

Prof. Figen KAYA

Personal Information

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Education Information

Doctorate, The University Of Birmingham, Faculty Of Engineering, School Of Metallurgy And Materials, Turkey Continues
The University Of Birmingham, Faculty Of Engineering, School Of Metallurgy And Msterials, Turkey Continues
Under Graduate, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey Continues

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Quality Management, ISO 9001 Kalite Yönetim Sistemi Denetçisi,, YTÜ, 2012, 2012
Education Management and Planning, Yüksek Öğretimde Eğitici Eğitimi, Bülent Ecevit Üniversitesi, 2009
Other, UNIDO Technology Foresight for Organizers, UNIDO-TUBITAK-SANAYİ BAKANLIĞI, 2008
Other, Acoustic Emission Testing, Physical Acoustic Corporation, 1998

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Composites, Nanomaterials, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Metalurji Ve Malzeme Mühendisliği, 2013 - Continues
Associate Professor, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Metalurji Ve Malzeme Mühendisliği, 2011 - 2013
Associate Professor, Bülent Ecevit Üniversitesi, Mühendislik, Metalurji Mühendisliği, 2008 - 2011
Assistant Professor, Bülent Ecevit Üniversitesi, Mühendislik, Metalurji Mühendisliği, 2004 - 2008
Research Assistant PhD, Bülent Ecevit Üniversitesi, Mühendislik, Metalurji Mühendisliği, 2004 - 2004
Research Assistant PhD, University Of London-Queen Mary And Westfield College, Mühendislik, Metalurji Ve Malzeme Mühendisliği, 2002 - 2004
Research Assistant, The University Of Birmingham, Mühendislik, Metalurji Ve Malzeme Mühendisliği, 1996 - 2002
Research Assistant, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Metalurji Mühendisliği, 1994 - 1995

Professional Experience

Erasmus Coordinator, Bülent Ecevit Üniversitesi, Uluslararası İlişkiler Birimi, 2004 - 2011

Advising Theses

- KAYA F., ÇİNKO OKSİT (ZnO) ve TİTANYUM DİOKSİT (TiO₂) NANOTÜPLERİN HAVA FİLTREASYONUNDA TEMİZLEYİCİ NANOMALZEME OLARAK KULLANILMASININ ARAŞTIRILMASI, Post Graduate, M.Özcan(Student), 2016
- KAYA F., Karbon Nanotüplerin Kantitatif Analizleri, İnorganik Nanoyapılı Malzemelerin Sentezi ve Karakterizasyonu, Doctorate, A.Can(Student), 2016
- KAYA F., Çeşitli Nanoyapıların Sentezi ve Karakterizasyonu, Post Graduate, G.Özgün(Student), 2016
- KAYA F., Transparan Altlıklar Üzerine Nanoyapıların Yönlenmiş Olarak Kaplanması ve Özelliklerinin Belirlenmesi, Post Graduate, Ç.Bakkaloğlu(Student), 2016
- KAYA F., Synthesis and Applications of Various Metal Oxide Nanotubes., Post Graduate, T.İpeksaç(Student), 2012

