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Research Areas

Adsorption Spectroscopy, Atomic Mass Spectrometry

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determination of copper and cobalt in different tea samples at trace levels by FAAS after preconcentration with a novel iron PAMAM-OH-encapsulated magnetic nanoparticle as SPE sorbent**
YILMAZ Ö., KOYUNCU İ.
Analytical Sciences, vol.40, no.4, pp.633-641, 2024 (SCI-Expanded)
- II. **Metal adsorption properties of multi-functional PAMAM dendrimer based gels**
BASKIN D., YILMAZ Ö., İslam M. N., TÖLÜ M., KOYUNCU İ., EREN T.
JOURNAL OF POLYMER SCIENCE, vol.59, no.14, pp.1540-1555, 2021 (SCI-Expanded)
- III. **Accurate and Precise Determination of Gold in Plating Bath Solution: Deep Eutectic Solvent Based Liquid Phase Microextraction–Slotted Quartz Tube–Flame Atomic Absorption Spectrometry**
Yılmaz Ö., Durak B. Y., Tekin Z., Koçoğlu E. S., Bakırdere S.
Analytical Letters, vol.53, no.2, pp.165-173, 2020 (SCI-Expanded)
- IV. **Determination of indium in lettuce samples using hydrogen supported-T-cut-slotted quartz tube-atom trap-flame atomic absorption spectrometry**
Kapukıran F., YILMAZ Ö., Tekin Z., Büyükpınar Ç., Özdoğan N., BAKIRDERE S.
Chemistry Letters, vol.49, no.3, pp.276-279, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Development of a sensitive and accurate dispersive liquid – liquid microextraction method for the determination of hydroxymethylfurfural in honey samples by high performance liquid chromatography after the optimization by box-behnken design**
YILMAZ Ö., KOÇOĞLU E. S., BAKIRDERE S.
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Greece, 25 September 2018
- II. **Development of a Sensitive and Accurate Dispersive Liquid – Liquid Microextraction Method for the Determination of Hydroxymethylfurfural in Honey Samples by HPLC after the Optimization by BoxBehnken Design**
YILMAZ Ö., KOÇOĞLU E. S., BAKIRDERE S.
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Greece, 25 September 2018
- III. **Investigation of the zinc metal adsorption behaviour of watermelon rinds activated with ZnCl₂ and treated with microwave**
Yılmaz Ö., Kıpçak A. S., Pişkin M. B., Tuğrul N.

Metrics

Publication: 11

Citation (WoS): 2

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 2