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Kişisel Bilgiler

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batur ebru, BAYTAR ORHAN, KUTLUAY SİNAN, HOROZ SABİT, ŞAHİN ÖMER
Environmental Technology, <http://dx.doi.org/10.1080/09593330.2020.1811397>
- 2 Adsorption kinetics, equilibrium and thermodynamics of gas-phase toluene onto char produced from almond shells**
KUTLUAY SİNAN, BAYTAR ORHAN, ŞAHİN ÖMER
Research on Engineering Structures Materials, <http://www.jresm.org/archive/resm2019.73en1122.html>
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- 5 Ammonium Fluoroborate Production and Determination of Production Parameters**
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Journal of Boron, <https://dergipark.org.tr/tr/doi/10.30728/boron.687130>
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YILDIZ HAKAN, DOLAŞ HACER, BAYTAR ORHAN, ŞAHİN ÖMER
The Journal of The Textile Institute, <http://dx.doi.org/10.1080/00405000.2024.2352677>
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Journal of Cluster Science,<http://dx.doi.org/10.1007/s10876-023-02481-0>
- 8 **Catalytic activity of cobalt-boron-fluoride particles with different solvent mediums on sodium borohydride hydrolysis for hydrogen generation**
İZGİ MEHMET SAİT, ŞAHİN ÖMER, BAYTAR ORHAN, SAKA CAFER
Energy Sources, Part A: Recovery, Utilization, and Environmental Effects,<http://dx.doi.org/10.1080/15567036.2019.1668081>
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YILMAZ MİNE, CEYHAN AYHAN ABDULLAH, BAYTAR ORHAN
International Journal of Phytoremediation,<http://dx.doi.org/10.1080/15226514.2024.2371914>
- 10 **CeO₂ supported multimetallic nano materials as an efficient catalyst for hydrogen generation from the hydrolysis of NaBH₄**
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INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES RESEARCH TECHNOLOGY,<https://zenodo.org/record/1066222>
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Analytical Letters,<https://www.tandfonline.com/doi/full/10.1080/00032719.2017.1415920>
- 13 **Effect of a novel metal-free green synthesis catalyst on the positive role of microwave irradiation in hydrogen production from the hydrolysis of sodium borohydride**
EKİNCİ ARZU, ŞAHİN ÖMER, BAYTAR ORHAN
Process Safety and Environmental Protection,<http://dx.doi.org/10.1016/j.psep.2024.04.120>
- 14 **Effect of environmentally friendly and efficient metal-free hydrochars as catalysts on sodium borohydride hydrolysis**
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Fuel,<http://dx.doi.org/10.1016/j.fuel.2023.128308>
- 15 **EFFECT OF HEAVY METALS IMPURITIES UPON NUCLEATION KINETICS OF NaCl**
CEYHAN AYHAN ABDULLAH, BAYTAR ORHAN, GÜLCE AHMET
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY,http://apps.webofknowledge.com/full_record.do?product=UAsearch_mode=GeneralSearchqid=3SID=V2yVHlrjnSwCgyHC6zWpage=1doc=3
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ACTA CHIMICA SLOVENICA,
- 17 **Enhanced benzene vapor adsorption through microwave-assisted fabrication of activated carbon from peanut shells using ZnCl₂ as an activating agent**