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

- **Effect of elemental nano boron on the transformation and morphology of boron carbide (B₄C) powders synthesized from polymeric precursors**
Avcioglu S., KAYA F., Kaya C.
CERAMICS INTERNATIONAL, vol.46, pp.17938-17950, 2020 (Journal Indexed in SCI)
- **Processing and properties of boron carbide (B₄C) reinforced LDPE composites for radiation shielding**
Avcioglu S., Buldu M., Kaya F., Üstündağ C. B. , KAM E., Menciloglu Y. Z. , Kaptan H. Y. , Kaya C.
CERAMICS INTERNATIONAL, vol.46, pp.343-352, 2020 (Journal Indexed in SCI)
- **Non-catalytic synthesis of boron carbide (B₄C) nano structures with various morphologies by sol-gel process**
avcioglu S., KAYA F., Kaya C.
MATERIALS LETTERS, vol.249, pp.201-205, 2019 (Journal Indexed in SCI)
- **Synthesis, structure and characterization of hydrothermally synthesized Ag-TiO₂ nano-structures onto Ni filters using electrophoretic deposition**
noberi C., KAYA F., kaya C.
CERAMICS INTERNATIONAL, vol.42, pp.17202-17209, 2016 (Journal Indexed in SCI)
- **Template-free hydrothermal method for the synthesis of multi-walled CuO nanotubes**
İpeksac T., KAYA F., Kaya C.
MATERIALS LETTERS, vol.130, pp.68-70, 2014 (Journal Indexed in SCI)
- **Investigation of antileishmanial activities of Tio(2)@Ag nanoparticles on biological properties of L-tropica and L-infantum parasites, in vitro**
ALLAHVERDİYEV A., ABAMOR E. Ş. , BAĞIROVA M., Baydar S. Y. , Ates S. C. , KAYA F., Kaya C., Rafailovich M.
EXPERIMENTAL PARASITOLOGY, vol.135, pp.55-63, 2013 (Journal Indexed in SCI)
- **Hydrothermal synthesis of Zinc oxide (ZnO) nanotubes and its electrophoretic deposition on nickel filter**
İpeksac T., KAYA F., Kaya C.
MATERIALS LETTERS, vol.100, pp.11-14, 2013 (Journal Indexed in SCI)
- **Hydrothermally Mixed Hydroxyapatite-Multiwall Carbon Nanotubes Composite Coatings on Biomedical Alloys by Electrophoretic Deposition**
Ustundag C. B. , Avciata O., Kaya F., Kaya C.
JOURNAL OF PHYSICAL CHEMISTRY B, vol.117, pp.1571-1576, 2013 (Journal Indexed in SCI)
- **OH and COOH functionalized single walled carbon nanotubes-reinforced alumina ceramic nanocomposites**
Zaman A. C. , Üstündağ C. B. , Kaya F., Kaya C.
CERAMICS INTERNATIONAL, vol.38, pp.1287-1293, 2012 (Journal Indexed in SCI)
- **Electrophoretic deposition of hydrothermally synthesised Ag-TiO₂ hybrid nanoparticles onto 3-D Ni filters**
Noberi C., Zaman A. C. , Üstündağ C. B. , Kaya F., Kaya C.

MATERIALS LETTERS, vol.67, pp.113-116, 2012 (Journal Indexed in SCI)

