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A magnetic nanocomposite based on amine-functionalized pH-sensitive functional poly(styrene-co-maleic anhydride) copolymer for selective extraction, pre-concentration and determination of sub-trace Ag⁺ and Cu²⁺ ions from edible vegetable oils by a combination of spectrophotometry and ultrasound-assisted cloud point extraction

Zengin, H. B. and Gurkan, R.

Published 2022 | JOURNAL OF THE IRANIAN CHEMICAL SOCIETY

0 Times Cited

Application of a novel poly(SMAm)-Tris-Fe3O4 nanocomposite for selective extraction and enrichment of Cu(I) /Cu(II) from beer, soft drinks and wine samples, and speciation analysis by micro-volume UV-Vis spectrophotometry

Zengin, H. B. and Gurkan, R.

Published 2021 | TALANTA

3 Times Cited

Eco-friendly trace analysis of silver in beer/wine samples using a new co-polymeric nanocomposite based-ultrasound assisted-cloud point extraction combined with spectrophotometry

Zengin, H. B. and Gurkan, R.

Published 2021 | JOURNAL OF FOOD COMPOSITION AND ANALYSIS

3 Times Cited

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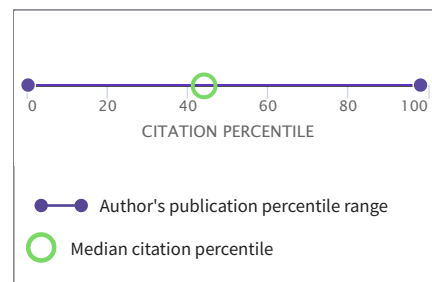
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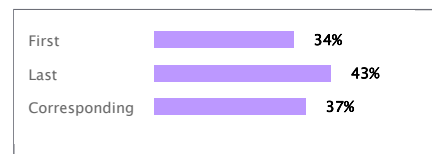
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A New Enrichment Method for Quantification of 5-Hydroxymethylfurfural by Indirect Flame Atomic Absorption Spectrometry in Honey and Jam Samples

[Gurkan, Ramazan](#)

Published 2021 | [JOURNAL OF AOAC INTERNATIONAL](#)

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Selective extraction and enrichment of 5-hydroxymethylfurfural from honey, molasses, jam and vinegar samples prior to sensitive determination by micro-volume UV-vis spectrophotometry

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Selective extraction of Cu⁺ and Cu²⁺ ions from mushroom and lichen samples prior to analysis by micro-volume UV-Vis spectrophotometry: Application of a novel poly (SMIm)-Tris-Fe₃O₄ nanocomposite

[Zengin, H. B.](#); [Marsan, H.](#); [Gurkan, R.](#)

Published 2020 | [JOURNAL OF FOOD COMPOSITION AND ANALYSIS](#)

5

Times
Cited

Bio-sorption of bisphenol a by the dried- and inactivated-lichen (*Pseudovernia furfuracea*) biomass from aqueous solutions

[Senol, Zeynep Mine](#); [Gul, Ulkuye Dudu](#); [Gurkan, Ramazan](#)

Published 2020 |

[JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING](#)

10

Times
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Preparation and application of alcohol based deep eutectic solvents for extraction of curcumin in food samples prior to its spectrophotometric determination

[Altunay, Nail](#); [Elik, Adil](#); [Gurkan, Ramazan](#)

Published 2020 | [FOOD CHEMISTRY](#)

26

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Application of Ultrasound-Assisted Cloud-Point Extraction and Spectrophotometry for Preconcentration and Determination of Trace Amounts of Copper(II) in Beverages

[Temel, Nuket Kartal](#) and [Gurkan, Ramazan](#)

Published 2019 | [JOURNAL OF ANALYTICAL CHEMISTRY](#)

6

Times
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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, Nuket Kartal](#); [Kus, Berna](#); [Gurkan, Ramazan](#)

Published 2019 | [MICROCHEMICAL JOURNAL](#)

12

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Vortex assisted-ionic liquid dispersive liquid-liquid microextraction and spectrophotometric determination of quercetin in tea, honey, fruit juice and wine samples after optimization based on response surface methodology

[Altunay, Nail](#); [Bingol, Deniz](#); (...); [Gurkan, Ramazan](#)

Published 2019 |

[SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY](#)

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Optimization of direct liquid extraction based on response surface methodology

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Determination of Low Levels of Mercury in Seafood by Ultrasound-Assisted Cloud-Point Extraction Combined with Spectrophotometry

[Zengin, H. B.](#) and [Gurkan, R.](#)

Published 2019 | [BIOLOGICAL TRACE ELEMENT RESEARCH](#)

Cited

A novel, green and safe ultrasound-assisted emulsification liquid phase microextraction based on alcohol-based deep eutectic solvent for determination of patulin in fruit juices by spectrophotometry

[Altunay, Nail](#); [Elik, Adil](#); [Gurkan, Ramazan](#)

