

Kişisel Bilgiler

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A new approach for high-yield hydrogen production: Atmospheric pressure vapour-phase catalytic reforming of biomass hydrolysate**
HASANOĞLU A., MERYEMOĞLU B., Irmak S., Kurtuluş M., ERBATUR O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.41, sa.30, ss.12880-12887, 2016 (SCI-Expanded)
- II. **Improving activity of Pt supported metal catalysts by changing reduction method of Pt precursor for hydrogen production from biomass**
Irmak S., MERYEMOĞLU B., OZSEL B. K., HASANOĞLU A., ERBATUR O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.40, sa.43, ss.14826-14832, 2015 (SCI-Expanded)
- III. **Developing Pt based bimetallic and trimetallic carbon supported catalysts for aqueous-phase reforming of biomass-derived compounds**
Kaya B., IRMAK S., HASANOĞLU A., ERBATUR O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.40, sa.10, ss.3849-3858, 2015 (SCI-Expanded)
- IV. **Does reduced or non-reduced biomass feed produce more gas in aqueous-phase reforming process?**
IRMAK S., MERYEMOĞLU B., HASANOĞLU A., ERBATUR O.
FUEL, cilt.139, ss.160-163, 2015 (SCI-Expanded)
- V. **Influence of particle size of support on reforming activity and selectivity of activated carbon supported platinum catalyst in APR**
Meryemoglu B., IRMAK S., HASANOĞLU A., ERBATUR O., Kaya B.
FUEL, cilt.134, ss.354-357, 2014 (SCI-Expanded)
- VI. **Evaluation of various carbon materials supported Pt catalysts for aqueous-phase reforming of lignocellulosic biomass hydrolysate**
Kaya B., IRMAK S., HASANOĞLU A., ERBATUR O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.39, sa.19, ss.10135-10140, 2014 (SCI-Expanded)
- VII. **Hydrogen production from aqueous-phase reforming of sorghum biomass: An application of the response surface methodology**
Meryemoglu B., HASANOĞLU A., Kaya B., IRMAK S., ERBATUR O.
RENEWABLE ENERGY, cilt.62, ss.535-541, 2014 (SCI-Expanded)
- VIII. **Biofuel production by liquefaction of kenaf (*Hibiscus cannabinus* L.) biomass**
Meryemoglu B., HASANOĞLU A., IRMAK S., ERBATUR O.
BIORESOURCE TECHNOLOGY, cilt.151, ss.278-283, 2014 (SCI-Expanded)
- IX. **Gasification efficiencies of cellulose, hemicellulose and lignin fractions of biomass in aqueous media by using Pt on activated carbon catalyst**
IRMAK S., Kurtuluş M., Hasanoglu (Hesenov) A., ERBATUR O.
BIOMASS & BIOENERGY, cilt.49, ss.102-108, 2013 (SCI-Expanded)
- X. **Preparation of activated carbon supported Pt catalysts and optimization of their catalytic activities for hydrogen gas production from the hydrothermal treatment of biomass-derived compounds**
Meryemoglu B., IRMAK S., Hesenou A., ERBATUR O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.37, sa.23, ss.17844-17852, 2012 (SCI-Expanded)