- **Synthesis and electrophoretic deposition of hydrothermally synthesized multilayer TiO₂ nanotubes on conductive filters**
Zaman A. C. , Üstündağ C. B. , Kaya F., Kaya C.
MATERIALS LETTERS, vol.66, pp.179-181, 2012 (Journal Indexed in SCI)
- **Production of tubular porous hydroxyapatite using electrophoretic deposition**
ÜSTÜNDAĞ C. B. , KAYA F., KAYA C.
JOURNAL OF THE CERAMIC SOCIETY OF JAPAN, vol.120, pp.569-573, 2012 (Journal Indexed in SCI)
- **Antileishmanial effect of silver nanoparticles and their enhanced antiparasitic activity under ultraviolet light**
Allahverdiyev A., Abamor E. Ş. , Bagirova M., Üstündağ C. B. , Kaya C., Kaya F., Rafailovich M.
INTERNATIONAL JOURNAL OF NANOMEDICINE, vol.6, pp.2705-2714, 2011 (Journal Indexed in SCI)
- **Carbon nanotube/boehmite-derived alumina ceramics obtained by hydrothermal synthesis and spark plasma sintering (SPS)**
Zaman A. C. , Üstündağ C. B. , Celik A., Kara A., Kaya F., Kaya C.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.30, pp.3351-3356, 2010 (Journal Indexed in SCI)
- **Damage Detection in Fibre Reinforced Ceramic and Metal Matrix Composites by Acoustic Emission.**
KAYA F.
Key Engineering Materials, 2010 (Journal Indexed in SCI Expanded)
- **3-D micro-ceramic components from hydrothermally processed carbon nanotube-boehmite powders by electrophoretic deposition**
Zaman A. C. , Üstündağ C. B. , Kuskonmaz N., Kaya F., Kaya C.
CERAMICS INTERNATIONAL, vol.36, pp.1703-1710, 2010 (Journal Indexed in SCI)
- **Electrophoretic deposition of carbon nanotube ceramic nanocomposites**
aldo b., KAYA C., KAYA F.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.30, pp.1115-1119, 2010 (Journal Indexed in SCI)
- **3-D micro-ceramic components from hydrothermally processed carbon nanotube-boehmite powders by electrophoretic depositio**
KAYA F., KAYA C., ZAMAN A. C. , ÜSTÜNDAĞ C. B. , KUŞKONMAZ N.
ceramics International, vol.5, pp.1703-1710, 2010 (Journal Indexed in SCI)
- **Carbon Nanotube Reinforced Hydroxyapatite Coatings on Metallic Implants Using EPD**
KAYA F.
Key Engineering Materials., 2009 (Journal Indexed in SCI Expanded)
- **Carbon nanotube-reinforced hydroxyapatite coatings on metallic implants using electrophoretic deposition**
KAYA C., Kaya F., Cho J., Roether J., Boccaccini A.
Key Engineering Materials, vol.412, pp.93-97, 2009 (Journal Indexed in SCI Expanded)
- **Development and characterisation of high-density oxide fibre-reinforced oxide ceramic matrix composites with improved mechanical properties**
KAYA C., Kaya F., Butler E., Boccaccini A. R. , Chawla K.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.29, pp.1631-1639, 2009 (Journal Indexed in SCI)
- **Effect of increased interfacial strength on the fatigue crack growth resistance and crack opening displacement of beta Ti₂₁S/SCS 6 composites**
KAYA F., Bowen P.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.476, pp.301-307, 2008 (Journal Indexed in SCI)
- **In-situ observation of crack opening displacement (COD) in a metastable beta titanium composite**
KAYA F., Bowen P., Liu J.
JOURNAL OF MATERIALS SCIENCE, vol.43, pp.270-280, 2008 (Journal Indexed in SCI)
- **Tensile strength degradation of ceramic fibres due to cyclic loading**
KAYA F.
JOURNAL OF MATERIALS SCIENCE, vol.42, pp.1096-1107, 2007 (Journal Indexed in SCI)
- **Damage assessment of oxide fibre reinforced oxide ceramic matrix composites using acoustic emission**

KAYA F.

CERAMICS INTERNATIONAL, vol.33, pp.279-284, 2007 (Journal Indexed in SCI)

- **Structural and Functional Thick Ceramic Coatings by EPD**

KAYA F.

Surface and Coatings Technology, 2005 (Journal Indexed in SCI Expanded)

- **Structural and functional thick ceramic coatings by electrophoretic deposition**

KAYA C., Kaya F., Su B., Thomas B., Boccaccini A.

SURFACE & COATINGS TECHNOLOGY, vol.191, pp.303-310, 2005 (Journal Indexed in SCI)

- **Electrophoretic deposition of ceramic coatings on ceramic composite substrates**

KAYA C., Kaya F., Atiq S., Boccaccini A. R.

BRITISH CERAMIC TRANSACTIONS, vol.102, pp.99-102, 2003 (Journal Indexed in SCI)

- **Fabrication of stainless-steel-fiber-reinforced cordierite-matrix composites of tubular shape using electrophoretic deposition**

KAYA C., Kaya F., Boccaccini A. R.

JOURNAL OF THE AMERICAN CERAMIC SOCIETY, vol.85, pp.2575-2577, 2002 (Journal Indexed in SCI)

- **Electrophoretic deposition infiltration of 2-D metal fibre-reinforced cordierite matrix composites of tubular shape**

KAYA F., Kaya F., Boccaccini A.