Published 2019 | [JOURNAL OF FOOD COMPOSITION AND ANALYSIS](#)

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A Simple and Green Microextraction Procedure for Extraction of Morin in Food and Beverages Using Ionic Liquid

[Altunay, Nail](#); [Elik, Adil](#); [Gurkan, Ramazan](#)

Published 2019 | [FOOD ANALYTICAL METHODS](#)

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Natural deep eutectic solvent-based ultrasound-assisted-microextraction for extraction, pre-concentration and analysis of methylmercury and total mercury in fish and environmental waters by spectrophotometry

[Altunay, Nail](#); [Elik, Adil](#); [Gurkan, Ramazan](#)

Published 2019 |

[FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & R](#)

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Manganese sensitised-indirect determination of melamine in milk-based samples by flame atomic absorption spectrometry coupled with ultrasound assisted-cloud point extraction

[Gurkan, Ramazan](#) and [Temel, Nuket Kartal](#)

Published 2020 |

[INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY](#)

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Monitoring of some trace metals in honeys by flame atomic absorption spectrometry after ultrasound assisted-dispersive liquid liquid microextraction using natural deep eutectic solvent

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[Altunay, Nail](#); [Elik, Adil](#); [Gurkan, Ramazan](#)

Published 2019 | [MICROCHEMICAL JOURNAL](#)

Vortex assisted-ionic liquid based dispersive liquid liquid microextraction of low levels of nickel and cobalt in chocolate-based samples and their determination by FAAS

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[Altunay, Nail](#); [Elik, Adil](#); [Gurkan, Ramazan](#)

Published 2019 | [MICROCHEMICAL JOURNAL](#)

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Development of a new analytical method for Pb preconcentration and its further determination in water and foodstuffs using relatively low-sensitivity flame atomic absorption spectrometry

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[Gurkan, Ramazan](#)

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[INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY](#)

Ultrasound-Assisted Low-Density Solvent-Based Dispersive Liquid-Liquid Microextraction Coupled to Spectrophotometry for the Determination of Low Levels of Histamine in Fish and Meat Products

10

Times
Cited

[Elik, Adil](#); [Altunay, Nail](#); [Gurkan, Ramazan](#)

Published 2019 | [FOOD ANALYTICAL METHODS](#)

Preconcentration and Determination of Trace Nickel and Cobalt in Milk-Based Samples by Ultrasound-Assisted Cloud Point Extraction Coupled with Flame Atomic Absorption Spectrometry

12

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[Temel, Nuket Kartal](#); [Sertakan, Kadriye](#); [Gurkan, Ramazan](#)

Published 2018 | [BIOLOGICAL TRACE ELEMENT RESEARCH](#)

Combination of Ultrasound-Assisted Cloud-Point Extraction with Spectrophotometry for Extraction, Preconcentration, and Determination of Low Levels of Free Formaldehyde from Cosmetic Products

6

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[Temel, Nuket Kartal](#) and [Gurkan, Ramazan](#)

Published 2018 | [JOURNAL OF AOAC INTERNATIONAL](#)

A new method of UA_CPE coupled with spectrophotometry for the faster and cost-effective detection of proline in fruit juice, honey, and wine

5

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[Dagdeviren, Semahat](#); [Altunay, Nail](#); (...); [Gurkan, Ramazan](#)
Published 2018 | [FOOD CHEMISTRY](#)

Preconcentration and indirect quantification of trace nitrite, nitrate and total nitrite in selected beverage and milk samples using ion-pairing cloud-point extraction with acridine orange's
[Gurkan, Ramazan](#) and [Altunay, Nail](#)
Published 2018 | [JOURNAL OF FOOD COMPOSITION AND ANALYSIS](#)

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Determination of Bisphenol A in Selected Beverages
[Temel, Nuket Kartal](#) and [Gurkan, Ramazan](#)
Published 2018 | [JOURNAL OF AOAC INTERNATIONAL](#)

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Extraction and reliable determination of acrylamide from thermally processed foods using ionic liquid-based ultrasound-assisted selective microextraction combined with spectrophotometry
[Altunay, Nail](#); [Elik, Adil](#); [Gurkan, Ramazan](#)

Published 2018 |

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Preconcentration and Determination of Trace Vanadium(V) in Beverages by Combination of Ultrasound Assisted-cloud Point Extraction with Spectrophotometry

[Temel, Nuket Kartal](#) and [Gurkan, Ramazan](#)

Published 2018 | [ACTA CHIMICA SLOVENICA](#)

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Times
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Simple and fast spectrophotometric determination of low levels of thiabendazole residues in fruit and vegetables after pre-concentration with ionic liquid phase microextraction

[Altunay, Nail](#); [Uluzger, Dilay](#); [Gurkan, Ramazan](#)

Published 2018 |

[FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & R](#)

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Application of simple, fast and eco-friendly ultrasound-assisted-cloud point extraction for pre-concentration of zinc, nickel and cobalt from foods and vegetables prior to their flame atomic absorption spectrometric determinations

