

Assoc. Prof. GÜLER NARİN

Personal Information

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Education Information

Doctorate, Izmir Institute Of Technology, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2003 - 2009

Postgraduate, Izmir Institute Of Technology, Mühendislik Ve Fen Bilimleri Enstitüsü, Çevre Mühendisliği (Çevre Kirliliği Ve Kontrolü) (YI) (Tezli) (İngilizce), Turkey 1997 - 2001

Undergraduate, Middle East Technical University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1992 - 1997

Dissertations

Doctorate, Nitrogen monoxide storage and release properties of local natural zeolite for biological applications, Izmir Institute Of Technology, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2009

Postgraduate, A chromatographic study of carbon monoxide adsorption in clinoptilolite, Izmir Institute Of Technology, Mühendislik Ve Fen Bilimleri Enstitüsü, Çevre Mühendisliği (Çevre Kirliliği Ve Kontrolü) (YI) (Tezli) (İngilizce), 2001

Academic Titles / Tasks

Associate Professor, Usak University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2017 - Continues

Usak University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2011 - 2017

Research Assistant, Izmir Institute Of Technology, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 1997 - 2009

Academic and Administrative Experience

Usak University, 2014 - 2017

Usak University, 2011 - 2014

Usak University, 2011 - 2014

Usak University, 2011 - 2012

Courses

Bitirme Ödevi I, Undergraduate, 2022 - 2023, 2021 - 2022

Teknik İngilizce, Undergraduate, 2022 - 2023

Ayrırma Prosesleri, Undergraduate, 2022 - 2023, 2021 - 2022

Kimya Mühendisliği Tasarımı I, Undergraduate, 2022 - 2023, 2014 - 2015

Kimya Mühendisliğinde Matematik Modelleme, Undergraduate, 2022 - 2023, 2021 - 2022, 2011 - 2012
Kimya Mühendisli Uygulamaları Laboratuvarı II, Undergraduate, 2022 - 2023
Nümerik Analiz, Undergraduate, 2022 - 2023, 2021 - 2022, 2014 - 2015, 2013 - 2014, 2011 - 2012
Kimya Mühendisli Uygulamaları Laboratuvarı, Undergraduate, 2022 - 2023
Kimyasal Proses Hesaplamaları, Undergraduate, 2022 - 2023, 2021 - 2022
Kimya Mühendisliği Tasarımı II, Undergraduate, 2022 - 2023, 2014 - 2015
Kimya Mühendisliği Uygulamaları Laboratuvarı II, Undergraduate, 2021 - 2022
BİTİRME ÖDEVİ, Undergraduate, 2021 - 2022, 2014 - 2015
Kimya Mühendisliği Uygulamaları Laboratuvarı I, Undergraduate, 2021 - 2022
Adsorpsiyon ve Adsorpsiyonlu Ayırma Prosesleri, Postgraduate, 2020 - 2021
Bitirme Ödevi II, Undergraduate, 2019 - 2020
Gözenekli Malzemeler, Postgraduate, 2019 - 2020
Kolloid ve Yüzey Kimyası, Postgraduate, 2019 - 2020
YÜZEY AKTİF MADDELER VE ARAYÜZEY OLAYLARI, Postgraduate, 2018 - 2019
İÇME VE KULLANMA SUYU ARITIMI, Postgraduate, 2018 - 2019
BİTİRME ÖDEVİ STAJI, Undergraduate, 2014 - 2015, 2013 - 2014
KİMYA MÜHENDİSLİĞİ TEMEL İŞLEMLER LABORATUVARI, Undergraduate, 2014 - 2015
PROSES KONTROL, Undergraduate, 2014 - 2015
KİNETİK VE KATALİZLEME, Undergraduate, 2014 - 2015, 2013 - 2014, 2011 - 2012
KİMYASAL REAKSİYON MÜHENDİSLİĞİ, Undergraduate, 2014 - 2015, 2013 - 2014, 2011 - 2012
İLERİ AYIRMA İŞLEMLERİ, Doctorate, 2013 - 2014
KÜTLE AKTARIMI, Undergraduate, 2013 - 2014
TERMAL ANALİZ TEKNİKLERİ, Postgraduate, 2013 - 2014
ISI AKTARIMI, Undergraduate, 2011 - 2012
İSTATİSTİK, Undergraduate, 2011 - 2012
ÇEVRE KİMYASI, Undergraduate, 2011 - 2012
MÜHENDİSLİKTE NÜMERİK ANALİZ, Postgraduate, 2011 - 2012
KÜTLE VE ENERJİ DENKLİKLERİ, Undergraduate, 2011 - 2012
GENEL KİMYA LABORATUVARI II, Undergraduate, 2011 - 2012
MÜHENDİSLİKTE DENEYSEL YÖNTEMLER, Postgraduate, 2011 - 2012
FİZİKOKİMYA, Undergraduate, 2010 - 2011
NÜMERİK ANALİZ, Undergraduate, 2010 - 2011
AKIŞKANLAR MEKANİĞİ, Undergraduate, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Water vapor harvesting by a (P)TSA process with MIL-125(Ti)₂NH₂ as adsorbent**
Silva M. P., Ribeiro A. M., Silva C. G., NARİN G., Nogueira I. B., Lee U., Faria J. L., Loureiro J. M., Chang J., Rodrigues A. E., et al.
Separation and Purification Technology, vol.237, 2020 (SCI-Expanded)
- II. **Application of model-free kinetic analysis methods to dehydration of a HEU-type zeolite rich tuff from Turkey**
NARİN G.
Clay Minerals, vol.50, no.1, pp.77-90, 2015 (SCI-Expanded)
- III. **Light olefins/paraffins separation with 13X zeolite binderless beads**
NARİN G., Martins V. F., Campo M., Ribeiro A. M., Ferreira A., Santos J. C., Schumann K., Rodrigues A. E.
Separation and Purification Technology, vol.133, pp.452-475, 2014 (SCI-Expanded)
- IV. **Preparation and characterization of antibacterial cobalt-exchanged natural zeolite/poly(vinyl alcohol) hydrogels**
NARİN G., Albayrak Ç. B., Ülkü S.

