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Education

- ✓ MS, Analytical Chemistry, Sistan and Baluchestan University - 2006
- ✓ PhD, Analytical Chemistry, Sistan and Baluchestan University - 2011

Courses

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|--|--|
| 1. Analytical Chemistry 3 | 2. analytical chemistry |
| 3. Separation Techniques in Analytical Chemistry | 4. analytical chemistry 2 |
| 5. Standardization | 6. statistical methods and experimental design |
| 7. new methods in analytical chemistry | 8. Analytical Atomic Spectroscopy |
| 9. Separation and Purification of Natural Products | 10. Chromatography |

Master Thesis

Journals Papers

2021

1. Magnetic-Nanoparticle-Based Dispersive Micro-Solid Phase Extraction for the Determination of Crystal Violet in Environmental Water Samples

Siroos Shojaei, Mashaallah Rahmani, Mostafa Khajeh, Ahmad Reza Abbasian

ChemistrySelect Volume: (6) 4782 - 4790

2020

2. Salt-assisted solution combustion synthesis of nanostructured ZnFe₂O₄-ZnS powders

Ahmad Reza Abbasian, Mashaallah Rahmani

INORGANIC CHEMISTRY COMMUNICATIONS Volume: (111) 107629 -

2019

3. اندازه گیری میزان نیتروژن در نفت خام و فراورده های نفتی پالایشگاه اصفهان با استفاده از سه متري و نسلر و مقایسه نتیجه های آنها pH روش تیتراسیون مستقیم، تیتراسیون

Massoud Kaykhaii, Mashaallah Rahmani, Mohsen Moradmand, Mojtaba Sadrarhami

Volume: (38) 223 - 229

2018

4. Application of Taguchi L16 design method for comparative study of ability of 3A zeolite in removal of Rhodamine B and Malachite green from environmental water samples

Mashaallah Rahmani, Massoud Kaykhaii,

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY Volume: (188) 164 - 169

5. Development and optimization of chemometric assisted micro-cloud point extraction for preconcentration and separation of Eriochrome black T in water and wastewater samples

Abolfazl Rakhshaniavval, Mashaallah Rahmani,

Desalination and Water Treatment Volume: (120) 173 - 179

2017

6. Application of Dispersive Liquid-Liquid Microextraction in Narrow-Bore Tube for Preconcentration and Spectrophotometric Determination of Cadmium in Aqueous Samples

Mashaallah Rahmani, Massoud Kaykhaii, Malih Harati

eurasian journal of analytical chemistry Volume: (12) 197 - 209

7. Application of response surface methodology for air assisted-dispersive liquid- liquid microextraction of deoxynivalenol in rice samples prior to HPLC-DAD analysis and comparison with solid phase extraction cleanup

Mashaallah Rahmani, Elham Ghasemi,

TALANTA Volume: (165) 27 - 32

8. Comparison of Air-Assisted Vortex-Assisted and Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction for the Determination of BTEX Compounds in Water Samples Prior to GC-FID Analysis

Mashaallah Rahmani, Massoud Kaykhaii, , ,

CHROMATOGRAPHIA Volume: (80) 109 - 117

9. Evaluation of 3A zeolite as an adsorbent for the decolorization of rhodamine B dye in contaminated waters

Mashaallah Rahmani,

Volume: (11) 83 - 89

10. One-Step in-Syringe Dispersive Liquid-Liquid Microextraction and GC-FID Determination of Trace Amounts of di(2-Ethylhexyl) Phthalate and Its Metabolite in Human Urine Samples

shahnaz sargazi, , Mashaallah Rahmani, , ,

JOURNAL OF ANALYTICAL CHEMISTRY Volume: (27) 557 - 561

11. Evaluation of Eucalyptus leaves as an adsorbent for decolorization of Methyl Violet (2B) dye in contaminated waters: Thermodynamic and Kinetics model

, Mashaallah Rahmani, Massoud Kaykhaii,

Modeling Earth Systems and Environment Volume: (3) 825 - 829

2016

12. One-step in-syringe dispersive liquidliquid microextraction and spectrophotometric determination of trace amounts of palladium in aqueous samples

Massoud Kaykhaii, Mashaallah Rahmani,

Volume: (35) 87 - 97

13. Preconcentration and Determination of Trace Amounts of Aromatic Compounds in Non-alcoholic Beer Samples by In-syringe Dispersive liquidliquid Microextraction

Mashaallah Rahmani, Massoud Kaykhaii, Elham Ghasemi, Mohadeseh Tahernarnajad

Journal of Applied Chemical Research Volume: (10) 87 - 95

2015

14. Application of in-syringe dispersive liquid-liquid microextraction and narrow-bore tube dispersive liquid-liquid microextraction for the determination of trace amounts of benzene toluene ethylbenzene and xylene isomers in water samples prior to gas chromatographic analysis

Mashaallah Rahmani, Massoud Kaykhaii, , Mohadeseh Tahernarnajad

JOURNAL OF CHROMATOGRAPHIC SCIENCE Volume: (53) 1210 - 1216

15. Application of In-Syringe Dispersive LiquidLiquid Microextraction Coupled to GC/FID for Determination of Trace Contamination of Phthalate Esters in Water Samples

, , Mashaallah Rahmani,

JOURNAL OF CHROMATOGRAPHIC SCIENCE Volume: (53) 1420 - 1426

16. Application of in-syringe dispersive liquid-liquid microextraction and narrow-bore tube dispersive liquid-liquid microextraction for the determination of trace amounts of BTEX in water samples

Mashaallah Rahmani, Massoud Kaykhaii, Elham Ghasemi, Mohadeseh Tahernarnajad

JOURNAL OF CHROMATOGRAPHIC SCIENCE Volume: (53) 1210 - 1216

2014

17. استفاده از تکنیک میکرواستخراج فاز جامد-کوپل شده با کروماتوگرافی گازی اسپکترومتری جرمی برای استخراج، تغلیظ و شناسایی ترکیبات فرار آزاد شده در اثر تخریب ترمواکسیداسیونی پلی متیل متا کريلات

Mashaallah Rahmani, Massoud Kaykhaii

Volume: () 57 - 70

18. Determination of BTEX compounds in fruit juices by gas chromatography after their extraction and preconcentration by narrow-bore tube dispersive liquid liquid microextraction

Mashaallah Rahmani, Massoud Kaykhaii

Journal of Applied Chemical Research Volume: () 25 - 32

2013

19. کاربرد میکرواستخراج مایع- مایع پخششی در یک لوله باریک برای استخراج و پیش تغلیظ ترکیبات آروماتیک بنزنی از نمونه های آب میوه قبل از اندازه گیری آنها با کروماتوگرافی گازی مؤئنه

Mashaallah Rahmani, Massoud Kaykhaii

Volume: (7) 25 - 32

2011

20. Determination of methylcyclopentadienyl-manganese tricarbonyl in gasoline and water via ionic-liquid headspace single drop microextraction and electrothermal atomic absorption spectrometry

Mashaallah Rahmani, Massoud Kaykhaii

MICROCHIMICA ACTA Volume: (174) 413 - 419

Conferences Papers

2011

1. Ionic liquid based headspace single drop microextraction combined with electrothermal atomic absorption spectrometry for sensitive detection of methylcyclopentadienyl-manganese tricarbonyl in gasoline samples

Mashaallah Rahmani, Massoud Kaykhaii