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Research Areas

Chemical Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Hydrogen adsorption on Co²⁺ - and Ni²⁺- exchanged -US-Y and -ZSM-5. A combined sorption, DR UV-Vis, synchrotron XRD and DFT study**
Sarohan N., Ozbek M. O., Kaya Y., Abdellatif M., İpek Torun B.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.75, pp.32181-32201, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **EFFECT OF Co²⁺ AND Ni²⁺ CATIONS ON H₂ STORAGE PROPERTIES OF ZEOLITES**
Sarohan N., Özbek M. O., İpek Torun B.
20th International Zeolite Conference, Valencia, Spain, 3 - 08 July 2022
- II. **High H₂ Uptake on Co(II)- and Ni(II)- exchanged ZSM-5 and US-Y having Optimal Heat of Adsorption Values**
SAROHAN N., ÖZBEK M. O., KAYA Y., İPEK TORUN B.
23rd World Hydrogen Energy Conference, İstanbul, Turkey, 26 - 30 June 2022
- III. **The Optimal Isothermic Heat of H₂ Adsorption on Co(II)- and Ni(II)- exchanged ZSM-5 and US-Y**
Sarohan N., İpek Torun B.
5th International Hydrogen Technologies Congress, Niğde, Turkey, 26 - 28 May 2021

Metrics

Publication: 5