JOURNAL OF MATERIALS SCIENCE, vol.37, pp.4145-4153, 2002 (Journal Indexed in SCI)

- **Non-destructive damage evaluation of cyclic-fatigued alumina fiber-reinforced mullite ceramic matrix composites using forced resonance and acoustic emission techniques**

KAYA C., Kaya F., Mori H.

JOURNAL OF MATERIALS SCIENCE LETTERS, vol.21, pp.1333-1335, 2002 (Journal Indexed in SCI)

- **Electrophoretic deposition infiltration of two dimensional metal fibre-reinforced cordierite matrix composites of tubular shape**

KAYA C., Kaya F., Boccaccini A. R.

JOURNAL OF MATERIALS SCIENCE, vol.37, pp.4145-4153, 2002 (Journal Indexed in SCI Expanded)

- **Damage assessment of alumina fibre-reinforced mullite ceramic matrix composites subjected to cyclic fatigue at ambient and elevated temperatures**

KAYA C., Kaya F., Mori H.

JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.22, pp.447-452, 2002 (Journal Indexed in SCI)

- **Colloidal processing of glassy-phase-free mullite from heterocoagulated boehmite/silica nanocomposite sol particles**

KAYA F., Kaya F., Boccaccini A.

ADVANCED ENGINEERING MATERIALS, vol.4, pp.21-29, 2002 (Journal Indexed in SCI)

- **Fabrication and characterisation of Ni-coated carbon fibre-reinforced alumina ceramic matrix composites using electrophoretic deposition**

KAYA C., Kaya F., Boccaccini A. R. , Chawla K. K.

ACTA MATERIALIA, vol.49, pp.1189-1197, 2001 (Journal Indexed in SCI)

- **On the toughening mechanisms of SiC platelet-reinforced Al₂O₃/Y-TZP nano-ceramic matrix composites**

Kaya C., Kaya F., Trusty P., Boccaccini A., Marsoglu M.

Ceramics International, vol.25, pp.359-366, 1999 (Journal Indexed in SCI)

- **Processing toughness improvement and microstructural analysis of SiC platelet reinforced Al₂O₃ Y TZP nano ceramic matrix composites**

KAYA C., KAYA F., müzeyyen m.

MATERIALS SCIENCE AND ENGINEERING A, vol.247, pp.75-80, 1998 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Elektrokinetik Biriktirme Yöntemiyle Co Ve Ti Alaşımları Üzerine Kaplanan Çok Duvarlı Karbon Nanotüp/Hidroksiapatit Tabakaların Proses Ve Karakterizasyonu**

Üstündağ C. B. , Kaya F., Boccaccini A. R. , Kaya C.

