

PROF. HALİL DEMİR



## Kişisel Bilgiler

Eposta: halildemir@siirt.edu.tr

Birimi : TEMEL İŞLEMLER VE TERMODİNAMİK

Dahili : -

## Makaleler (YOKSIS)

- 1 A new method on producing high surface area activated carbon The effect of salt on the surface area and the pore size distribution of activated carbon prepared from pistachio shell**  
DOLAŞ HACER, SAKA CAFER, ŞAHİN ÖMER, DEMİR HALİL  
Chemical Engineering Journal, <http://linkinghub.elsevier.com/retrieve/pii/S138589471001034X>
- 2 Determination of Nucleation Kinetics of Ammonium Biborate Tetrahydrate**  
ŞAHİN ÖMER, ÖZDEMİR MUSTAFA, İZGİ MEHMET SAİT, DEMİR HALİL, CEYHAN AYHAN ABDULLAH  
Revista de Chimie,
- 3 Determination of nucleation kinetics of potassium tetraborate tetrahydrate**  
ŞAHİN ÖMER, DOLAŞ HACER, DEMİR HALİL  
Crystal Research and Technology, <http://doi.wiley.com/10.1002/crat.200710904>
- 4 Hydrogen generation from sodium borohydride hydrolysis with a cu-co-based catalyst**  
DEMİR HALİL, ŞAHİN ÖMER, SAKA CAFER, Sarıkaya Abdussmaet, Karabulut Abdurrahman  
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, <https://www.scopus.com/record/display.uri?eid=2-s2.0-84927624504origin=resultslistsort=plf-fsrc=ssid=36434948fdf31221d6543b1b9f44980asot=autdocssdt=autdocssl=18s=AU-ID281575511970029relpos=0citeCnt=17searchTerm=>
- 5 Hydrogen production from sodium borohydride for fuel cells in presence of electrical field**  
ŞAHİN ÖMER, DOLAŞ HACER, KAYA MUSTAFA, İZGİ MEHMET SAİT, DEMİR HALİL  
International Journal of Energy Research, <http://doi.wiley.com/10.1002/er.1563>
- 6 Investigation of the properties of photocatalytically active Cu-doped Bi<sub>2</sub>S<sub>3</sub> nanocomposite catalysts**  
DEMİR HALİL, ŞAHİN ÖMER, BAYTAR ORHAN, HOROZ SABİT  
Journal of Materials Science: Materials in Electronics,
- 7 Optimizing hydrogen production from alkali hydrides using supported metal catalysts**  
Karabulut Abdurrahman, İZGİ MEHMET SAİT, DEMİR HALİL, ŞAHİN ÖMER, HOROZ SABİT

- 7 Springer Science and Business Media LLC,<http://dx.doi.org/10.1007/s11581-023-04962-8>
- 8 **Production of granular boron oxide by calcination of ammonium tetraborate tetrahydrate**  
DEMİR HALİL, ŞAHİN ÖMER, İZGİ MEHMET SAİT, Fıratoğlu Hasan  
Thermochimica Acta,<http://linkinghub.elsevier.com/retrieve/pii/S0040603106001900>
- 9 **Removal of Lead II from Aqueous Solutions using Pre boiled and Formaldehyde Treated Onion Skins as a New Adsorbent**  
SAKA CAFER, ŞAHİN ÖMER, DEMİR HALİL, KAHYAOĞLU MUSTAFA  
Separation Science and Technology,<http://www.tandfonline.com/doi/abs/10.1080/01496395.2010.517595>
- 10 **SODYUM BOR HİDRÜRÜN HİDROLİZİNDE KARBON NANOTÜP DESTEKLİ Co-Cr-B KATALİZÖRÜN KULLANILMASI**  
BAYTAR ORHAN, AĞRAK Selman, DEMİR HALİL, ŞAHİN ÖMER  
Konya Mühendislik Bilimleri Dergisi,<https://dergipark.org.tr/en/pub/konjes/issue/67514/979035>
- 11 **The Investigation Of Thermal Decomposition Kinetics Of Potassium Tetraborate Tetrahydrate By Thermal Analysis**  
CEYHAN AYHAN ABDULLAH, DEMİR HALİL, ŞAHİN ÖMER  
J. Fac.Eng.Arch. Selcuk Univ.,....
- 12 **Thermal decomposition kinetics of sodium perborate tetrahydrate to sodium metaborate by using model fitting and model free methods**  
DEMİR HALİL  
Korean Journal of Chemical Engineering,<http://link.springer.com/10.1007/s11814-011-0081-x>

## Bildiriler (YOKSIS)

- 1 **3rd International Conference on Innovative Academic Studies**  
BAYTAR ORHAN, ŞAHİN ÖMER, DEMİR HALİL, KUTLUAY SİNAN, İZGİ MEHMET SAİT  
3 rd International Conference on Innovative Academic Studies , <https://as-proceeding.com/index.php/icias>
- 2 **ALKALİ GENLEŞTİRİLMİŞ PERLİT ve ALKALİ PERLİT KULLANILARAK METİLEN MAVİSİNİN YANIT YÜZEY YÖNTEMİYLE İNCELENMESİ**  
DEMİR HALİL, ŞAHİN ÖMER, Kahraman Zafer  
n 3rd International Conference on Recent Academic Studies ICRAS 2024 , <https://as-proceeding.com/index.php/icras/home>
- 3 **ANTICANCER EFFECTS OF POLYFLUORINATED 3-TERT-BUTYLSALICYLALDİMİNES ON PANC-1 CELL LINE**  
DEMİR HALİL, suzergoz faruk, KASIM VELİ  
ICCACHE ,
- 4 **Determination of Borax Pentahydrate Crystal Size Distribution and Shape in a CMSMPR Crystallizer-The Effect of Supersaturation, Feed Flow Rate and Stirring Speed with Time**  
KUTLUAY SİNAN, CEYHAN AYHAN ABDULLAH, DEMİR HALİL, ŞAHİN ÖMER  
INTERNATIONAL CONFERENCE ON APPLICATION IN CHEMISTRY AND CHEMICAL ENGINEERING (ICACCHE) ,

**5 Investigation of Linear Growth Rates of Potassium Pentaborate tetrahydrate in Stationary Medium of Single Crystal System**

DEMİR HALİL, ŞAHİN ÖMER, KAYA MUSTAFA

INTERNATIONAL CONFERENCE ON APPLICATION IN CHEMISTRY AND CHEMICAL ENGINEERING (ICACCHE) ,

**6 PRODUCTION OF LITHIUM TETRABORATE TETRAHYDRATE BY SPRAY DRIER METHOD AND DETERMINATION OF PRODUCTION CONDITIONS**

İZGİ MEHMET SAİT, DEMİR HALİL, BAYTAR ORHAN, ADIGÜZEL VEDAT, DEMİRCİ SEVİLAY

International Conference on Applications in Chemistry and Chemical Engineering ,  
[https://www.icacche.com/sites/default/files/2017-icacche-book\\_of\\_proceedings.pdf](https://www.icacche.com/sites/default/files/2017-icacche-book_of_proceedings.pdf)

**7 The use of Ni-Cr-B catalyst in the hydrolysis of sodium borohydride and determination of its kinetics**

DEMİR HALİL, BAYTAR ORHAN, AĞRAK SELMAN

The International Conference on Applications in the Chemistry and Chemical Engineering ,