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Education Information

Undergraduate, Anadolu University, Açıköğretim Fakültesi, Yönetim Bilişim Sistemleri Bölümü, Turkey 2021 - Continues
Doctorate, Bilecik Seyh Edebali University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 2015 - Continues

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 2012 - 2015

Undergraduate, Anadolu University, İşletme Fakültesi (Açıköğretim), İşletme Pr. (Açıköğretim), Turkey 2009 - 2013

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2008 - 2012

Dissertations

Postgraduate, Bor içerikli mezogözenekli SBA-15 katalizörlerinin sentezi ve karakterizasyonu, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A detailed surface characterization study of SBA-15 and B-SBA-15-x mesoporous materials using the IGC technique**
YARBAŞ T., ÇITAK A.
International Journal of Adhesion and Adhesives, vol.118, 2022 (SCI-Expanded)
- II. **Using contact angle measurement technique for determination of the surface free energy of B-SBA-15-x materials**
ÇITAK A., YARBAŞ T.
International Journal of Adhesion and Adhesives, vol.112, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **CO₂ Methanation Over Ni-Sepiolite Catalysts**
YARBAŞ T., AYAS N.
Avrupa Bilim ve Teknoloji Dergisi, no.28, pp.1399-1403, 2021 (Peer-Reviewed Journal)
- II. **Synthesis, Characterization and Comparison of Cr-SBA-15 Materials Synthesized by Direct Hydrothermal Synthesis Method**

YARBAŞ T., ÇITAK A.

International Journal of Innovative Research in Science, Engineering and Technology, vol.5, no.12, pp.213-220, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The activity of zeolite-supported nickel catalyst in CO₂ hydrogenation to produce CH₄**
YARBAŞ T., AYAS N.
16TH INTERNATIONAL COMBUSTION SYMPOSIUM, Aydın, Turkey, 8 - 11 September 2022
- II. **Methanation of carbon dioxide using sepiolite supported Nickel catalysts**
YARBAŞ T., AYAS N.
1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021, pp.1061
- III. **Synthesis, Characterization and Determining the Surface Energy of Mesoporous Materials by Using Contact Angle Technique**
ÇITAK A., YARBAŞ T.
5th International Conference on Engineering Sciences, Ankara, Turkey, 19 September 2019, pp.81-82
- IV. **Synthesis, Characterization and Determining the Dispersive Surface Energy of Purely SBA-15 and B-SBA-15-x Samples by Inverse Gas Chromatography (IGC)**
ÇITAK A., YARBAŞ T.
5th International Conference on Engineering Sciences, Ankara, Turkey, 19 September 2019, pp.99-100