Afyon Kocatepe Üniversitesi Fen Bilimleri Dergisi, vol.9, pp.9-14, 2009 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- **A novel route to synthesize graphene via electrochemical process and its utilization in organic photovoltaic devices as charge transport layer**
Dericiler K., Kaya F.
4th International congress on Engineering, Architecture and Design, 2019, İstanbul, Turkey, 23 - 24 Nisan 2019, pp.116-124
- **Synthesis of High Purity Boron Carbide Powders via Sol-Gel Method**
Avcıoğlu S., KAYA F., Kaya C.
19th International Metallurgy and Materials Congress (IMMC 2018), İstanbul, Turkey, 25 Ekim 2018, pp.262
- **Synthesis of High Purity Boron Carbide Powder via Sol Gel Method**
AVCIOĞLU S., KAYA F., KAYA C.
IMMC2018 19th International Metallurgy and Materials Congress, 25 - 27 Ekim 2018
- **Low Temperature Synthesis and Characterization of High Purity Nano Boron Carbide (B4C) Structures**
Kaya C., Avcıoğlu S., KAYA F.
IV. International Ceramic, Glass, Porcelain Enamel, Glaze and Pigment Congress, Eskişehir, Turkey, 10 Ekim 2018, pp.35
- **TAILORING THE MORPHOLOGY OF SOL-GEL SYNTHESIZED BORON CARBIDE (B4C) POWDERS BY CONTROLLING THE GEL NETWORK**
KAYA F., Avcıoğlu S., Kaya C.
IV. Uluslararası Seramik, Cam, Emaye, Sır ve Boya Kongresi (SERES'18), Eskişehir, Turkey, 10 Ekim 2018, pp.538
- **TAILORING THE MORPHOLOGY AND COMPOSITION OF SOL GEL SYNTHESIZED BORON CARBIDE (B4C) POWDERS BY CONTROLLING THE GEL NETWORK**
KAYA F., AVCIOĞLU S., KAYA C.
IV. International Ceramic, Glass, Porcelain Enamel, Glaze and Pigment Congress SERES 2018, 10 - 12 Ekim 2018
- **Processing and Properties of Novel Nano Boron Carbide (B4C) Structures**
KAYA C., AVCIOĞLU S., KAYA F.
International Conference on Advanced Materials Research and Manufacturing Technologies (AMRMT 2018), 11 - 13 Ağustos 2018
- **Novel Boron Carbide (B4C) Structures with Controlled Morphology for Shielding Applications**
KAYA C., AVCIOĞLU S., KAYA F.
2018 Collaborative Conference on Materials Research (CCMR), 25 - 28 Haziran 2018
- **Low Temperature Synthesis of B4C: Influence of Citric Acid Addition**
Avcıoğlu S., KAYA F., Kaya C.
The International Conference on Materials Science, Mechanical and Automotive Engineering and Technology (IMSMA TEC'18), İzmir, Turkey, 06 Nisan 2018, pp.577
- **Synthesis and Characterization of Titanium Dioxide Nanostructures**
ÖZCAN M., NOBERİ C., KAYA C., KAYA F.
International Materials Technologies and Metallurgy Conference 2017, İstanbul, Turkey, 26 - 27 Ekim 2017
- **Synthesize and Characterization of Aligned TiO2 Nanotubes Onto ITO Glasses**
BAKKALOĞLU Ç., NOBERİ C., KAYA C., KAYA F.
International Materials Technologies and Metallurgy Conference 2017, İstanbul, Turkey, 26 - 27 Ekim 2017
- **New Generation Oxide Based Functional Nanotubes Synthesis Challenges and Applications**
KAYA C., KAYA F., NOBERİ C., ZAMAN A. C.
BIT's 7th Annual World Congress of Nano Science and Technology-2017, Fukuoka, Japan, 24 - 26 Ekim 2017
- **Synthesis of novel oxide-based nanostructure materials for various applications**
KAYA F., ZAMAN A. C., KAYA C.
ICCE-25, ROME, 16-22 July 2017, Rome, Italy, 16 Temmuz 2017, pp.17202-17209
- **Synthesis and applications of various oxide-based nanostructures with controlled morphologies**
KAYA C., ZAMAN A. C., KAYA F.

