİN E.
15th ConferenceExhibition of the European Ceramic Society, 09 July 2017 - 13 July 2016
- XVI. **3D Bioprinting of a Natural Polymer-Ceramic based composite Bio-Ink for Bone Tissue Engineering Applications**
AYDIN L., DEMİRKOL N., KENAR H.
2nd International Symposium on 3D Printing Technologies (3D-PTS2017), 3 - 04 April 2017
- XVII. **The Effects of Different Clay Types on the Mechanical and Physical Properties of Vitrified Ceramic Bodies**
DEMİRKOL N.
International Conference on Advances in Science and Arts, İstanbul, Turkey, 29 - 31 March 2017
- XVIII. **Production and Mechanical Characterization of Commercial Synthetic Hydroxyapatite Niobium V Oxide Magnesium Oxide Composite**
DEMİRKOL N.
18th International Metallurgy and Materials Congress, İstanbul, Turkey, 29 September - 01 October 2016
- XIX. **Bioactivity Properties and Characterization of Commercial Synthetic Hydroxyapatite Niobium V Oxide Magnesium Oxide Composites**
DEMİRKOL N.
3rd International Conference on Computational And Experimental Science and Engineering (ICCESEN 2016), Antalya, Turkey, 19 - 24 October 2016, vol.1, pp.620
- XX. **Influence of Titania on the Bioactivity and Mechanical Properties of Hydroxyapatite Wollastonite Magnesia Composites**
DEMİRKOL N.
Sixth International Conference on Shaping of Advanced Ceramics, Montpellier, France, 18 - 20 July 2016, pp.204
- XXI. **SİNERLEME SICAKLIĞININ YÜKSEK PLASTİSİYE SAHİP KİL İÇEREN ÇİNİ BÜNYELERİN FİZİKSEL VE MEKANİK ÖZELLİKLERİ ÜZERİNDEKİ ETKİSİ**
KARADENİZ P. G. , DEMİRKOL N.
INTERNATIONAL CONFERENCE ON MATERIAL SCIENCE AND TECHNOLOGY İN CAPPADOCİA, 6 - 08 April 2016
- XXII. **SİNERLEME SICAKLIĞININ YÜKSEK PALSTİSİTEYE SAHİP KİL İÇEREN ÇİNİ BÜNYELERİN FİZİKSEL VE MEKANİK ÖZELLİKLERİ ÜZERİNDEKİ ETKİSİ**
KARADENİZ P. G. , DEMİRKOL N.
INTERNATIONAL CONFERENCE ON MATERIAL SCIENCE AND TECHNOLOGY İN CAPPADOCİA, 6 - 08 April 2016
- XXIII. **Effect of Sintering Temperature on the Physical and Mechanical Properties of Tile Bodies Containing High Plasticity Clay**
KARADENİZ P. G. , DEMİRKOL N.
IMSTEC 2016, Nevşehir, Turkey, 6 - 08 April 2016, pp.605-608
- XXIV. **Bioactivity and Mechanical Properties of Hydroxyapatite Wollastonite Titania Composites**
DEMİRKOL N.
9.Uluslararası Katılımlı Seramik Kongresi, Afyon, Turkey, 26 - 28 November 2015, pp.80
- XXV. **Hidroksiapatit Volastonit Magnezya Kompozit Biyoseramiklerin Üretimi ve Karakterizasyonu**
DEMİRKOL N.
Uluslararası Katılımlı III.Ege Kompozit Malzemeler Sempozyumu, Aydın, Turkey, 5 - 07 November 2015, vol.1, pp.246-248
- XXVI. **Production and Characterization of Vitrified Ceramics Containig High Plasticity Clay**
DEMİRKOL N., Müge İ.
14th International Conference European Ceramic Society, Toledo, Philippines, 21 - 25 June 2015
- XXVII. **Mechanical Properties and Bioactivity of Natural Hydroxyapatite Composites**
DEMİRKOL N.
EMN Biomaterials Meeting, Pekin, China, 10 - 15 April 2015, pp.14
- XXVIII. **Comparison of Microstructural and Mechanical Properties of Hydroxyapatite-ZrO2 Composites with**

Commercial Inert Glass Addition

Bulut B., DEMİRKOL N., ERKMEN Z. E. , Kayali E. S.

