MD CAFER ÇAKAL

Personal Information

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyomühendislik, Turkey 2005 - 2010

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyomühendislik, Turkey 2001 - 2005

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya, Turkey 1991 - 2001

Foreign Languages

English, C1 Advanced

Research Areas

Chemistry, Analytical Chemistry, Separation Methods, Chromatographic Analysis, Mass Spectroscopy, Physical Chemistry, Functional Polymers, Composites, Polymeric Adsorbents, Polymeric Materials, Natural Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Caution! Contents were hot: Novel biomarkers to detect the heating of fatty acids in residues from pottery use**
Breu A., Türkekul A., Akyol Ş., Bach-Gómez A., ÇAKAL C., İlker M. F., SARI D., SARIALTUN S., Vijande-Vila E., Özbal R.
Journal of Archaeological Science, vol.159, 2023 (SCI-Expanded)

II. **The development of methacrylic acid based monolithic discs used in the microfluidic chips for application in the determination of catecholamines**
ALTUN M., ÇAKAL C., Caglar P.
SENSORS AND ACTUATORS B-CHEMICAL, vol.208, pp.164-172, 2015 (SCI-Expanded)

III. **Microchip extraction of catecholamines using a boronic acid functional affinity monolith**
ÇAKAL C., Ferrance J. P., Landers J. P., Caglar P.
ANALYTICA CHIMICA ACTA, vol.690, no.1, pp.94-100, 2011 (SCI-Expanded)

IV. **Development of a micro-total analysis system (mu-TAS) for the determination of catecholamines**
ÇAKAL C., Ferrance J. P., Landers J. P., Caglar P.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.398, no.5, pp.1909-1917, 2010 (SCI-Expanded)

Supported Projects

ÇAKAL C., Project Supported by Higher Education Institutions, Türkiye Doping Kontrol Merkezinin Yenilenmesi ve Akreditasyonu-Kısım 2, 2012 - 2015

Metrics

Publication: 4
Citation (WoS): 61
Citation (Scopus): 59
H-Index (WoS): 2
H-Index (Scopus): 2