

Personal Information

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Education Information

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

Post Graduate, Atatürk Üniversitesi, Fen Bilimleri, Kimya Mühendisliği, Turkey 1997 - 2001

Under Graduate, 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

Post Graduate, 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

Assistant Professor, Atatürk Üniversitesi, Mühendislik Fak., Kimya Mühendisliği, 2014 - Continues

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

- **Investigation of the oxidation behavior of a Turkey coal at low temperature by TGA, FTIR and BET analysis**
NAKTİYOK J.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2019 (Journal Indexed in SCI)
- **Determination of the Self-Heating Temperature of Coal by Means of TGA Analysis**
NAKTİYOK J.
ENERGY & FUELS, vol.32, pp.2299-2305, 2018 (Journal Indexed in SCI)
- **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, pp.531-539, 2017 (Journal Indexed in SCI)
- **Investigation of the Thermal Behavior of Polypyrrole/Carbon Nanotube Composites and Utilization as Capacitive Material or Support for Catalysts**
BAYRAKÇEKEN H., NAKTİYOK J., ÖZER A., Yurtcan A. B.

CHEMICAL ENGINEERING COMMUNICATIONS, vol.204, pp.916-925, 2017 (Journal Indexed in SCI)

- **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)
- **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, pp.1138-1142, 2013 (Journal Indexed in SCI)
- **Flue Gas Desulfurization by Calcined Phosphate Rock and Reaction Kinetics**
NAKTİYOK J., BAYRAKÇEKEN H., ÖZER A., GÜLABOĞLU M. Ş.
Energy & Fuels, vol.27, pp.1466-1472, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- **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)
- **Fosfat Kayasının İzotermal Olmayan Bozunma Kinetiği**
BAYRAKÇEKEN H., NAKTİYOK J., Okur H., ÖZER A., GÜLABOĞLU M. Ş.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.20, pp.266-271, 2014 (National Refreed University Journal)
- **Fosfat Kayasının İzotermal Olmayan Bozunma Kinetiği**
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- **FOSFAT KAYASININ İZOTERMAL OLMAYAN BOZUNMA KİNETİĞİNİN ISOTHERMAL CALCINATION KINETICS OF PHOSPHATE ROCK**
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- **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

- **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
- **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
- **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
- **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
- **The Oxidation Kinetics of the Coal at the Low-Temperature Region**

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- **Thermal decomposition kinetics of copper hydroxide sulfate ($\text{Cu}_4(\text{SO}_4)(\text{OH})_6$) prepared by chemical precipitation method**

NAKTİYOK J., ÖZER A.

INTERNATIONAL SYMPOSIUM ON APPLIED SCIENCES AND ENGINEERING, 26 - 28 November 2018

- **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

- **Thermal decomposition of copper hydroxide sulfate ($\text{Cu}_4(\text{SO}_4)(\text{OH})_6$) prepared by chemical precipitation method**

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- **Capacitive properties of polypyrrole carbon nanotube composites**

BAYRAKÇEKEN YURTCAN A., BAYRAKÇEKEN H., NAKTİYOK J., ÖZER A.

The Sixth International Exergy, Energy and Environment Symposium, 1 - 04 July 2013

- **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

- **Farklı Reaktantlarla Nano Boyutta CuO Sentezi**

BOZKURT G., BAYRAKÇEKEN H., NAKTİYOK J., ÖZER A.

10. Ulusal Kimya Mühendisliği Kongresi, Turkey, 3 - 06 September 2012

- **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

- **Alternative sorbent to CO₂ capture**

BAYRAKÇEKEN H., NAKTİYOK J., ÖZER A., GÜLABOĞLU M. Ş.

12th International Combustion Symposium, 24 - 26 May 2012

- **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

- **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

- **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

Supported Projects

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

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

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