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Education Information

Doctorate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2020 - Continues

Postgraduate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2017 - 2020

Dissertations

Postgraduate, Development of Mesoporous Alumina Supported Catalysts For The Dry Reforming Reaction Of Methane, Gazi University, Mühendislik Fakültesi, 2020

Research Areas

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of ceria content in Ni-Ce-Al catalyst on catalytic performance and carbon/coke formation in dry reforming of CH₄**
DOĞAN M. Y., ARBAĞ H., TAŞDEMİR H. M., YAŞYERLİ N., YAŞYERLİ S.
International Journal of Hydrogen Energy, vol.48, no.60, pp.23013-23030, 2023 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. Doğan M. Y., Durul E. E., Dokumacı B., Işıldak Z., Günel M., Özçelik S. S., Taşdemir H. M.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.295
- II. **Investigation of Resistances of Nickel-Cobalt Catalysts to Sulfur in the Dry Reforming Reaction of Methane**
Altundağ B., Erarslan Z. G., Kılıç E., Tansu S., Tüfekçi S., Doğan M. Y., Akansu H., Arbağ H.
VIII International Russian-Kazakh Scientific and Practical Conference-Chemical Technologies of Functional Materials (Virtual), Almati, Kazakhstan, 28 - 29 April 2022
- III. **Dry Reforming of Methane Over Ni-Ce-Al-O Catalysts Having Different Amount of Ceria**

Dođan M. Y., Arbađ H., Tařdemir H. M., Yařyerli N., Yařyerli S.

International Hydrogen Technologies Congress, anakkale, Turkey, 23 - 26 January 2022, pp.238-240

IV. Comparison of Mo and Mg Incorporation Effect on Nickel-Based Catalysts for Dry Reforming of Biogas

Akansu H., Dođan M. Y., Arbađ H., Tařdemir H. M., Yařyerli N.

8th National Catalysis Congress (NCC-8), Ankara, Turkey, 9 - 12 September 2021

V. Metanın Kuru Reformlanma Reaksiyonunda Farklı Destek Malzemeleri Kullanılarak Ni İerikli Hazırlanan Katalizrlerin Aktiviteye Etkisi

Dođan M. Y., Akansu H., Arbađ H., Tařdemir H. M., Yařyerli N., Yařyerli S.

32. Ulusal Kimya Kongresi, Eskiřehir, Turkey, 17 - 19 September 2020

VI. Performance of Modified Sol-Gel Alumina Supported Ni Catalysts in Dry Reforming of Methane: Effect of Cerium Incorporation

DOĐAN M. Y., ARBAĐ H., YAŐYERLİ N.

4th Porous Powder Materials Symposium and Exhibition, Muđla, Turkey, 9 - 11 October 2019

VII. Effect of cerium in dry reforming of methane by Modified Sol-Gel Alumina Supported Ni Catalysts

DOĐAN M. Y., YAŐYERLİ N., ARBAĐ H.

5th Anatolian School of Catalysis (ASC-5), İzmir, Turkey, 8 - 11 September 2019

VIII. Activity of Modified Sol-Gel Alumina Supported Ni Catalysts in Dry Reforming of Methane

DOĐAN M. Y., ARBAĐ H., YAŐYERLİ N.

4th International Hydrogen Technologies Congress (IHTEC 2019), Edirne, Turkey, 20 - 23 June 2019

Supported Projects

Arbađ H., Yařyerli N., Yařyerli S., Tařdemir H. M., TUBITAK Project, 2019 - 2021

Arbađ H., Dođan M. Y., Yařyerli N., Project Supported by Higher Education Institutions, Metanın Kuru Reformlanma Reaksiyonu İin Mezogzenekli Almina Destekli Katalizrlerin Geliřtirilmesi, 2019 - 2020

Metrics

Publication: 10