1st International Multidisciplinary Microscopy Congress (INTERM), Antalya, Turkey, 10 - 13 October 2013, vol.154, pp.241-246

- XXIX. **Effects of Commercial Inert Glass (CIG) Addition on Mechanical and Microstructural Properties of Chicken Hydroxyapatite (CHA)**
DEMİRKOL N., ORAL A. Y. , OKTAR F. N. , Kayali E. S.
25th Symposium and Annual Meeting of the International-Society-for-Ceramics-in-Medicine (ISCM), Bucharest, Romania, 7 - 10 November 2013, vol.587, pp.33-34
- XXX. **Microstructural, Mechanical and Chemical Properties of Commercial Synthetic Hydroxyapatite (CSHA)-Magnesium Fluoride (MgF₂) Composites**
DEMİRKOL N., YETMEZ M., KALKANDELEN C., ALKAN M., OKTAR F. N. , KAYALI E. S.
International Multidisciplinary Microscopy Congress INTERM 2013, Antalya, Turkey, 10 - 13 October 2013, pp.69
- XXXI. **Mechanical Properties and Bioactivity of Bovine Hydroxyapatite (bha)-Nano Barium Strontium Titanium Oxide (Nano BST) Composites**
DEMİRKOL N., OKTAR F. N. , KAYALI E. S.
13th Conference of the European Ceramic Society, Limoges, France, 23 - 27 June 2013, pp.292
- XXXII. **Production and Characterization of Sheep Hydroxyapatite (SHA) and Commercial Synthetic Hydroxyapatite (CSHA) Composites**
DEMİRKOL N., OKTAR F. N. , KAYALI E. S.
3rd International Advances in Applied Physics Materials Science Congress, Antalya, Turkey, 24 - 28 April 2013, pp.12
- XXXIII. **Microstructural and mechanical study of commercial synthetic hydroxyapatite (CSHA) -lantanum (III) oxide composites**
DEMİRKOL N., PAZARLIOĞLU S. S. , SALMAN S., KAYALI E. S. , OKTAR F. N.
APMAS 2012, Antalya, Turkey, 26 - 29 April 2012, pp.298
- XXXIV. **Rheological and Mechanical Properties of Vitriified Ceramics Containing High Plasticity**
ipek M., DEMİRKOL N.
3rd International Advances in Applied Physics Materials Science Congress, Antalya, Turkey, 24 - 28 April 2013, pp.384
- XXXV. **Sheep hydroxyapatite (SHA)-commercial inert glass (CIG) composites**
DEMİRKOL N., OKTAR F. N. , KAYALI E. S.
TMS 2012 141st Annual MeetingExhibition, Florida, United States Of America, 11 - 15 March 2012, pp.150
- XXXVI. **Microstructure and Mechanical Properties of Sheep Hydroxyapatite (SHA) Composites**
DEMİRKOL N., OKTAR F. N. , KAYALI E. S.
12th Conference of the European Ceramic Society, ECerS 2011, Stockholm, Sweden, 19 - 23 June 2011
- XXXVII. **Mechanical and Microstructural Properties of Sheep Hydroxyapatite (SHA) -Niobium Oxide Composites**
DEMİRKOL N., OKTAR F. N. , KAYALI E. S.
Applied Physics and Materials Science International Congress, Antalya, Turkey, 12 - 15 May 2011, vol.2, pp.515
- XXXVIII. **Mechanical Properties of Hydroxyapatite-Tantalum Composites**
YETMEZ M., DEMİRKOL N., OKTAR F. N. , GÜNDÜZ O., KAYALI E. S. , Agathopoulos S.
XXXVII Annual ESAO Congress, ÜSKÜP, Macedonia, 8 - 11 September 2010, vol.33, pp.467
- XXXIX. **A New Safe Method to produce bioceramic nano-powders from nacre venus verrucosa**
OKTAR F. N. , Tüyel U., DEMİRKOL N., GÜNDÜZ O., SAMUR R., kannan s.
XXXVII. Annual ESAO Congress, Üsküp, Macedonia, 8 - 11 September 2010, vol.33, pp.467
- XL. **Mechanical Properties of Bovine Enamel Derived Hydroxyapatite**
DEMİRKOL N., YETMEZ M., Karacayli U., KAYALI E. S. , GÜNDÜZ O., Agathopoulos S., OKTAR F. N.
XXXVII Annual ESAO Congress, Üsküp, Macedonia, 8 - 11 September 2010, vol.33, pp.468
- XLI. **A New Source for Natural Ceramics Chicken Bone Hydroxyapatite CHA**
Karacayli U., OKTAR F. N. , DEMİRKOL N., özyeğin I. s. , GÜNDÜZ O., Agathopoulos S.

