

Kişisel Bilgiler

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Yönetilen Tezler

- Sezgi N. A., Doğu T., Hydrogen production from methanol steam reforming in a microwave reactor, Yüksek Lisans, S.NIKAZAR(Öğrenci), 2019
- Sezgi N. A., Doğu T., Sorption enhanced reforming of ethanol over novel catalysts and microwave reactor application, Yüksek Lisans, M.SARIYER(Öğrenci), 2018
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- DOĞU T., Ethanol steam reforming with zirconia based catalysts, Yüksek Lisans, A.ARSLAN(Öğrenci), 2014
- Sezgi N. A., Doğu T., Catalytic pyrolysis of plastic wastes over SAPO-34 catalyst, Yüksek Lisans, T.BURSALI(Öğrenci), 2014
- DOĞU T., Etherification of biodiesel by-product glycerol to produce fuel oxygenates, Yüksek Lisans, B.İKİZER(Öğrenci), 2014
- DOĞU T., Dimethyl ether from synthesis gas over bifunctional hybrid catalyst mixtures, Yüksek Lisans, A.BAYAT(Öğrenci), 2013
- DOĞU T., Bi-functional nanostructured novel catalysts for dimethyl ether synthesis, Yüksek Lisans, G.ÇELİK(Öğrenci), 2012
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- DOĞU T., Sorption enhanced ethanol reforming over cobalt, nickel incorporated MCM-41 for hydrogen production, Yüksek Lisans, S.GÜNDÜZ(Öğrenci), 2011
- SEZGİ N. A., DOĞU T., Dimethyl ether (DME) synthesis using mesoporous SAPO-34 like catalytic materials, Yüksek Lisans, H.DEMİR(Öğrenci), 2011
- DOĞU T., Direct synthesis of dimethyl ether (DME) from synthesis gas using novel catalysts, Yüksek Lisans, A.ARINAN(Öğrenci), 2010
- SEZGİ N. A., DOĞU T., Synthesis of aluminum incorporated mesoporous catalysts for pyrolysis of polypropylene, Doktora, Z.OBALI(Öğrenci), 2010
- DOĞU T., Nanocomposite nafion and heteropolyacid incorporated mesoporous catalysts for dimethyl ether synthesis from methanol, Yüksek Lisans, A.ÇİFTÇİ(Öğrenci), 2009
- DOĞU T., Dimethyl ether synthesis over novel mesoporous catalysts, Yüksek Lisans, K.CEM(Öğrenci), 2008
- DOĞU T., Kinetic studies for dimethyl ether and diethyl ether production, Doktora, D.VARIŞLI(Öğrenci), 2007
- DOĞU T., Steam reforming of ethanol for hydrogen production using Cu-MCM-41 and Ni-MCM-41 type mesoporous catalytic materials, Yüksek Lisans, E.ÖZDOĞAN(Öğrenci), 2007
- DOĞU T., Synthesis and characterization of Pd-MCM-TYPE mesoporous nanocomposite materials, Yüksek Lisans, C.ŞENER(Öğrenci), 2006
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- I. **Process intensification methods in steam reforming of ethanol with nickel impregnated mesoporous carbon: Microwave heating and sorption enhanced reforming**
SARIYER M., SEZGİ N. A., DOĞU T.
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- II. **Dimethyl ether from syngas and effect of CO₂ sorption on product distribution over a new bifunctional catalyst pair containing STA@SBA-15**
ÇELİK ÖZCAN M., PEKMEZCİ KARAMAN B., OKTAR N., DOĞU T.
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- III. **Heteropolyacid Incorporated Bifunctional Core-Shell Catalysts for Dimethyl Ether Synthesis from Carbon Dioxide/Syngas**
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- IV. **Effects of synthesis route on the performance of mesoporous ceria-alumina and ceria-zirconia-alumina supported nickel catalysts in steam and autothermal reforming of diesel**
Bozda A. A., Sezgi N. A., Doğu T.
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- V. **Bifunctional Silicotungstic Acid and Tungstophosphoric Acid Impregnated Cu-Zn-Al & Cu-Zn-Zr Catalysts for Dimethyl Ether Synthesis from Syngas**
Karaman B. P., OKTAR N., DOĞU G., DOĞU T.
CATALYSIS LETTERS, cilt.150, sa.9, ss.2744-2761, 2020 (SCI-Expanded)
- VI. **Performance comparison of microwave and conventionally heated reactors for sorption enhanced reforming of ethanol over Ni impregnated SBA-15**
Sariyer M., Bozdag A. A., Sezgi N. A., Doğu T.
CHEMICAL ENGINEERING JOURNAL, cilt.377, 2019 (SCI-Expanded)
- VII. **Effect of synthesis media pH and gel separation technique on properties of copper incorporated SBA-15 catalyst**
Akti F., Balci S., DOĞU T.
MATERIALS CHEMISTRY AND PHYSICS, cilt.236, 2019 (SCI-Expanded)
- VIII. **Fifty Years of Moment Technique for Dynamic Analysis of Chemical Reactor Parameters**
DOĞU G., DOĞU T.
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- IX. **Catalytic performances of Ni and Cu impregnated MCM-41 and Zr-MCM-41 for hydrogen production through steam reforming of acetic acid**
Cakiryilmaz N., ARBAĞ H., OKTAR N., DOĞU G., DOĞU T.
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- X. **Role of synthesis media on properties of tin and copper incorporated SBA-15 catalysts and their activity in selective oxidation of ethanol**
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- XI. **Effect of W incorporation on the product distribution in steam reforming of bio-oil derived acetic acid over Ni based Zr-SBA-15 catalyst**
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INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.43, sa.7, ss.3629-3642, 2018 (SCI-Expanded)
- XII. **Hydrogen production over molybdenum loaded mesoporous carbon catalysts in microwave heated reactor system**
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- XIII. **Performance comparison of mesoporous alumina supported Cu & Ni based catalysts in acetic acid reforming**
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- XIV. **Microwave-assisted ammonia decomposition reaction over iron incorporated mesoporous carbon catalysts**
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- XV. **Enhancement of catalytic performance of Ni based mesoporous alumina by Co incorporation in conversion of biogas to synthesis gas**
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- XVI. **Optimization of CO₂/CO Ratio and Temperature for Dimethyl Ether Synthesis from Syngas over a New Bifunctional Catalyst Pair Containing Heteropolyacid Impregnated Mesoporous Alumina**
Bayat A., DOĞU T.
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- XVII. Effect of calcination/reduction temperature of Ni impregnated CeO₂-ZrO₂ catalysts on hydrogen yield and coke minimization in low temperature reforming of ethanol**
