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### Research Areas

Adsorption Spectroscopy, Atomic Mass Spectrometry

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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. , Bakirdere S.  
Analytical Letters, vol.53, pp.165-173, 2020 (Journal Indexed in SCI)
- II. **Determination of indium in lettuce samples using hydrogen supported-T-cut-slotted quartz tube-atom trap-flame atomic absorption spectrometry**  
Kapukran F., YILMAZ Ö., Tekin Z., Büyükpınar Ç., Özdoğan N., BAKIRDERE S.  
Chemistry Letters, vol.49, pp.276-279, 2020 (Journal Indexed in SCI)

### 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 ZnCl<sub>2</sub> and treated with microwave**  
Yılmaz Ö., Kıpçak A. S. , Pişkin M. B. , Tuğrul N.  
Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 10 - 13 May 2016, pp.488-492