- XI. **Co-processing of Turkish High-Sulfur Coals and Their Blends with a Petroleum Asphalt. Part 1: In the Absence of a Catalyst**
Hasanoglu (Hesenov) A., Gul O., Aksoy P., ERBATUR O.
ENERGY & FUELS, cilt.26, sa.12, ss.7220-7229, 2012 (SCI-Expanded)
- XII. **Effect of support materials on supported platinum catalyst prepared using a supercritical fluid deposition technique and their catalytic performance for hydrogen-rich gas production from lignocellulosic biomass**
Kaya B., IRMAK S., Hesenov A., ERBATUR O., Erkey C.
BIORESOURCES TECHNOLOGY, cilt.123, ss.723-726, 2012 (SCI-Expanded)
- XIII. **Comparison of batch aqueous-phase reforming of glycerol and lignocellulosic biomass hydrolysate**
Meryemoglu B., Kaya B., IRMAK S., Hesenov A., ERBATUR O.
FUEL, cilt.97, ss.241-244, 2012 (SCI-Expanded)
- XIV. **Immunostimulatory activity of polysaccharide-poly(I:C) nanoparticles**
Tincer G., Yerlikaya S., Yagci F. C., Kahraman T., Atanur O. M., ERBATUR O., GÜRSEL İ.
BIOMATERIALS, cilt.32, sa.18, ss.4275-4282, 2011 (SCI-Expanded)
- XV. **Electrolysis of coal slurries to produce hydrogen gas: Relationship between CO₂ and H₂ formation**
Hesenov A., KINIK H., PULL G., Gozmen B., IRMAK S., ERBATUR O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.36, sa.9, ss.5361-5368, 2011 (SCI-Expanded)
- XVI. **Degradations of model compounds representing some phenolics in olive mill wastewater via electro-Fenton and photoelectro-Fenton treatments**
Kaplan F., Hesenov A., GÖZMEN B., ERBATUR O.
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- XVII. **Hydrolysis of kenaf (*Hibiscus cannabinus* L.) stems by catalytical thermal treatment in subcritical water**
ÖZTÜRK İ., IRMAK S., Hesenov A., ERBATUR O.
BIOMASS & BIOENERGY, cilt.34, sa.11, ss.1578-1585, 2010 (SCI-Expanded)
- XVIII. **Aqueous-phase reforming of biomass using various types of supported precious metal and raney-nickel catalysts for hydrogen production**
MERYEMOĞLU B., Hesenov A., IRMAK S., ATANUR O. M., ERBATUR O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.35, sa.22, ss.12580-12587, 2010 (SCI-Expanded)
- XIX. **Study on the stability of supercritical fluid extracted rosemary (*Rosmarinus officinalis* L.) essential oil**
IRMAK S., SOLAKYILDIRIM K., Hesenov A., ERBATUR O.
JOURNAL OF ANALYTICAL CHEMISTRY, cilt.65, sa.9, ss.899-906, 2010 (SCI-Expanded)
- XX. **The effect of additives on hydrosulfurization of dibenzothiophene over bulk molybdenum sulfide: Increased catalytic activity in the presence of phenol**
Guel O., Atanur O. M., ARTOK L., ERBATUR O.
FUEL PROCESSING TECHNOLOGY, cilt.89, sa.4, ss.419-423, 2008 (SCI-Expanded)
- XXI. **Catalytic direct liquefaction of high-sulfur coals and their blends with asphaltite in the absence of a solvent**
Guel O., GAFAROVA P., Hesenov A., SCHOBERT H. H., Erbatur O.
ENERGY & FUELS, cilt.21, sa.4, ss.2216-2225, 2007 (SCI-Expanded)
- XXII. **Ozonation of CI Reactive Red 194 and CI Reactive Yellow 145 in aqueous solution in the presence of granular activated carbon**
Gul S., Ozcan O., Erbatur O.
DYES AND PIGMENTS, cilt.75, sa.2, ss.426-431, 2007 (SCI-Expanded)
- XXIII. **PETR 84-Co-liquefaction of Cayirhan lignite blended with petroleum vacuum residue**
Hesenov A., Guel O., Aksoy P. G., Schobert H., ERBATUR O.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, cilt.232, 2006 (SCI-Expanded)
- XXIV. **Degradation of alkylphenolic compounds in aqueous media by Fenton and ultraviolet induced fenton reaction**

Irmak S., Erbatur O., Kusvuran E.

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- XXV. **Comparison of several advanced oxidation processes for the decolorization of Reactive Red 120 azo dye in aqueous solution**

Kusvuran E., Gulnaz O., Irmak S., Atanur O., Yavuz H., Erbatur O.

JOURNAL OF HAZARDOUS MATERIALS, cilt.109, ss.85-93, 2004 (SCI-Expanded)

- XXVI. **Comparison of the fatty acid composition of the freshwater fish larvae *Tilapia zillii*, the rotifer *Brachionus calyciflorus*, and the microalgae *Scenedesmus abundans*, *Monoraphidium minitum* and *Chlorella vulgaris* in the algae-rotifer-fish larvae food chains**

Isik O., Sarihan E., Kusvuran E., Gul ., Erbatur O.

AQUACULTURE, cilt.174, ss.299-311, 1999 (SCI-Expanded)

Desteklenen Projeler

ERBATUR O., Yükseköğretim Kurumları Destekli Proje, Ultrasonikatör Destekli UV/O₃ İşlemi ile Grafitten Grafen Oksit Elde Edilmesi, 2013 - 2014

HASANOĞLU A., ERBATUR O., Yükseköğretim Kurumları Destekli Proje, Grafen Oksit/ Aramid ve Grafen /Aramid Kompozitlerinin Geliştirilmesi, 2013 - 2014

HASANOĞLU A., ERBATUR O., Yükseköğretim Kurumları Destekli Proje, EPPG ve Nano Metal Yüklü EPPG Elektrotlar Kullanılarak Model Bileşikler ve Organik İçeriği Yüksek Endüstriyel Sulardan Mikrobiyal Elektroliz Aracılığıyla Hidrojen Gazı Üretimi, 2012 - 2014

Metrikler

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