- 17 KUTLUAY SİNAN,ŞAHİN ÖMER,BAYTAR ORHAN
Environmental Science and Pollution Research,<http://dx.doi.org/10.1007/s11356-024-32973-z>
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International Journal of Hydrogen Energy,<https://linkinghub.elsevier.com/retrieve/pii/S0360319920302809>
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batur ebru, BAYTAR ORHAN, HOROZ SABİT, ŞAHİN ÖMER, KUTLUAY SİNAN
Journal of Materials Science: Materials in Electronics,<http://dx.doi.org/10.1007/s10854-022-08521-1>
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International Journal of Hydrogen Energy,<http://dx.doi.org/10.1016/j.ijhydene.2023.07.069>
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International Journal of Phytoremediation,<http://dx.doi.org/10.1080/15226514.2024.2338470>
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Ionics,<http://dx.doi.org/10.1007/s11581-024-05654-7>
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Materials Science and Engineering: B,<http://dx.doi.org/10.1016/j.mseb.2023.116704>
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batur ebru, ŞAHİN ÖMER, BAYTAR ORHAN, HOROZ SABİT, KUTLUAY SİNAN
Journal of the Australian Ceramic Society,<http://dx.doi.org/10.1007/s41779-022-00809-z>
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Journal of Optoelectronic and Biomedical Materials,
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ŞAHİN ÖMER,BAYTAR ORHAN,HANSU FEVZİ,SAKA CAFER
Energy Sources, Part A: Recovery, Utilization, and Environmental Effects,<http://www.tandfonline.com/doi/abs/10.1080/15567036.2011.555442>
- 32 **Hydrogen Generation from NaBH₄ Solution with the High performance Co₀ Catalyst Using a Cold Plasma Method**
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Energy Sources, Part A: Recovery, Utilization, and Environmental Effects,<http://www.tandfonline.com/doi/abs/10.1080/15567036.2011.555443>
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BIOMASS BIOENERGY,<https://linkinghub.elsevier.com/retrieve/pii/S0961953420303822>
- 34 **Influence of plasma treatment on electrochemical activity of Ni₀ based catalyst for hydrogen production by hydrolysis of NaBH₄**
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JOURNAL OF POWER SOURCES,<http://linkinghub.elsevier.com/retrieve/pii/S0378775313008148>
- 35 **Investigation of High-Activity Activated Carbon-Supported Co-Cr-B Catalyst in the Generation of Hydrogen from Hydrolysis of Sodium Borohydride**
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Acta Chimica Slovenica,<https://journals.matheo.si/index.php/ACSi/article/view/4151>
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DESALINATION AND WATER TREATMENT,<http://dx.doi.org/10.5004/dwt.2021.26468>
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- 37 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS,<http://link.springer.com/10.1007/s10854-020-03582-6>
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International Journal of Phytoremediation,<http://dx.doi.org/10.1080/15226514.2022.2057420>
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Uluslararası Mühendislik Arastırma ve Geliştirme Dergisi,<http://dergipark.gov.tr/doi/10.29137/umagd.419657>
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Selçuk Üniversitesi Mühendislik, Bilim ve Teknoloji Dergisi,<http://sujest.selcuk.edu.tr/sumbtd/article/view/495>
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International Journal of Phytoremediation,<http://dx.doi.org/10.1080/15226514.2023.2243621>
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European Journal of Technic,<https://dergipark.org.tr/tr/doi/10.36222/ejt.649205>
- 43 **Photocatalytic degradation of methylene blue with Co alloyed CdZnS nanoparticles**
HOROZ SABİT, BAYTAR ORHAN, ŞAHİN ÖMER, kılıçvuran hilal
Journal of Materials Science: Materials in Electronics,<http://link.springer.com/10.1007/s10854-017-7999-7>
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Bitlis Eren Üniversitesi Fen Bilimleri Dergisi,<https://dergipark.org.tr/tr/doi/10.17798/bitlisfen.623941>
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ŞAHİN ÖMER, BAYTAR ORHAN, KUTLUAY SİNAN, EKİNCİ ARZU
Journal of Photochemistry and Photobiology A: Chemistry,<http://dx.doi.org/10.1016/j.jphotochem.2023.115301>
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International Journal of Chemistry and Technology,<https://dergipark.org.tr/tr/doi/10.32571/ijct.747943>
- 47 **Preparation and characterization of activated carbon from hydrochar by hydrothermal carbonization of chickpea stem: an application in methylene blue removal by RSM optimization**

