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Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2018 - Continues

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2015 - 2018

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2009 - 2015

Research Areas

Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.377, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Steam Reforming of Ethanol with Nickel Impregnated Silica Aerogel**
Sariyer M., Sezgi N. A. , Doğu T.
NCC8-National Catalysis Congress, Ankara, Turkey, 9 - 12 September 2021
- II. **The Effect of Synthesis Parameters for the Mesoporous Carbons Using Silica Aerogel Templates**
SARIYER M., SEZGİ N. A. , Doğu T.
2019 MRS Spring Meeting and Exhibit, Phoenix, United States Of America, 22 - 26 April 2019
- III. **Comparison of Performances of Microwave and Conventionally Heated Reactors in Sorption Enhanced Reforming of Ethanol over Ni Incorporated Mesoporous Catalysts**

Sariyer M., Sezgi N. A. , Doğu T.

XXIX Interamerican Congress of Chemical Engineering Incorporating the 68th Canadian Chemical Engineering Conference, Ontario, Canada, 28 - 31 October 2018

- IV. **Etanolün Adsorpsiyon Destekli Reformlanmasına Katalizör ve Sorbent Sıralamasının Etkisi**
SARIYER M., SEZGİ N. A. , Doğu T.
UKMK 13, Turkey, 3 - 06 September 2018
- V. **The Effect of Divided Section Packing Concept on Hydrogen Purity in Sorption Enhanced Steam Reforming of Ethanol**
SARIYER M., SEZGİ N. A. , Doğu T.
EMCC 9, 31 August - 02 September 2018
- VI. **Performances of Microwave and Conventionally Heated Reactors in Sorption Enhanced Reforming of Ethanol over Ni Impregnated SBA-15**
Sariyer M., Arslan Bozdağ A., Sezgi N. A. , Doğu T.
ISCRE 25, Florence, Italy, 20 - 23 May 2018
- VII. **Effect of Nickel impregnated Catalyst Supports on Hydrogen Yield in the Ethanol Steam Reforming Reaction**
SARIYER M., SEZGİ N. A. , Doğu T.
4th Anatolian School of Catalysis, 11 - 14 September 2017
- VIII. **Sorption Enhanced Steam Reforming of Ethanol with Ceria-SBA-15 Supported Nickel Catalysts**
SARIYER M., ARSLAN BOZDAĞ A., SEZGİ N. A. , Doğu T.
2nd International Hydrogen Technologies Congress, 15 - 18 March 2017
- IX. **Ni SBA 15 Katalizörü Üzerinde Adsorpsiyon Destekli Buharlı Etanol Reformlanmanın Elektrik Isıtmalı ve Mikrodalga Reaktörde İncelenmesi**
SARIYER M., ARSLAN BOZDAĞ A., SEZGİ N. A. , Doğu T.
12. Ulusal Kimya Mühendisliği Kongresi, Turkey, 23 - 26 August 2016
- X. **Sorption Enhanced Steam Reforming of Ethanol Over Ni Impregnated SBA 15 Catalys**
SARIYER M., ARSLAN BOZDAĞ A., SEZGİ N. A. , Doğu T.
The 6 th Catalysis Conference, Turkey, 27 - 30 April 2016
- XI. **Effect of metal incorporation on the structural properties of SBA 15**
SARIYER M., Aslan A., SEZGİ N. A. , Dogu T.
PPM 2015, 15 - 18 September 2015
- XII. **Sorption enhanced reforming of ethanol in a microwave reactor**
Dogu T., Aslan A., SARIYER M., SEZGİ N. A.
12th international conference on gas-liquid and gas-liquid-solid reactor engineering, 28 June - 01 July 2015

Supported Projects

SEZGİ N. A. , SARIYER M., Project Supported by Higher Education Institutions, Karbon Bazlı Katalizörler İle Mikrodalga ve Elektrik Isıtmalı Reaktörlerde Etanolün Buharlı Reformlanması İle Yüksek Verimde Hidrojen Üretimi, 2022 - Continues

SEZGİ N. A. , SARIYER M., Project Supported by Higher Education Institutions, Etanolün Döngüsel Adsorpsiyon Destekli Buharlı Reformlanması, 2021 - 2022

SEZGİ N. A. , SARIYER M., Project Supported by Higher Education Institutions, Mikrodalga Reaktörde Adsorpsiyon Destekli Buharlı Etanol Reformlanmasından Hidrojen Üretimi, 2017 - 2017

Metrics

Publication: 13

Citation (WoS): 9

Citation (Scopus): 10

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H-Index (Scopus): 1