ICCE-25, 16 - 22 Temmuz 2017

- **Recent Advances in Boron-Based Solid State Hydrogen Storage Technologies**
AVCIOĞLU S., KAYA F.
INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING: ISTANBUL, 25 - 28 Nisan 2017
- **Bor İle Katkılandırılmış Mikronaltı TiO₂ Sentezi ve Karakterizasyonu**
BAYKUT B., NOBERİ C., KAYA F., KAYA C.
V.Ulusal Nanoteknoloji Kongresi, Turkey, 9 - 10 Mart 2017
- **Conservation of Historical Documents with Silver/Chitosan Naocomposites**
KAYA F.
11th International conference and Expo on Nanoscience and Molecular Nanotechnology; Rome, Roma, Italy, 20 Ekim 0201, pp.13
- **SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE NANOSTRUCTURES**
ÖZCAN M., NOBERİ C., KAYA C., KAYA F.
INTERNATIONAL COYFERENCE ON ENGINEERING AND NATURAL SCIENCES, 24 - 28 Mayıs 2016
- **ESR STUDIES OF TITANIA NANOTUBES PRODUCED BY HYDROTHERMAL PROCESS**
KAYA F., KAYA C., ZAMAN A. C. , KAPTAN H. Y.
EMN Meeting, Energy Materials Nanotechnology 2015, 9 - 12 Aralık 2015, vol.1, pp.23
- **NOVEL OXİDE BASED NANOTUBES FOR STORAGEAPPLICATIONS**
KAYA C., ZAMAN A. C. , NOBERİ C., KAYA F.
EMN Meeting, Energy Materials Nanotechnology 2015, 9 - 12 Aralık 2015, vol.1, pp.10
- **Determination of Antiparasitic Effects of TO₂ @ Ag Nanoparticals Against L. infatum Parasites In Vitro**
ABAMOR E. Ş. , ALLAHVERDİYEV A., BAĞIROVA M., KAYA F., KAYA C.
19. Ulusal Parazitoloji Kongresi, Erzurum, Turkey, 05 Ekim 2015, pp.12
- **Coating of TiO₂ Nanotubes on Transparent ITO Substrates by Electrophoretic Deposition and Their Applications in DSSC Cells**
KAYA F.
11th Nanoscience and Nanotechnology Conference (NanoTR-11) Ankara, Turkey., Ankara, Turkey, 22 Haziran 0201, pp.11
- **Conservation of Historical Documents with Silver Supported Chitosan Nanofibers**
eren g. ö. , NOBERİ C., KAYA C., KAYA F.
AIC American Institute for Conservation of Historic and Artistic Works, 13 - 16 Mayıs 2014, vol.1, pp.1-2
- **Ag-TiO₂ Nano-Powders by Hydrothermal Synthesis and Their Antimicrobial Properties**
NOBERİ C., ZAMAN A. C. , ÜSTÜNDAĞ C. B. , KAYA F., KAYA C., ABAMOR E. Ş. , Allahverdiyev A., Bağirova M.
Nano-TR 7, İSTANBUL, 27 Haziran - 01 Temmuz 2011
- **Synthesis and characterisation of Ag-TiO₂ nano-composite particles for antimicrobial applications**
NOBERİ C., ZAMAN A. C. , ÜSTÜNDAĞ C. B. , KAYA F., KAYA C., ABAMOR E. Ş. , Allahverdiyev A., Bağirova M.
Euro Biomat 2011, Almanya, 13 - 14 Nisan 2011
- **GÜMÜŞ NANOPARTİKÜLLERİNİ İÇEREN KAPLAMALARIN GÖRÜNÜR VE UV IŞIK ALTINDA ANTİLEİSHMANİAL ETKİSİNİN İN VİTRO İNCELENMESİ**
ALLAHVERDİYEV A., BAĞIROVA M., ABAMOR E. Ş. , ÇAKIR KOÇ R., ÜSTÜNDAĞ C. B. , KAYA F., KAYA C.
16. ULUSAL PARAZİTOLOJİ KONGRESİ, Turkey, 1 - 07 Kasım 2009
- **, Investigation the effect of silver nanoparticles with Leishmania parasites in visible and UV light**
ALLAHVERDİYEV A. M. , BAGIROVA M., ABAMOR E. Ş. , ÇAKIR KOÇ R., Üstündağ C. B. , Kaya F., Kaya C.
16. National Parasitology Congress, Adana, Turkey, 01 Aralık 2008, pp.1
- **THE EFFECT OF TITANIUM NANOPARTICLES ON HUMAN BREAST CANCER CELLS MCF 7 IN VITRO**
BAGIROVA M., ALLAHVERDİYEV A., ÇAKIR KOÇ R., ABAMOR E. Ş. , ÜSTÜNDAĞ C. B. , KAYA F., KAYA C.
BIOMED 2009 15TH INTERNATIONAL BIOMEDICAL SCIENCE AND TECHNOLOGY SYMPOSIUM, 16 - 19 Ağustos 2009
- **The Antiparasitic Anti Leishmanial Effect of Titanium Nanoparticles In Vitro**
ALLAHVERDİYEV A., BAGIROVA M., ABAMOR E. Ş. , ÇAKIR KOÇ R., ÜSTÜNDAĞ C. B. , KAYA F., KAYA C.
BIOMED 2009 15TH INTERNATIONAL BIOMEDICAL SCIENCE AND TECHNOLOGY SYMPOSIUM, 16 - 19 Ağustos 2009
- **The Anti-Parasitic Effect of Titanium Nanoparticles in vitro**