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International Journal of Phytoremediation,<http://dx.doi.org/10.1080/15226514.2021.1926911>
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Analytical Letters, <https://www.tandfonline.com/doi/full/10.1080/00032719.2018.1450415>
- 50 **Preparation of High Surface Area Activated Carbon from *Elaeagnus angustifolia* Seeds by Chemical Activation with ZnCl₂ in One Step Treatment and its Iodine Adsorption**
title
ŞAHİN ÖMER, SAKA CAFER, CEYHAN AYHAN ABDULLAH, BAYTAR ORHAN
Separation Science and Technology, <http://www.tandfonline.com/doi/full/10.1080/01496395.2014.966204>
- 51 **Production of activated carbon from *Elaeagnus angustifolia* seeds using H₃PO₄ activator and methylene blue and malachite green adsorption**
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International Journal of Phytoremediation, <http://dx.doi.org/10.1080/15226514.2020.1849015>
- 52 **Sequential application of microwave and conventional heating methods for preparation of activated carbon from biomass and its methylene blue adsorption**
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Applied Thermal Engineering, <https://linkinghub.elsevier.com/retrieve/pii/S1359431117360404>
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Konya Journal of Engineering Sciences, <http://dx.doi.org/10.36306/konjes.979035>
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Waste and Biomass Valorization, <http://dx.doi.org/10.1007/s12649-024-02484-6>
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İZGİ MEHMET SAİT, BAYTAR ORHAN, ŞAHİN ÖMER, HOROZ SABİT
Digest Journal of Nanomaterials and Biostructures, http://www.chalcogen.ro/1005_lzgiMS.pdf
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- 57 Journal of Analytical and Applied Pyrolysis,<http://linkinghub.elsevier.com/retrieve/pii/S0165237013001393>
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Journal of Ovonic Research,https://chalcogen.ro/117_GenliN.pdf
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Journal of Ovonic Research,https://chalcogen.ro/291_CevikMS.pdf
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BAYTAR ORHAN,ŞAHİN ÖMER,CANPOLAT GURBET,EKİNCİ ARZU
Journal of the Australian Ceramic Society,<http://dx.doi.org/10.1007/s41779-024-01043-5>
- 62 **Synthesis of Co-doped NiO/AC photocatalysts and their use in photocatalytic degradation**
bulut nesrin, BAYTAR ORHAN, ŞAHİN ÖMER, HOROZ SABİT
Journal of the Australian Ceramic Society,<http://dx.doi.org/10.1007/s41779-020-00550-5>
- 63 **Synthesis, structural, optical and photocatalytic properties of Fe-alloyed CdZnS nanoparticles**
BAYTAR ORHAN,ŞAHİN ÖMER,Kılıcvuran hilal,HOROZ SABİT
Journal of Materials Science: Materials in Electronics,<http://link.springer.com/10.1007/s10854-017-8406-0>
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ŞAHİN ÖMER, SAKA CAFER, CEYHAN AYHAN ABDULLAH, BAYTAR ORHAN
Energy Sources, Part A: Recovery, Utilization, and Environmental Effects,<http://www.tandfonline.com/doi/full/10.1080/15567036.2014.956195>
- 65 **The Use of NiFe₂O₄ and CoFe₂O₄ Nanoparticles Produced by Green Synthesis as Electrode Material for Supercapacitors**
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ChemistrySelect,<http://dx.doi.org/10.1002/slct.202304491>

Bildiriler (YOKSIS)

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2. INTERNATIONAL CONFERENCE ON APPLICATION IN CHEMISTRY AND CHEMICAL ENGINEERING (ICACCHE) ,
https://www.icacche.com/sites/default/files/icacche_2018_book_of_proceedings_v3.pdf
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- 9 **KARBON KUANTUM NOKTA DESTEKLİ CDS SENTEZLENMESİ VE METİLEN MAVİSİNİN FOTOKATALİTİK BOZUNDURULMASINDA KULLANILMASI**
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SIVAS INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH , Chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://tr.iksadkongre.com/_files/ugd/614b1f_455744e5d0ce4b5faf84b5eadac4d173.pdf
- 10 **Karpuz çekirdeğı ekstrağından CoO Nanoparçacığının Sentezlenmesi ve karakterizasyonu**
BAYTAR ORHAN, EKİNCİ ARZU, KUTLUAY SİNAN
3rd International Conference on Innovative Academic Studies ,
- 11 **Karpuz Çekirdeğı Kabuğı Ekstrağından Sentezlenen Co(0) Nanopartiküllerin Sodyum Borhidrür Hidrolizinde Katalizör Olarak Kullanımı**
EKİNCİ ARZU, BAYTAR ORHAN, KUTLUAY SİNAN
2nd International Conference on Recent Academic Studies ICRAS 2023 ,
- 12 **Methylene Blue Adsorption onto Formaldehyde Treated Angustifolia Seeds**
CEYHAN AYHAN ABDULLAH, BAYTAR ORHAN, YILMAZ DUYGU, mirad canan, ŞAHİN ÖMER
3. International Conference of Ecosystems ,

