

Asst. Prof. Jale NAKTİYOK

Personal Information

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Education Information

Doctorate, Atatürk Üniversitesi, Mühendislik Fakültesi/Fen Bilimleri Ens., Kimya Mühendisliği, Turkey 2001 - 2008

Postgraduate, Atatürk Üniversitesi, Fen Bilimleri, Kimya Mühendisliği, Turkey 1997 - 2001

Undergraduate, Atatürk Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kalsine Edilmiş Mardin-Mazıdağı Fosfat Kayası İle Baca Gazı Desülfürizasyonu ve Desülfürizasyon Üzerine Çeşitli Tuzların Etkisinin İncelenmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı,, 2008

Postgraduate, Kalsine Edilmiş Fosfat Kayasının Reaktivitesinin İncelenmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2001

Research Areas

Chemical Engineering and Technology, Process and Reactor Design, Chemical Reaction Engineering, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues

Assistant Professor, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, 2014 - 2021

Courses

KİMYA MÜH. LAB 2, Undergraduate, 2019 - 2020

KİMYA MÜH LAB 3, Undergraduate, 2020 - 2021

TERMAL ANALİZ VE UYGULAMALARI, Postgraduate, 2019 - 2020

BİTİRME ÖDEVİ, Undergraduate, 2020 - 2021

TERMAL ANALİZ YÖNTEMİ VE UYGULAMALARI, Postgraduate, 2020 - 2021

Advising Theses

Naktiyok J., Fındık kabuğu ve fındık kavrısından hümik asit eldesi, Postgraduate, F.KARA(Student), 2020
Naktiyok J., Farklı kömürlerin termal analiz yöntemleri ile piroliz davranışlarının incelenmesi, Postgraduate, M.FİDAN(Student), 2020

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

- I. **Synthesis, characterization, and thermal decomposition kinetics of copper hydroxide sulfate (Cu-4(SO₄)(OH)(6)) synthesized by chemical precipitation method**
Guner E. K. , Kancan D., NAKTİYOK J., ÖZER A.
ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING, vol.16, no.1, 2021 (Journal Indexed in SCI)
- II. **Investigation of the oxidation behavior of a Turkey coal at low temperature by TGA, FTIR and BET analysis**
Naktiyok J.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.42, no.19, pp.2370-2380, 2020 (Journal Indexed in SCI)
- III. **Characterization and kinetics analysis of the thermal decomposition of the humic substance from hazelnut husk**
Kara F., Adıgüzel D., Atmaca U., Çelik M., Naktiyok J.
TURKISH JOURNAL OF CHEMISTRY, vol.44, no.6, pp.1483-1494, 2020 (Journal Indexed in SCI)
- IV. **Determination of the Self-Heating Temperature of Coal by Means of TGA Analysis**
NAKTİYOK J.
ENERGY & FUELS, vol.32, no.2, pp.2299-2305, 2018 (Journal Indexed in SCI)
- V. **Investigation of combustion kinetics of Umutbaca-lignite by thermal analysis technique**
NAKTİYOK J., BAYRAKÇEKEN H., ÖZER A., GÜLABOĞLU M.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.129, no.1, pp.531-539, 2017 (Journal Indexed in SCI)
- VI. **Investigation of the Thermal Behavior of Polypyrrole/Carbon Nanotube Composites and Utilization as Capacitive Material or Support for Catalysts**
Bayrakçeken H., Naktiyok J., Özer A., Bayrakçeken Yurtcan A.
CHEMICAL ENGINEERING COMMUNICATIONS, vol.204, no.8, pp.916-925, 2017 (Journal Indexed in SCI)
- VII. **Kinetics of thermal decomposition of phospholipids obtained from phosphate rock**
NAKTİYOK J., BAYRAKÇEKEN H., ÖZER A., GÜLABOĞLU M.
FUEL PROCESSING TECHNOLOGY, vol.116, pp.158-164, 2013 (Journal Indexed in SCI)
- VIII. **The Origin and Characterization of Soluble Organic Matter in the Phosphate Rock (Mardin-Mazidagi-Turkey)**
NAKTİYOK J., Ozer A., ÇELİK M., Gulaboglu M. Ş.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.35, no.4, pp.1138-1142, 2013 (Journal Indexed in SCI)
- IX. **Flue Gas Desulfurization by Calcined Phosphate Rock and Reaction Kinetics**
NAKTİYOK J., BAYRAKÇEKEN H., ÖZER A., GÜLABOĞLU M. Ş.
ENERGY & FUELS, vol.27, no.3, pp.1466-1472, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A Research on the Detection of Fake Butter by Traditional and Modern Methods**
Naktiyok J., Doğan T. H.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.9, no.2, pp.453-462, 2021 (National Refreed University Journal)
- II. **Synthesis of Copper Oxide (CuO) from Thermal Decomposition of Copper Acetate Monohydrate (Cu(CH₃COO)₂.H₂O)**
Naktiyok J., Özer A.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, no.2, pp.1292-1298, 2019 (Other Refreed

