

Res. Asst. Selen Ezgi ÇELİK

Personal Information

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Education Information

Under Graduate, İstanbul Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey Continues
Doctorate, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Kimya Mühendisliği,
Turkey 2015 - Continues

Post Graduate, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Kimya
Mühendisliği, Turkey 2012 - 2015

Foreign Languages

English, C1 Advanced

Dissertations

Post Graduate, Synthesis of Nanomaterials for Photovoltaic Systems, Yıldız Teknik Üniversitesi, Fen Bilimleri Enst, Kimya
Mühendisliği, 2015

Research Areas

Chemical Engineering and Technology, Chemical Technologies, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği, 2013 - Continues

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

- Evaluating the effectiveness of DAP as a consolidant on Turkish building stones**
ÇELİK S. E. , Gulen J., Viles H. A.
Construction and Building Materials, vol.262, 2020 (Journal Indexed in SCI Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Secret Weapon of Byzantine Empire "Wild Fire"**
ÇELİK S. E. , SARAÇ H.
IV. International Sevgi Gönül Byzantine Studies Symposium, İstanbul, Turkey, 23 June 2016
- II. **Accelerated Aging Studies on Cultural Heritage**
ÇELİK S. E. , SARAÇ H.
41st International Symposium on Archaeometry (ISA), Kalamata, Greece, 15 May 2016
- III. **Investigation of Properties of Coins in Ottoman Empire Between 1828-1922**
ÇELİK S. E. , SARAÇ H.
41st International Symposium on Archaeometry (ISA), Kalamata, Greece, 15 May 2016
- IV. **A weapon between science and mystery: An Archaeometric Review on Damascus Swords**
Ergul O., Çelik S. E. , İnsel M. A. , Altın E. S. , Saraç H.
41st International Symposium on Archaeometry (ISA), Kalamata, Greece, 16 - 20 May 2016, pp.295-296
- V. **Metal Compositions of Coins in Ottoman Empire Between 1828-1922**
İnsel M. A. , Çelik S. E. , Altın E. S. , Ergül O., Saraç H.
International Symposium on Archaeometry, Kalamata, Greece, 15 - 21 May 2016, pp.296
- VI. **Investigations of Scientific Studies on Byzantine Jewellery**
Altın E. S. , Çelik S. E. , İnsel M. A. , Ergül O., Saraç H.
41st International Symposium on Archaeometry (ISA), Kalamata, Greece, 16 - 20 May 2016, pp.285-286
- VII. **Feasibility Study of CO₂ Separation From Biogas In Post-Combustion Processes**
ÇELİK S. E. , İPEKÇİ Y., ÇELİKASLAN Ö., GÜRELİ F., SARAÇ H.
, 5th International Conference on Biological, Chemical and Environmental Sciences (BCES-2016), 01 February 2016
- VIII. **Corrosion Estimation and Modelling in Historical Buildings**
ORUÇ M. E. , ÇELİK S. E. , SARAÇ H.
II. Workshop Conservation and Restoration of Cultural Heritage, 01 October 2015
- IX. **Dating Techniques of Ferrous Materials**
ÇELİK S. E. , ORUÇ M. E. , SARAÇ H.
II. Workshop Conservation and Restoration of Cultural Heritage, 01 October 2015
- X. **Conservation Studies Of 18th Century British Cast Iron Cannon**
ÇELİK S. E. , SARAÇ H., GENÇ U.
Seaha Conference, 01 July 2015
- XI. **Archaeometric Investigation of Mortar and Stone Samples of Tercan Mamahatun Complex Within Restoration Project**
ÇELİK S. E. , SARAÇ H.
37th International Symposium of Excavations, Surveys and Archaeometry, 01 May 2015
- XII. **Optimization of Synthesis Parameters of TiO₂ Nanotubes by Using Taguchi Method**
ÇELİK S. E. , Sarac H.
International Conference on Engineering, Technology and Sciences (ICETS) – 2014, 01 November 2014
- XIII. **CANLI ORGANİZMA KULLANIMIYLA NANOPARÇACIK SENTEZİ**
ÇELİK S. E. , Erpolat Z., Budan B. C. , Aşık I., Sarac H.
III. ULUSAL NANOTEKNOLOJİ KONGRESİ, 01 February 2014
- XIV. **Nemlendirici Formülasyonlarının Taguchi Yöntemiyle Hazırlanması ve Stabilizasyona Etki Eden Parametrelerin Analizi**
ÇELİK S. E. , Erpolat Z., Budan B. C. , Çelikkilek K., Ateş E., Sarac H.
4.Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, 01 February 2014
- XV. **Nemlendirici Formülasyonlarında Bentonit Kullanımının Reolojik Davranışa Etkisi**
Aydın İ., ÇELİK S. E. , Engin C., Ergin M. F.
3. Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, 01 February 2013
- XVI. **Comparison of Design And Material Properties of First Green Buildings**
ÇELİK S. E.
Second International Conference on Energy Systems, (ICES-2016), İstanbul, Turkey, 21 December 0016

XVII. Bentonitle Stabilize Edilmiş Parafin Emülsiyonlarına Tuz Etkisi

Aydın İ., ÇELİK S. E. , Ergin M. F. , Engin C.

2. Ulusal Kimya Mühendisliği Öğrenci Kongresi, Antalya, Turkey, 04 May 0013

Supported Projects

ÇELİK S. E. , TUBITAK Project, DOĞAL TAŞ ESERLERİN KORUNMASI İÇİN GÜMÜŞ NANOPARÇACIK İÇEREN POLİMER NANOKOMPOZİT GELİŞTİRİLMESİ, 2017 - 2018

Mobility Activity

Research Scholarship Program, Research During Graduate Education, University of Oxford, England, 2019 - 2019

Invited Congress and Symposium Activities

HERITAGE İSTANBUL Restorasyon, Arkeoloji ve Müzecilik Teknolojileri Fuarı ve Konferansı, Attendee, Turkey, 2017

TALKING HEAVY: Site Conservation, Documentation, and Presentation of Heavy Heritage in the Mediterranean Basin, Attendee, Turkey, 2016

41st International Symposium on Archaeometry (ISA), Attendee, Kalámeta, Greece, 2016

Doctoral Course on Sciences and Materials of the Cultural Heritage from Pollution to Climate Change, Attendee, Turkey, 2015

Stone in Turkish Archaeology: Archaeologic and Archaeometric Investigations, Attendee, Turkey, 2015

37th International Symposium of Excavations, Surveys and Archaeometry, Attendee, Turkey, 2015

HERITAGE 2015 "Restoration, Archeology and Museum Technologies", Attendee, Turkey, 2015

International Conference On Engineering, Technology And Sciences (ICETS), Attendee, United Arab Emirates, 2014

21st International Congress Of Chemical And Process Engineering Chisa 2014, Attendee, Czech Republic, 2014

Nanokon'14, Attendee, Turkey, 2014

Chemical Engineering Students Congress, Attendee, Turkey, 2013

3rd Cosmetics Chemistry, Production and Standardization, Attendee, Turkey, 2013