4 th National Conference of the Hellenic Society of Biomechanics Abstract Book, Ioannina, Greece, 4 - 06 June 2010

XLII. Rheological and Green Strength Behaviour of Low clay Translucent Whiteware Slurries with an Acrylic Type Emulsion Binder Addition

DEMİR KOL N., ÇAPOĞLU A.

10th European Ceramic Congress and Exhibition, Berlin, Germany, 17 - 21 June 2017, pp.434

XLIII. Effect of using organic binders on the green strength behaviour of low-clay containing whiteware

DEMİR KOL N., ÇAPOĞLU A.

Fourth International Conference on Inorganic Materials, Antwerp, Belgium, 19 - 21 September 2004, pp.223

XLIV. Effect of milling quartz prior to adding in to anorthite based porcelainised stoneware on strength

DEMİR KOL N., Taşkıran U., ÇAPOĞLU A.

Fourth International Conference on Inorganic Materials, Antwerp, Belgium, 19 - 21 September 2004, pp.349

Supported Projects

DEMİR KOL N., Project Supported by Higher Education Institutions, SERAMİK OKSİT KATKILI NANO SENTETİK HİDROKSİAPATİT KOMPOZİTLERİN ÜRETİMİ VE KARAKTERİZASYONU, 2018 - 2020

DEMİR KOL N., Project Supported by Higher Education Institutions, 7.ULUSLARARASI GÖLCÜK SERAMİK SEMPOZYUMU, 2017 - 2017

DEMİR KOL N., Project Supported by Higher Education Institutions, VI.ULUSLARARASI GÖLCÜK SERAMİK SEMPOZYUMU, 2016 - 2017

DEMİR KOL N., Project Supported by Higher Education Institutions, 5.Uluslararası Gölcük Seramik Sempozyumu, 2015 - 2016

DEMİR KOL N., Project Supported by Higher Education Institutions, 4. ULUSLARARASI GÖLCÜK SERAMİK SEMPOZYUMU, 2014 - 2015

DEMİR KOL N., Project Supported by Higher Education Institutions, 4. Uluslararası Gölcük Seramik Sempozyumu, 2014 - 2014

Contractual Researches

Demirkol N., AR-GE PROJE SÖZLEŞMESİ, Alev Dayanımlı Çevre Dostu Yeni Nesil Porselen Geliştirilmesi, 2020 - 2021

Activities in Scientific Journals

Advanced Nano-Bio-Materials and Devices, Editor, 2018 - Continues

Advisory Committee Member, 2018 - 2019

Memberships / Tasks in Scientific Organizations

Biyomalzeme ve Doku Mühendisliği Derneği, Member, 2014 - Continues

Türk Elektronik Mikroskopisi Derneği, Member, 2013 - Continues

Türk Seramik Derneği, Member, 2005 - Continues

European Ceramic Society, Member, 2005 - Continues

Scientific Refereeing

4th International Symposium on Composite Materials Proceeding Book, Other journals, May 2018