National Journals)

- III. **The Combustion Behavior and Kinetics of Dost (Oltu) Coal**
NAKTİYOK J., ÖZER A., GÜLABOĞLU M. Ş.
Erzincan Univ J Sci Tech, vol.10, pp.148-155, 2017 (Other Refereed National Journals)
- IV. **Non-isothermal calcination kinetics of phosphate rock**
BAYRAKÇEKEN H., NAKTİYOK J., OKUR H., ÖZER A., GÜLABOĞLU M. Ş.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, 2014 (Refereed Journals of Other Institutions)
- V. **Kalsine Edilmiş Fosfat Cevherinin Kimyasal Reaktivitesinin İncelenmesi**
NAKTİYOK J., ÖZER A., GÜLABOĞLU M. Ş.
Fırat Üniv. Fen ve Müh. Bil. Dergisi, vol.20, pp.473-482, 2008 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **TERMAL ANALİZ YÖNTEMİYLE POLİPROPİLEN LİF KATKILI ÇİMENTO HAMURUNUN YÜKSEK SICAKLIKLARDA BOZUNMA DAVRANIŞININ BELİRLENMESİ**
Adıgüzel D., NAKTİYOK J., BİNGÖL A. F.
HOCA AHMET YESEVİ 2. ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, 6 - 08 December 2019, pp.124-132
- II. **KÖMÜR KARIŞIMLARIN YANMA DAVRANIŞI**
Naktiyok J.
HOCA AHMET YESEVİ 2. ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Erzurum, Turkey, 6 - 08 December 2019, pp.133-139
- III. **THERMAL ANALYSIS FOR THE CEMENT PASTE EXPOSED TO HIGHTEMPERATURE**
Adıgüzel D., NAKTİYOK J., BİNGÖL A. F.
MAS INTERNATIONAL CONFERENCEON MATHEMATICS-ENGINEERING-NATURALMEDICAL SCIENCES-V, 2 - 05 May 2019, pp.575-583
- IV. **EFFECT OF MgO ADDITIVE (METALLIC SALT) ON THE COAL COMBUSTIONPROCESS**
Kızılırmak E. Y. , NAKTİYOK J.
MAS INTERNATIONAL CONFERENCEON MATHEMATICS-ENGINEERING-NATURALMEDICAL SCIENCES-V, 2 - 05 May 2019, pp.552-559
- V. **The Oxidation Kinetics of the Coal at the Low-Temperature Region**
NAKTİYOK J.
14. yanma kongresi Incos 2018, Karabük, Turkey, 29 April - 01 May 2019, pp.268-272
- VI. **Thermal decomposition kinetics of copper hydroxide sulfate (Cu₄(SO₄)(OH)₆) prepared by chemical precipitation method**
NAKTİYOK J., ÖZER A.
INTERNATIONAL SYMPOSIUM ON APPLIED SCIENCES AND ENGINEERING, 26 - 28 November 2018
- VII. **TG-DSC and TG-FTIR Analysis for The Determination of The Lignite-Combustion Process**
NAKTİYOK J.
1st International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 - 23 November 2018, pp.1855-1861
- VIII. **Termal decomposition of copper hydroxide sulfate (Cu₄(SO₄)(OH)₆) prepared by chemical precipitation method**
NAKTİYOK J., ÖZER A.
INTERNATIONAL SYMPOSIUM ON APPLIED SCIENCES AND ENGINEERING, 26 - 28 November 2018, pp.163-165
- IX. **Non isothermal Decomposition Kinetics and Synthesis of Nano Nickel Borate**
EDA K. G. , BAYRAKÇEKEN H., NAKTİYOK J., BAYRAKÇEKEN YURTCAN A., ÖZER A.
1st International Chemistry and Chemical Engineering Conference, 18 - 21 April 2013
- X. **Farklı Reaktantlarla Nano Boyutta CuO Sentezi**
BOZKURT G., BAYRAKÇEKEN H., NAKTİYOK J., ÖZER A.