- 12
- 13 **Optimization of Process Conditions for Adsorption of Methylene Blue on Formaldehyde-Modified Peanut Shells using Box-Behnken Experimental Design and Response Surface Methodology (RSM)**
KUTLUAY SİNAN, BAYTAR ORHAN, ŞAHİN ÖMER, Arran Ali
International Engineering and Science Symposium , <http://www.iesspublishing.com/documents/fulltext-book.pdf>
- 14 **p-ter-Bütikaliks[4]arenin Gaz Fazındaki Benzen Adsorpsiyon Kapasitesinin İncelenmesi**
TEMEL FARABİ, KUTLUAY SİNAN, BAYTAR ORHAN, TABAKCI MUSTAFA, ŞAHİN ÖMER
International Natural and Engineering Sciences Congress (IV. INSAC) ,
- 15 **Potasyum Borhidrür Hidrolizinden Hidrojen Üretimi İçin Co-Mn-B Katalizörün Etkinliğinin İncelenmesi**
BAYTAR ORHAN, ŞAHİN ÖMER, DEMİR HALİL, KUTLUAY SİNAN, İZGİ MEHMET SAİT
3rd International Conference on Innovative Academic Studies ,
- 16 **SENTEZLEME SICAKLIĞININ FOTOKATALİTİK BOZUNMA REAKSİYONU ÜZERİNDEKİ ETKİSİ**
HOROZ SABİT, BAYTAR ORHAN
SIVAS INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH , Chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://tr.iksadkongre.com/_files/ugd/614b1f_455744e5d0ce4b5faf84b5eadac4d173.pdf
- 17 **Sodyum Bor Hidrürden Hidrojen Üretiminde Fe 0 Katalizörünün Kullanılması**
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10. ULUSLARARASI TEMİZ ENERJİ SEMPOZYUMU ,
- 18 **SODYUM BORHİDRÜR HİDROLİZİNDE CuFeB KATALİZÖRÜN KULLANILMASI**
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III. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ ,
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BAYTAR ORHAN, ŞAHİN ÖMER, CEYHAN AYHAN ABDULLAH
2. INTERNATIONAL CONFERENCE ON APPLICATION IN CHEMISTRY AND CHEMICAL ENGINEERING (ICACCHE) ,
https://www.icacche.com/sites/default/files/icacche_2018_book_of_proceedings_v3.pdf
- 20 **The Use of Carbon Nanotube-Supported Co-Cu-B Catalyst in the Hydrolysis of Sodium Borohydride**
BAYTAR ORHAN, ŞAHİN ÖMER, GÜR SOY MEHMET
INTERNATIONAL CONFERENCE ON APPLICATION IN CHEMISTRY AND CHEMICAL ENGINEERING ,
- 21 **TOLUEN BUHARININ BADEM KABUĞUNDAN ELDE EDİLEN CHAR ÜZERİNE ADSORPSİYON PROSESİNİN İNCELENMESİ**
KUTLUAY SİNAN, BAYTAR ORHAN, ŞAHİN ÖMER
13. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ , <http://ukmk2018.kongresi.gen.tr/>
- 22 **Toluenin p-ter-Bütikaliks[4]aren Üzerine Adsorpsiyonunda Merkezi Kompozit Tasarımın Uygulanması**
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IV. INSAC International Natural and Engineering Sciences Congress ,

Yeşil Sentez Yöntemi ile Sentezlenen Nanoparçacıkların Sodyum Borhidrür Hidrolizi

EKİNCİ ARZU, BAYTAR ORHAN, ŞAHİN ÖMER

2nd International Conference on Recent Academic Studies ICRAS 2023 ,