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## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Ultrasound assisted-cloud point extraction coupled with spectrophotometry for determination of low levels of formaldehyde from milk-based products**  
Kartal Temel N.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.126, 2024 (SCI-Expanded)
- II. **Comparison of the effect of various carbon-based nanomaterials for the removal of Cu<sup>2+</sup> ions from aqueous solutions**  
Temel N., Sertakan K. S.  
Chemical Papers, vol.78, no.2, pp.833-849, 2024 (SCI-Expanded)
- III. **Determination of trace cobalt (II) in spices samples by ultrasonic assisted cloud point extraction with spectrophotometry**  
Temel N. K., Çöpür M.  
Journal of Molecular Structure, vol.1284, 2023 (SCI-Expanded)
- IV. **An indirect method for the analysis of bisphenol A, as a Mn(III)-chelate complex, in milk samples by ultrasound assisted-cloud point extraction/flame atomic absorption spectrometry**  
Temel N., GÜRKAN R.  
ANALYTICAL METHODS, vol.14, no.26, pp.2596-2607, 2022 (SCI-Expanded)
- V. **Manganese sensitised-indirect determination of melamine in milk-based samples by flame atomic absorption spectrometry coupled with ultrasound assisted-cloud point extraction**  
Gürkan R., Kartal Temel N.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.100, no.2, pp.152-174, 2020 (SCI-Expanded)
- VI. **Application of Ultrasound-Assisted Cloud-Point Extraction and Spectrophotometry for Preconcentration and Determination of Trace Amounts of Copper(II) in Beverages**  
Temel N. K., GÜRKAN R.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.74, no.12, pp.1174-1183, 2019 (SCI-Expanded)
- VII. **A new ion-pair ultrasound assisted-cloud point extraction approach for determination of trace V(V) and V(IV) in edible vegetal oils and vinegar by spectrophotometry**  
Temel N., Kus B., GÜRKAN R.  
MICROCHEMICAL JOURNAL, vol.150, 2019 (SCI-Expanded)
- VIII. **Preconcentration and Determination of Trace Nickel and Cobalt in Milk-Based Samples by Ultrasound-Assisted Cloud Point Extraction Coupled with Flame Atomic Absorption Spectrometry**  
Temel N., Sertakan K., GÜRKAN R.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.186, no.2, pp.597-607, 2018 (SCI-Expanded)
- IX. **Combination of Ultrasound-Assisted Cloud-Point Extraction with Spectrophotometry for Extraction, Preconcentration, and Determination of Low Levels of Free Formaldehyde from Cosmetic Products**  
Temel N., GÜRKAN R.  
JOURNAL OF AOAC INTERNATIONAL, vol.101, no.6, pp.1763-1772, 2018 (SCI-Expanded)
- X. **Preconcentration and Determination of Trace Vanadium(V) in Beverages by Combination of**

**Ultrasound Assisted-cloud Point Extraction with Spectrophotometry**

Temel N., GÜRKAN R.

ACTA CHIMICA SLOVENICA, vol.65, no.1, pp.138-149, 2018 (SCI-Expanded)

- XI. **Using Safranin T as a Charge Transfer-Sensitive Ion-Pairing Reagent in Ultrasound-Assisted Cloud Point Extraction: Determination of Bisphenol A in Selected Beverages**  
Temel N., GÜRKAN R.  
JOURNAL OF AOAC INTERNATIONAL, vol.101, no.1, pp.277-287, 2018 (SCI-Expanded)
- XII. **Extraction, Preconcentration, and Quantification of Low Levels of Free Formaldehyde from Some Beverage Matrices by Combination of Ultrasound-Assisted-Cloud Point Extraction with Spectrophotometry**  
Temel N., GÜRKAN R.  
FOOD ANALYTICAL METHODS, vol.10, no.12, pp.4024-4037, 2017 (SCI-Expanded)
- XIII. **A micellar sensitized kinetic method for quantification of low levels of bisphenol A in foodstuffs by spectrophotometry**  
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- XIV. **Photocatalytic TiO<sub>2</sub>-catalyzed degradation of bromophenol blue-mediated Mo(VI)-peroxo complexes in the presence of SDS**  
KARTAL TEMEL N., GÜRKAN R., Ayan F.  
DESALINATION AND WATER TREATMENT, vol.57, no.44, pp.21083-21090, 2016 (SCI-Expanded)
- XV. **Catalytic spectrophotometric determination of trace Mo(VI) in milk-based beverages in the presence of bromophenol blue and H<sub>2</sub>O<sub>2</sub> using SDS as a sensitizer**  
Temel N., GÜRKAN R.  
ANALYTICAL METHODS, vol.8, no.33, pp.6284-6292, 2016 (SCI-Expanded)
- XVI. **New catalyst systems for the degradation of chlorophenols**  
KARTAL TEMEL N., Sokmen M.  
DESALINATION, vol.281, pp.209-214, 2011 (SCI-Expanded)
- XVII. **Investigation of the antioxidant properties of *Ferula orientalis* L. using a suitable extraction procedure**  
Kartal N., Sokmen M., Tepe B., Daferera D., Polissiou M., Sokmen A.  
FOOD CHEMISTRY, vol.100, no.2, pp.584-589, 2007 (SCI-Expanded)
- XVIII. **In vitro antibacterial, antifungal, and antioxidant activities of the essential oil and methanol extracts of herbal parts and callus cultures of *Satureja hortensis* L.**  
Gulluce M., Sokmen M., Daferera D., Agar G., Ozkan H., Kartal N., Polissiou M., Sokmen A., Sahin F.  
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- XIX. **Photo-degradation of some dyes using Ag-loaded titaniumdioxide**  
Sokmen M., Allen D., Akkas F., Kartal N., Acar F.  
WATER AIR AND SOIL POLLUTION, vol.132, pp.153-163, 2001 (SCI-Expanded)