10. Ulusal Kimya Mühendisliği Kongresi, Turkey, 3 - 06 September 2012
- XI. **Fosfat Kayası İçindeki Çözünür Organik Maddenin İzotermal Olmayan Bozunma Kinetiği**
NAKTİYOK J., BAYRAKÇEKEN H., ÖZER A., GÜLABOĞLU M. Ş.
10. Ulusal Kimya Mühendisliği Kongresi, Turkey, 3 - 06 September 2012
- XII. **Flue gas desulfurization with the phosphate rock impregnated by different salt solutions**
NAKTİYOK J., BAYRAKÇEKEN H., ÖZER A., GÜLABOĞLU M. Ş.
12th International Combustion Symposium, 24 May - 26 April 2012
- XIII. **Alternative sorbent to CO2 capture**
BAYRAKÇEKEN H., NAKTİYOK J., ÖZER A., GÜLABOĞLU M. Ş.
12th International Combustion Symposium, 24 - 26 May 2012
- XIV. **Thermal Behaviour Of Phosphate Rock In Calcination Carbonation Cycles For CO2 Capture**
BAYRAKÇEKEN H., NAKTİYOK J., ÖZER A., GÜLABOĞLU M. Ş.
2nd International Conference On Air Pollution An Control, Antalya, Turkey, 19 - 23 September 2011
- XV. **Effect of SO2 Concentration At The Flue Gas Desulphurization With Calcined Phosphate Rock**
BAYRAKÇEKEN H., NAKTİYOK J., ÖZER A., GÜLABOĞLU M. Ş.
2nd International Conference On Air Pollution An Control, Antalya, Turkey, 19 September 2011 - 23 September 2004
- XVI. **Kalsine Edilmiş Fosfat Cevherinin Kimyasal Reaktivitesinin İncelenmesi**
NAKTİYOK J., ÖZER A., GÜLABOĞLU M. Ş.
UKMK-5, Turkey, 2 - 05 September 2002

Supported Projects

- NAKTİYOK J., BİNGÖL A. F. , MERAL Y., Project Supported by Higher Education Institutions, ZEOLİT TRAS KARIŞIMLARIYLA HAZIRLANAN ÇİMENTO HARÇLARININ YÜKSEK SICAKLIK DİRENÇLERİNİN TERMAL ANALİZ CİHAZLARI YARDIMIYLA İNCELENMESİ, 2021 - Continues
- BİNGÖL A. F. , NAKTİYOK J., SAVAŞ A. S. , Project Supported by Higher Education Institutions, Yüksek Sıcaklık Etkisine Maruz Kalan EAtık Katkılı Betonların İç yapı İncelemesi, 2020 - 2020
- NAKTİYOK J., ADIGÜZEL D., Project Supported by Higher Education Institutions, ÇİMENTO HAMURUNUN YÜKSEK SICAKLIK DAYANIMINA FARKLI KATKI MADDELERİNİN ETKİSİNİN TERMAL ANALİZ CİHAZLARI YARDIMIYLA BELİRLENMESİ, 2018 - 2018
- Bayrakçeken H., Naktiyok J., Özer A., Project Supported by Higher Education Institutions, FARKLI SORBENTLER İLE CO2'İN DÖNGÜSEL TUTULMASI, 2012 - 2015
- NAKTİYOK J., Project Supported by Higher Education Institutions, BÖLGESEL KÖMÜRLERİN KENDİLİĞİNDEN YANMA (TUTUŞMA) VE KOKLAŞMA ÖZELLİKLERİNİN TERMAL ANALİZ (TG/DTA-DİLATOMETRE) YÖNTEMLERİYLE BELİRLENMESİ, 2011 - 2014

Citations

Total Citations (WOS):59

h-index (WOS):4