Turkish Journal of Analytical Chemistry 2025

Volume: 7

Issue: 1

Contents

Research Articles

Investigation of antioxidant and anticholinesterase activity of <i>Hypericum Perforatum</i> L. extracts	1–8
Demet Dincel*, Yasin Darı, Cagla Kizilarslan Hancer, Nur B. Onal, Murat Kartal, Gulacti Topcu	
Sensory and physicochemical characteristics of mulberry leathers enriched with sesame, almond, sunflower seeds, coconut, and peanut Burak Güler, Cemalettin Baltacı*, Murat Küçük, Huri İlyasoğlu, Turgut Şahinöz, Omer Karpuz, Fırat Yılmaz, Kağan Kılınç	9–21
Highly efficient hexavalent chromium removal using nano-Fe ₃ O ₄ /pomegranate peel biochar/alginate composite as an advanced biosorbent** §erife Parlayıcı, Erol Pehlivan*	2 2–32
Catalytic co-pyrolysis of PET/PP plastics and olive pomace biomass with marble sludge catalyst** Esra Yel*, Merve Kalem, Gamze Goktepeli, Afra Kurt, Gulnare Ahmetli, Vildan Onen	3 3– 4 5
Determination of heavy metals and pesticide residue in soil, plant and water using QuEChERS method and design of experiment along Asa-River Tributary L. B. Abdulra'uf, S. W. Olokoba*	46-54
Characterisation of a new mesoporous active nanocarbon obtained by hazelnut shell charcoal Hakan Akgün*, Birsen Şengül Oksal, Adile Bektaş, Hakan Bektaş	55–60

Reviews

Theoretical and applied potential of artificial intelligence and machine learning in analysing molecular data

Fatih Mehmet Avcu*

61–70

^{*}Author of correspondence:

^{**} The paper was presented at the 6th International Environmental Chemistry Congress, EnviroChem 05-08 November 2024, Trabzon Türkiye.