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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Magnetic solid phase extraction of methiocarb pesticide from food samples prior to HPLC analysis with magnetic activated carbon cloth/zinc aluminate (magnetic ACC@ZnAl₂O₄) composite**
Ahmed H. E. H., KHAN M., GÜMÜŞ Z. P., Soylak M.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, 2024 (SCI-Expanded)
- II. **Maximizing detection sensitivity of levofloxacin and tryptophan in dairy products: a carbon-based electrochemical sensor incorporating Ti₃AlC₂ MAX phase and activated nanodiamonds**
Kholafazadehastamal G., KHAN M., SOYLAK M., ERK N.
Carbon Letters, vol.34, no.3, pp.929-940, 2024 (SCI-Expanded)
- III. **Ultraviolet Photodegradation of Ciprofloxacin Using Zinc Oxide and Iron-Doped Zinc Oxide (Fe-ZnO) Nanoparticles (NPs): Kinetic and Isotherm Measurements**
Tasleem F., Manzoor S., Tasleem S., Khan M., Khan S. A., Nishan U., Sabir N., Khan A. A., Imran M., Badshah A., et al.
ANALYTICAL LETTERS, 2024 (SCI-Expanded)
- IV. **Microextraction/Extraction Procedures for Aluminum in Food and Environmental Samples: A Review**
KHAN M., Akhtar F., Badshah A., ALOthman Z. A., Soylak M.
ANALYTICAL LETTERS, 2024 (SCI-Expanded)
- V. **Magnetic Adsorbent Decorated with Poly(N-Isopropylacrylamide) (PNIPAM) Brushes for the Vortex-Assisted Solid Phase Extraction (VASPE) of Lead in Water, Cigarettes and Soil with High-Resolution Continuum Source Flame Atomic Absorption Spectrometry (HR-CS FAAS) Detection**
KHAN M., Alosmanov R., Wolski K., Zapotoczny S., SOYLAK M.
Analytical Letters, vol.57, no.3, pp.327-341, 2024 (SCI-Expanded)
- VI. **Metal organic framework composite (Ti₃AlC₂ @ZIF-67) for vortex assisted solid phase extraction of lead from water and food samples**
KORI A. H., KHAN M., Soylak M.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.125, 2024 (SCI-Expanded)
- VII. **Supramolecular solvent based liquid-liquid microextraction and preconcentration of aluminum in water and biological samples**
Kori A. H., KHAN M., SOYLAK M.
Journal of the Iranian Chemical Society, vol.20, no.10, pp.2579-2586, 2023 (SCI-Expanded)
- VIII. **Switchable hydrophilicity solvent based microextraction of mercury from water, fish and hair samples before its spectrophotometric detection**
SOYLAK M., Ahmed H. E. H., KHAN M.
Sustainable Chemistry and Pharmacy, vol.32, 2023 (SCI-Expanded)
- IX. **Ti₃AlC₂ max phase- graphene oxide (GO) nanocomposite for selective solid phase microextraction of palladium in environmental samples and medical appliances prior to its detection with high-resolution continuum source flame atomic absorption spectrometry (HR-CS-FAAS)**
KHAN M., SOYLAK M.
Microchemical Journal, vol.185, 2023 (SCI-Expanded)

- X. **Deep Eutectic Solvent Based Liquid-Liquid Microextraction of Mercury in Water, Hair and Fish with Spectrophotometric Determination: A Green Protocol**
KHAN M., Soylak M.
ANALYTICAL LETTERS, vol.56, no.7, pp.1161-1173, 2023 (SCI-Expanded)
- XI. **Fe₃O₄-Ti₃AlC₂ max phase impregnated with 2-(5-Bromo-2-pyridylazo-5-(diethylamino) phenol for magnetic solid phase extraction of Cadmium, lead and cobalt from water and food samples**
KHAN M., ÖZALP Ö., Khan M., SOYLAK M.
Journal of Molecular Liquids, vol.368, 2022 (SCI-Expanded)
- XII. **Photocatalytic assessed adsorptive removal of tinidazole from aqueous environment using reduced magnetic graphene oxide-bismuth oxychloride and its silver composite**
Sohani S., Ara B., Khan H., Gul K., Khan M.
ENVIRONMENTAL RESEARCH, vol.215, 2022 (SCI-Expanded)

Metrics

Publication: 12

Citation (Scopus): 2

H-Index (Scopus): 1