[Altunay, Nail](#); [Elik, Adil](#); (...); [Gurkan, Ramazan](#)

Published 2018 |

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Ionic liquid based ion-pairing microextraction combined with spectrophotometry for pre-concentration and quantitation of melamine in milk and milk-based products

[Altunay, Nail](#); [Demir, Ozge](#); [Gurkan, Ramazan](#)

Published 2017 | [LWT-FOOD SCIENCE AND TECHNOLOGY](#)

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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, Nuket Kartal](#) and [Gurkan, Ramazan](#)

Published 2017 | [FOOD ANALYTICAL METHODS](#)

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Indirect determination of the flavor enhancer maltol in foods and beverages through flame atomic absorption spectrometry after ultrasound assisted-cloud point extraction

[Altunay, Nail](#); [Gurkan, Ramazan](#); [Orhan, Ulas](#)

Published 2017 | [FOOD CHEMISTRY](#)

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Development of a New Methodology for Indirect Determination of Nitrite, Nitrate, and Total Nitrite in the Selected Two Groups of Foods by Spectrophotometry

[Altunay, Nail](#); [Gurkan, Ramazan](#); [Olgac, Esra](#)

Published 2017 | [FOOD ANALYTICAL METHODS](#)

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A New Ultrasonic Thermostatic-Assisted Cloud Point Extraction/Spectrophotometric Method for the Preconcentration and Determination of Bisphenol A in Food, Milk, and Water Samples in Contact with Plastic Products

[Yildirim, Emre](#); [Gurkan, Ramazan](#); [Altunay, Nail](#)

Published 2017 | [FOOD ANALYTICAL METHODS](#)

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Extraction, preconcentration and spectrophotometric determination of trace levels of thiosulfate in environmental waters

[Gurkan, Ramazan](#); [Altunay, Nail](#); [Gurkan, Nimet](#)

Published 2017 | [JOURNAL OF THE IRANIAN CHEMICAL SOCIETY](#)

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A micellar sensitized kinetic method for quantification of low levels of bisphenol A in foodstuffs by spectrophotometry

[Temel, Nuket Kartal](#) and [Gurkan, Ramazan](#)

Published 2017 | [ANALYTICAL METHODS](#)

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Speciative determination of total V and dissolved inorganic vanadium species in environmental waters by catalytic-kinetic spectrophotometric method

[Gurkan, Ramazan](#); [Tamay, Aysel](#); [Ulusoy, Halil Ibrahim](#)

Published 2017 | [ARABIAN JOURNAL OF CHEMISTRY](#)

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Simultaneous determination of dissolved inorganic chromium species in wastewater/natural waters by surfactant sensitized catalytic kinetic spectrophotometry

[Gurkan, Ramazan](#); [Ulusoy, Halil Ibrahim](#); [Akca, Mehmet](#)

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A preconcentration method for indirect determination of acrylamide from chips, crackers and cereal-based baby foods using flame atomic absorption spectrometry

[Altunay, Nail](#); [Gurkan, Ramazan](#); [Orhan, Ulas](#)

Published 2016 | [TALANTA](#)

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Combination of Ultrasonic-Assisted Cloud Point Extraction with Flame AAS for Preconcentration and Determination of Trace Amounts of Silver and Cadmium in Dried Nut and Vegetable Samples

[Gurkan, Ramazan](#); [Altunay, Nail](#); [Yildirim, Emre](#)

Published 2016 | [FOOD ANALYTICAL METHODS](#)

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Separation/preconcentration of ultra-trace levels of inorganic Sb and Se from different sample matrices by charge transfer sensitized ion-pairing using ultrasonic-assisted cloud point extraction prior to their speciation and determination by hydride generation AAS

[Altunay, Nail](#) and [Gurkan, Ramazan](#)

Published 2016 | [TALANTA](#)

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A New Ultrasound Assisted-Cloud Point Extraction Method for the Determination of Trace Levels of Tin and Antimony in Food and Beverages by Flame Atomic Absorption Spectrometry

[Altunay, Nail](#); [Gurkan, Ramazan](#); [Yildirim, Emre](#)

Published 2016 | [FOOD ANALYTICAL METHODS](#)

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Application of ultrasonic-assisted cloud point extraction/flame atomic absorption spectrometry (UA-CPE/FAAS) for preconcentration and determination of low levels of antimony in some beverage samples

[Gurkan, Ramazan](#) and [Eser, Merve](#)

Published 2016 | [JOURNAL OF THE IRANIAN CHEMICAL SOCIETY](#)

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Preconcentration and determination of vanadium and molybdenum in milk, vegetables and foodstuffs by ultrasonic-thermostatic-assisted cloud point extraction coupled to flame atomic absorption spectrometry
[Gurkan, Ramazan](#); [Korkmaz, Sema](#); [Altunay, Nail](#)
 Published 2016 | [TALANTA](#)

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