ALLAHVERDİYEV A., BAĞIROVA M., ABAMOR E. Ş. , ÇAKIR KOÇ R., ÜSTÜNDAĞ C. B. , Kaya F., Kaya C.
15TH INTERNATIONAL BIOMEDICAL SCIENCE AND TECHNOLOGY SYMPOSIUM, Ankara, Turkey, 10 Mayıs
2009, pp.127

- **Multi-walled carbon nanotube-reinforced nano-structured bioactive ceramic coatings on metal-based implants using electrophoretic deposition (EPD)**
Kaya C., Kaya F., ÜSTÜNDAĞ C. B. , Singh I., Boccaccini A.
2nd International Congress on Ceramics, ICC 2008, Verona, Italy, 29 June - 04 July 2008
- **Synthesis, characterization and coating of multiwalled zinc oxide (ZnO) nanotubes**
KAYA C., İpeksac T., Noberi C., Kaya F.
12th Asia Pacific Physics Conference (APPC12)
- **Synthesis of Metallic Copper Nanowires at Low Temperature**
Noberi C., Kaya F.
International Porous and Powder Materials
- **Synthesis of Oxide Based Nanotubes and Nanostructures and Their Antimicrobial Applications**
KAYA C., Noberi C., Kaya F.
Nanobiotechnology Days
- **Processing, Structure and Properties of Multi Walled Carbon Nanotube reinforced Nano Alumina Ceramics**
Zaman A. C. , KAYA C.
12th Asia Pacific Physics Conference (APPC12)
- **Hydrothermally Prepared Ceramic-Carbon Nanotube Nanocomposite Structure**
ÜSTÜNDAĞ C. B. , Zaman A. C. , Kaya F., Kaya C.
10th International Conference on Nanosciences & Nanotechnologies (NN13)
- **Fabrication of Porous Hydroxyapatite by Electrophoretic Deposition**
ÜSTÜNDAĞ C. B. , Zaman A. C. , Kaya F., Kaya C.
International Porous and Powder Materials Symposium and Exhibition (PPM 2013)
- **Processing, Properties and Characterization of Hydrothermally Synthesized Ag Doped TiO₂ Nanotubes**
Zaman A. C. , Ustundag C. B. , Kaya F., KAYA C.
BioMAT2013

Supported Projects

KAYA F., Özcan M., Project Supported by Higher Education Institutions, Kalkanlama malzemesi olarak kullanılabilen bor karbür takviyeli hafif ve esnek polimer nanokompozitlerin geliştirilmesi ve karakterizasyonu, 2019 - Continues

KAYA F., Project Supported by Higher Education Institutions, MEZOPARAZ NANO YAPILARIN ÜRETİMİ VE KAREKTERİZASYONU, 2017 - Continues

KAYA F., TÜBİTAK Project, Nükleer Tıp Tesislerinde Yapısal ve Kişisel Radyasyon Kalkanlama Malzemesi olarak Kullanılabilen B₄C Takviyeli Hafif ve Esnek Polimer Nanokompozitlerin Geliştirilmesi, 2017 - Continues

KAYA F., Dericiler K., Project Supported by Higher Education Institutions, Alternatif Yöntemlerle Grafen Sentezi ve Uygulamaları, 2018 - 2019