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- XVIII. Contribution of Pd Membrane to Dehydrogenation of Isobutane Over a New Mesoporous Cr/MCM-41 Catalyst**
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- XIX. Etherification of glycerol with C-4 and C-5 reactive olefins**
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- XX. Hydrogen by steam reforming of ethanol over Co-Mg incorporated novel mesoporous alumina catalysts in tubular and microwave reactors**
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- XXI. Coke Minimization during Conversion of Biogas to Syngas by Bimetallic Tungsten-Nickel Incorporated Mesoporous Alumina Synthesized by the One-Pot Route**
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- XXII. Effect of synthesis route of mesoporous zirconia based Ni catalysts on coke minimization in conversion of biogas to synthesis gas**
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- XXIII. Steam reforming of ethanol with zirconia incorporated mesoporous silicate supported catalysts**
ARSLAN KELAM A., Gunduz S., DOĞU T.
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- XXIV. Performance of silicotungstic acid incorporated mesoporous catalyst in direct synthesis of dimethyl ether from syngas in the presence and absence of CO₂**
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- XXV. Activity Comparison of Different Solid Acid Catalysts in Etherification of Glycerol with tert-Butyl Alcohol in Flow and Batch Reactors**
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- XXVII. Dimethyl ether, diethyl ether & ethylene from alcohols over tungstophosphoric acid based mesoporous catalysts**
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- XXVIII. Catalytic degradation of polypropylene over alumina loaded mesoporous catalysts**
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- XXXI. **Sorption-Enhanced Reforming of Ethanol over Ni- and Co-Incorporated MCM-41 Type Catalysts**
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- XXXII. **Gas phase reaction kinetics in boron fibre production**
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- XXXIV. **Structural variations of MCF and SBA-15-like mesoporous materials as a result of differences in synthesis solution pH**
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- XXXV. **The synthesis and characterization of aluminum loaded SBA-type materials as catalyst for polypropylene degradation reaction**
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- XXXVI. **Synthesis and characterization of V, Mo and Nb incorporated micro-mesoporous MCM-41 materials**
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- XXXIX. **Dimethyl Ether Synthesis over Novel Silicotungstic Acid Incorporated Nanostructured Catalysts**
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- XL. **Conversion of Biodiesel By-Product Glycerol to Fuel Ethers over Different Solid Acid Catalysts**
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- XLI. **Petrochemicals from ethanol over a W-Si-based nanocomposite bidisperse solid acid catalyst**
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- XLII. **Novel Mesoporous Nanocomposite WO_x-Silicate Acidic Catalysts: Ethylene and Diethylether from Ethanol**
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- XLIII. **Methanol dehydration reaction to produce clean diesel alternative dimethylether over mesoporous aluminosilicate-based catalysts**
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- XLIV. **Mechanism Studies on CVD of Boron Carbide from a Gas Mixture of BCl₃, CH₄, and H₂ in a Dual Impinging-jet Reactor**
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- XLV. **Activity Comparison of MCM-41 and V-MCM-4 Catalysts for Ethanol Selective Oxidation and DRIFTS Analysis**
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- XLVI. **Preface Somer Symposium Series I**
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- XLVII. **Performance of Acidic MCM-Like Aluminosilicate Catalysts in Pyrolysis of Polypropylene**
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- XLVIII. **Dynamic analysis of sorption of Methylene Blue dye on granular and powdered activated carbon**
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- XLIX. **Silicotungstic acid impregnated MCM-41-like mesoporous solid acid catalysts for dehydration of ethanol**
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- L. **Activated carbon-tungstophosphoric acid catalysts for the synthesis of tert-amyl ethyl ether (TAEE)**
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- LI. **Effect of thermal treatments and palladium loading on hydrogen sorption characteristics of single-walled carbon nanotubes**
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- LV. **Ethylene and diethyl-ether production by dehydration reaction of ethanol over different heteropolyacid catalysts**
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- LVII. **Direct hydrothermal synthesis of palladium-incorporated silicate-structured mesoporous catalysts**
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- LVIII. **Alcohols as alternatives to petroleum for environmentally clean fuels and petrochemicals**
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- LIX. **Kinetic investigation of chemical vapor deposition of B₄C on tungsten substrate**
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- LX. **Selective oxidation of H₂S to elemental sulfur over Ce-V mixed oxide and CeO₂ catalysts prepared by the complexation technique**
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- LXI. **Effects of synthesis conditions on the structure of Pd incorporated MCM-41 type mesoporous nanocomposite catalytic materials with high Pd/Si ratios**
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- LXII. **Breakthrough analysis for CO₂ removal by activated hydrotalcite and soda ash**
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- LXIII. **Ethylene and acetaldehyde production by selective oxidation of ethanol using mesoporous V-MCM-41 catalysts**
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

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