Articles Published in Other Journals

- I. **PREPARATION AND CHARACTERIZATION MAGNETIC HYDROGEL**
KIRAZ U., TEBER S., PEKER ALTAY H., SALLAN F. C., NARIN G., KILIÇ E.
ANNALS OF THE UNIVERSITY OF ORADEA FACULTY OF TEXTILES, LEATHERWORK, vol.19, no.2, pp.155-160, 2018
(Peer-Reviewed Journal)
- II. **DYE REMOVAL FROM AQUEOUS SOLUTION BY MAGNETIC HYDROGEL**
NARIN G., KIRAZ U., TEBER S., KILIÇ E.
ANNALS OF THE UNIVERSITY OF ORADEA FACULTY OF TEXTILES, LEATHERWORK, pp.133-138, 2018 (Peer-Reviewed Journal)
- III. **ACETIC ACID REMOVAL FROM DILUTE AQUEOUS SOLUTIONS USING ZEOLITE 13X**
NARIN G.
Journal of the Turkish Chemical Society B, vol.1, no.2, pp.159-190, 2017 (Peer-Reviewed Journal)
- IV. **Spray Drying as a Method of Producing Silk Sericin Powders**
Genc G., NARIN G., Bayraktar O.
Journal of Achievements in Materials and Manufacturing Engineering, vol.37, no.1, pp.78-86, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Thermal Behavior of Sodium Salt of Calf Thymus DNA**
TOPALOĞLU UZUNEL A., NARIN G., Balköse D.
in: Applied Chemistry and Chemical Engineering, Haghi, A. K., Pogliani, L., Castro, E. A., Balköse, D., Mukbaniani, O. V., Chia, C. H., Editor, Apple Academic Press, Oakville, pp.263-304, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Water Vapour Capture on MIL-125(Ti)-NH₂ By (P)TSA Process**
Silva M. P., Ribeiro A. M., Silva C., NARIN G., Nogueira I. B., Lee U., Joaquim F., Jong-San C., Rodrigues A. E., Ferreira A.
2019 AIChE Annual Meeting, Orlando, United States Of America, 10 - 15 November 2019
- II. **Characterization and antibacterial activity of nitric oxide releasing copper loaded natural zeolite**
NARIN G., BULUT ALBAYRAK Ç., ülkü s.
3rd International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 05 May 2017
- III. **Klinoptilolit bakımından zengin yerel doğal zeolitin 30 200 C aralığında su kaybetme mekanizmasının incelenmesi**
NARIN G.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016
- IV. **Towards adsorption based water generation processes using MOFs.**
Silva M. P., Ribeiro A. M., Silva C., NARIN G., Lee U., Young L. K., Young L. K., Florence R., Florence R., Florence R., et al.
18th International Zeolite Conference (IZC 2016), Brazil, 19 - 24 June 2016
- V. **MOFs for sorption based water generation: MIL-125(Ti)-NH₂**
Silva M. P., NARIN G., Ribeiro A. M., Loureiro J. M., Rodrigues A. E., Ferreira A.
1st European Conference on Metal Organic Frameworks and Porous Polymers, Potsdam, Germany, 11 - 14 October 2015

- VI. **Adsorption of Nitric Oxide by Local Clinoptilolite Rich Zeolitic Tuff**
NARİN G., Ulku S.
International Porous and Powder Materials Symposium and Exhibition, İzmir, Turkey, 15 - 18 September 2015
- VII. **Dehydration kinetics of local natural zeolitic material**
NARİN G.
9th International Conference on the Occurrence, Properties and Utilization of Natural Zeolites (Zeolite 2014), Serbia, 8 - 13 June 2014
- VIII. **Adsorption of Aflatoxin B1 on the Local Natural Zeolite**
NARİN G., BULUT ALBAYRAK Ç., ÜLKÜ A. S.
4th International Conference on Medical Geology, Italy, 20 - 25 September 2011
- IX. **Production of wound healing materials from local clinoptilolite rich natural zeolites**
NARİN G., BULUT ALBAYRAK Ç., ÜLKÜ A. S.
International Conference on the Occurrence, Properties and Utilization of Natural Zeolites, Bulgaria, 10 - 18 July 2010
- X. **A Chromatographic Study of CO Adsorption in Clinoptilolite**
NARİN G., YILMAZ S., ÜLKÜ A. S.
Eastern Mediterranean Chemical Engineering Conference, Turkey, 20 - 24 May 2001
- XI. **Doğal ve Değiştirilmiş Zeolit Tüflerinin Karakterizasyonu**
NARİN G., ALLAHVERDIEV A., BALKÖSE E. G. D., ÜLKÜ A. S.
7. Ulusal Kimya Mühendisliği Kongresi, Turkey, 05 September 1997

Metrics

Publication: 20

Citation (Scopus): 112

H-Index (Scopus): 3

Non Academic Experience

Porto Üniversitesi, Kimya Mühendisliği

Porto Üniversitesi, Kimya Mühendisliği