KAYA F., Project Supported by Higher Education Institutions, Çeşitli Nano Yapıların Sentezi ve Karakterizasyonu, 2015 - 2015

KAYA F., Project Supported by Higher Education Institutions, Transparan Altlıklar Üzerine Nanoyapıların Yönlendirilmiş Olarak Kaplanması ve Özelliklerinin Belirlenmesi, 2015 - 2015

KAYA F., TÜBİTAK Project, Toplumsal Salgınlar Karşı Antimikrobiyal Nanoyapılı Modüler maskelerin Üretimi, 2013 - 2015

KAYA F., Project Supported by Higher Education Institutions, Fotovoltaik Uygulamalar İçin Oksit Esaslı Nanoparçacık ve Nanotüplerin Hidrotermal Yöntemlerle Üretilmesi ve Karakterizasyonu, 2012 - 2014

Allahverdiyev A., Kaya F., Üstündağ C. B. , Kuşkonmaz N., Kaya C., TÜBİTAK Project, Nano-Yapılı Antimikrobiyal Kaplamaların Üç Boyutlu Metalik Filtreler Üzerine Elektrokinetik Biriktirme Yöntemi Kullanılarak Eldesi ve Karakterizasyon, 2009 - 2012

Kuşkonmaz N., Kaya F., Kaya C., Üstündağ C. B. , TÜBİTAK Project, Yüzeyi fonksiyonlaştırılmış Karbon Nanotüplerle Takviyeli Alümina ve Hidroksiapatit esaslı Nano yapıları Seramiklerin Üretim ve Karakterizasyonu, 2009 - 2012

KAYA F., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Zonguldak Karaelmas Üniversitesi Merkez Laboratuvarı, 2008 - 2011

KAYA F., Project Supported by Higher Education Institutions, Rüzgar Türbinlerinin Üretilmesi, 2008 - 2010

KAYA F., Other Supported Projects, Mechanical Testing of Composites, 2002 - 2004

KAYA F., Other Supported Projects, Processing and Mechanical Characterisation of Composite Materials, 2000 - 2002

Activities in Scientific Journals

Colloid and Surface Science, Editor, 2017 - Continues

Sigma Journal of Engineering and Natural Sciences , Committee Member, 2017 - Continues

Scientific Refereeing

Materials Chemistry and Physics , SCI Journal, September 2017

Journal of Industrial Textiles, SCI Journal, July 2017

Materials Chemistry and Physics , SCI Journal, May 2017

TUBITAK Project, May 2017

TUBITAK Project, May 2017

TUBITAK Project, January 2017

October 2016

January 2015

Nanokon14, III.Ulusal Nanoteknoloji Kongresi, National Scientific Refreed Journal, September 2014

Materials Chemistry and Physics, Fabrication of L-dopa sensor using Fe doped hydroxyapatite-multiwalled carbon nanotubes (Fe-HA/MWCNT) composite, SCI Journal, November 2013

November 2012

Surface and Coatings Technology, SCI Journal, October 2011

Materials Chemistry and Physics, SCI Journal, January 2011

Materials Science and Engineering B, SCI Journal, January 2009

International Journal of Applied Ceramics, SCI Journal, January 2009

Journal of Hazardous Materials, SCI Journal, January 2004

Composites Part A (SCI), SCI Journal, January 2004

Journal of Materials Science, SCI Journal, January 2004

Materials Science and Engineering A, SCI Journal, January 2004

Scientific Consultations

Yıldız Teknopark Teknoloji Transfer Ofisi, Scientific Consultancy, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Metalurji Ve Malzeme Mühendisliği, Turkey, 2016 - 2016

Scientific Research / Working Group Memberships

Mühendislik Araştırma Grubu, TÜBİTAK-ARDEB, Türkiye, www.tubitak.gov.tr, 2006 - 2012

Citations

Total Citations (WOS):628

h-index (WOS):12