



ALI CAN ZAMAN

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Zemin kat



Learning Knowledge

Post Doctorate 2018 - 2019	University of Illinois at Urbana-Champaign, the Grainger college of engineering, Materials Science and Engineering, United States Of America
Doctorate 2010 - 2015	Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, Turkey
Postgraduate 2007 - 2010	Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, Turkey
Undergraduate 2003 - 2007	Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, Turkey

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Spectroscopy summer school, Erzincan Üniversitesi Eczacılık Fakültesi, 2014
Education Management and Planning, COINAPO summer school "advances in nanocomposite materials: preparation and characterization", Physical chemistry of Romanian Academy, 2012
Education Management and Planning, COINAPO Characterization summer school, Oxford Üniversitesi, 2011

Dissertations

Doctorate, KARBON NANOTÜP SÜSPANSİYONLARININ KANTİTATİF ANALİZİ, İNORGANİK NANOYAPILI MALZEMELERİN ÜRETİMİ VE KARAKTERİZASYONU, Yıldız Teknik Üniversitesi, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği/Malzeme, 2015
Postgraduate, KARBON NANOTÜP İLAVESİNİN ALÜMİNA ESASLI SERAMİKLERİN YAPI VE ÖZELLİKLERİNE ETKİSİ, Yıldız

Academic Titles / Tasks

Lecturer PhD 2014 - Continues	Yildiz Technical University, Rectorate, -
Researcher 2018 - 2019	University of Illinois at Urbana-Champaign, Department of Materials Science and Engineering
Research Assistant 2012 - 2014	Kocaeli University, Mühendislik Fakültesi

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

- 1. A study on optimum surfactant to multiwalled carbon nanotube ratio in alcoholic stable suspensions via UV-Vis absorption spectroscopy and zeta potential analysis**
ZAMAN A. C. , KAYA F., KAYA C.
CERAMICS INTERNATIONAL, vol.46, no.18, pp.29120-29129, 2020 (Journal Indexed in SCI)
- 2. Polyol derived sulfonated solvothermal carbon for efficient dye removal from aqueous solutions**
ZAMAN A. C.
JOURNAL OF MOLECULAR LIQUIDS, vol.249, pp.892-903, 2018 (Journal Indexed in SCI)
- 3. Determination of of Quantity of Materials in Suspensions and in Electrophoretic Coatings by UV-Visible Absorption Spectroscopy**
Zaman A. C. , Kaya C.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.162, no.11, 2015 (Journal Indexed in SCI)
- 4. 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)
- 5. 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)
- 6. 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)
- 7. 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)
- 8. Boehmite derived surface functionalized carbon nanotube-reinforced macroporous alumina ceramics**
Zaman A. C. , Üstündağ C. B. , Kaya C.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.30, pp.2525-2531, 2010 (Journal Indexed in SCI)
- 9. 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, no.5, pp.1703-1710, 2010 (Journal Indexed in SCI)

Books & Book Chapters

1. Solid Waste Materials for Energy Storage Applications

Zaman A. C. , Özerol E., Üstündağ C. B.

in: Encyclopedia of Smart Materials, Abdul Ghani Olabi, Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, pp.1-13, 2020

Refereed Congress / Symposium Publications in Proceedings

1. 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 October 2017

2. 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 July 2017, pp.17202-17209

3. Synthesis and applications of various oxide-based nanostructures with controlled morphologies

KAYA C., ZAMAN A. C. , KAYA F.

ICCE-25, 16 - 22 July 2017

4. NOVEL OXIDE BASED NANOTUBES FOR STORAGEAPPLICATIONS

KAYA C., ZAMAN A. C. , NOBERİ C., KAYA F.

EMN Meeting, Energy Materials Nanotechnology 2015, 9 - 12 December 2015, vol.1, pp.10

5. 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 December 2015, vol.1, pp.23

6. Production of Green Reduced Graphene Oxide Hydroxyapatite Composites

ÖZTÜRK E., ÖZBEK B., ZAMAN A. C.

10th European Congress of Chemical Engineering, 27 September - 01 October 2015

7. 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), 01 September 2013

8. Hydrothermally Prepared Ceramic-Carbon Nanotube Nanocomposite Structure

ÜSTÜNDAĞ C. B. , Zaman A. C. , Kaya F., Kaya C.

10th International Conference on Nanosciences & Nanotechnologies (NN13), 01 July 2013

9. 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., Bağırova M.

Nano-TR 7, İSTANBUL, 27 June - 01 July 2011

10. 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., Bağırova M.

Euro Biomat 2011, Almanya, 13 - 14 April 2011

Citations

Total Citations (WOS):83

h-index (WOS):6

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Ceramic Materials, Material Characterization, Nanomaterials, Engineering and Technology