Edit Congress and Symposium Activities

23. Biyomedikal Bilim ve Teknoloji Sempozyumu, Attendee, İstanbul, Turkey, 2018
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, Invited Speaker, İstanbul, Turkey, 2018
1. Uluslararası Anadolu Multidisipliner Çalışmalar Sempozyumu, Session Moderator, Diyarbakır, Turkey, 2018
- 2nd International Symposium on 3D Printing Technologies, Attendee, İstanbul, Turkey, 2017
- 15th Conference&Exhibition of The European Ceramic Society, ECerS 2017, Attendee, Budapest, Hungary, 2017
- 1st International Conference on Advances in Science and Arts, Attendee, İstanbul, Turkey, 2017
- International Conference on Advances in Science, ICAS 2017, Attendee, İstanbul, Turkey, 2017
- 4th International Conference on Computational and Experimental Science and Engineering, ICCESN 2017, Session Moderator, Antalya, Turkey, 2017
- 4th International Conference on Computational and Experimental Science and Engineering, ICCESN 2017,, Attendee, Antalya, Turkey, 2017
- 18th International Metallurgy and Materials Congress, Attendee, İstanbul, Turkey, 2016
- 6th International Conference on Shaping of Advanced Ceramics, Attendee, Montpellier, France, 2016
- Doku Mühendisliğinde Biyobasım: Polimerik Malzemeler, Biyoseramik Kompozitler, Doku Özdeşleri Çalıştayı, Attendee, Kocaeli, Turkey, 2016
- International Conference on Material Science and Technology, IMSTEC 2016, Session Moderator, Nevşehir, Turkey, 2016
- International Conference on Material Science and Technology, IMSTEC 2016, Attendee, Nevşehir, Turkey, 2016
- ICCESN, International Conference on Computational and Experimental Science and Engineering, Attendee, Antalya, Turkey, 2016
- ICCESN, International Conference on Computational and Experimental Science and Engineering, Session Moderator, Antalya, Turkey, 2016
- 3.Ege Kompozit Malzemeler Sempozyumu, Session Moderator, Aydın, Turkey, 2015
- EMN Biomaterials Meeting, Invited Speaker, Beijing, China, 2015
- EMN Biomaterials Meeting, Attendee, Beijing, China, 2015
- 3.Ege Kompozit Malzemeler Sempozyumu, Attendee, Muğla, Turkey, 2015
- ECerS 2015, 14th International Conference European Ceramic Society, Attendee, Toledo, Spain, 2015
- Bioceramics 25, 25th Symposium and Annual Meeting of the International Society for Ceramics in Medicine, Attendee, Bucuresti, Romania, 2013
- InterM 2013, International Multidisciplinary Microscopy Congress, Attendee, Antalya, Turkey, 2013
- ECerS 2013, 13th International Conference of the European Ceramic Society, Attendee, Limoges, France, 2013
- APMAS 2013, 3rd International Advances in Applied Physics & Materials Science Congress, Attendee, Antalya, Turkey, 2013
- APMAS 2013, 3rd International Advances in Applied Physics & Materials Science Congress, Session Moderator, Antalya, Turkey, 2013
- Bioceramics 24, 24th Symposium and Annual Meeting of International Society for Ceramics in Medicine (ISCM), Attendee, Fukuoka, Japan, 2012
- APMAS 2012, Advances in Applied Physics&Materials Science Congress, Attendee, Antalya, Turkey, 2012
- "exCHange for a challenge" in higher education for restoration, conservation and risk management of works of art, Attendee, Kocaeli, Turkey, 2012
- The Minerals, Metals&Materials Society 141st Annual Meeting&Exhibition, Attendee, Florida, United States Of America, 2012
- Bioceramics 23, 23rd Symposium and Annual Meeting of International Society for Ceramics in Medicine, Attendee, İstanbul, Turkey, 2011
- DNA.italia European Brokerage Event Cultural Heritage Technologies, Attendee, Turin, Italy, 2011
- 12th Conference of the European Ceramic Society, ECerS 2011, Attendee, Stockholm, Sweden, 2011
- Advances in Applied Physics and Materials Science Congress, APMAS 2011, Attendee, Antalya, Turkey, 2011
- 4th National Conference of the Hellenic Society of Biomechanics, Attendee, Ioannina, Greece, 2010
- European Society for Artificial Organs,XXXVII. Congress,, Attendee, Skopje, Macedonia, 2010
- CC3- 3rd International Congress on Ceramics, Attendee, Osaka, Japan, 2010

European Congress and Exhibition on Advanced Materials and Processes, EUROMAT 2009, Attendee, Glasgow, Scotland, 2009
10th International Conference and Exhibition of the European Ceramic Society, Attendee, Berlin, Germany, 2007
Fourth International Conference on Inorganic Materials, Attendee, Antwerp, Belgium, 2004
8th International Conference and Exhibition of European Ceramic Society, Attendee, İstanbul, Turkey, 2003

Citations

Total Citations (WOS):129
h-index (WOS):4

Awards

Demirkol N., Best Paper Award, Advanced Nnao-Bio-Materials And Devices Anbmd (Issn 2559-1118) Dergisi, February 2020
DEMİR KOL N., BY Medya Protokol Dergisi Avrupa Ödülleri 2018, BY Protokol Dergisi, October 2018
DEMİR KOL N., Bilimsel Başarı Ödülü, Kocaeli Üniversitesi, April 2011