مشخصات فردی

نام : میر مهدی
نام خانوادگی : ابوالقاسمی
تاریخ تولد : ۱۳۵۵
شروع به خدمت : ۱۳۹۰
واحد سازمانی : دانشیار
درجه / رتبه : دکترا
گروه آموزشی : شیمی
تلفن داخلی : ۱۰۶
تلفن مستقیم : ۳۷۲۷۸۹۰۰
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محل تحصیل : دانشگاه رازی
تاریخ ایجاد : پنجم مرداد ۱۳۹۴
تاریخ بروزرسانی : بیست و ششم اردیبهشت ۱۳۹۶

: Google Scholar Link

بیوگرافی

توضیحات

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سوابق تحصیلی

1- PhD: Analytical Chemistry Razi University of Kermanshah
PhD Thesis:
a) Fabrication SPME fiber (base on nanocomposite materials polymers) for determination organic compounds.
b) Fabrication INCAT devise (base on nanocomposite materials polymers) for determination organic compounds.
c) A Comparative Study of Hydrodistillation and Hydrodistillation–Microwave Solvent Microextraction Methods for Identification of Volatile Components
2-MSc- Analytical Chemistry Lurestan University
MSc Thesis:
a) **Preparation of a novel optical sensor base on agarose membranes as support**
b) **Hydrodistillation–Solvent Microextraction and GC–MS for Identification of Volatile Components of medicinal plants**
3- BS. Chemistry Tbriz University- IRAN

اختراعات

کارگاه ها

- Special Operator of GC-MS.
- Special Operator of HPLC

علایق

- Nanochemistry
- Special Operator of GC-MS.
- Special Operator of HPLC
- UV-visible spectroscopy.
- Absorbtion Atomic spectroscopy
- Capillary electrophoresis
- Packing of HPLC Column
- Phytochemistry

طرح درس

زمینه های پژوهشی

- Nanochemistry
- Special Operator of GC-MS.
- Special Operator of HPLC
- UV-visible spectroscopy.
- Absorbtion Atomic spectroscopy
- Capillary electrophoresis
- Packing of HPLC Column
- Phytochemistry

همکاری با تحریریه مجلات علمی

1-Analytical Chemistry(ACS)
2-Journal of chromatography A (Elsevier)
3-Analytica chimica Acta (Elsevier)
4-Journal of hazardous materials (Elsevier)
5-Natural product research (Taylor)

پروژه های تحقیقاتی خارج از دانشگاه

پروژه های تحقیقاتی

عضویت در کمیته ها و شوراها

1- عضو کمیته تخصصی دانشگاه
2- عضو کمیته علمی جذب اعضاء هیأت علمی

عضویت در مجامع علمی و انجمن ها

- عضو انجمن شیمی ایران

تشویق ها

1- دانشجوی نمونه کارآفرین دانشگاه تبریز
2- دانشجوی نمونه پژوهشی دوره کارشناسی ارشد دانشگاه رازی
3- دانشجوی نمونه دوره دکتری

پست های اجرایی

1- معاون نظارت و سنجش استان لرستان (دانشگاه جامع علمی کاربردی)
2- مدیر گروه جهاد کشاورزی استان لرستان
3- مدیر امور اداری دانشگاه مراغه
4- رئیس حوزه ریاست دانشگاه ، روابط عمومی و روابط بین الملل

سوابق تدریسی

- Microextraction
- Optical Sensors
- Phytochemistry
- Spectroscopy

مقالات ارائه شده

1. **Preparation of a novel green optical pH sensor based on immobilization of red grape extract on bioorganic agarose membrane**

MM Abolghasemi, M Sobhi, M Piryaei Sensors and Actuators B: Chemical 224, 391-395

1. **Fabrication of Polyaniline-coated halloysite nanotubes by in situ chemical polymerization as a solid-phase microextraction coating for the analysis of volatile organic compounds in aqueous solutions** MM Abolghasemi, N Arsalani, V Yousefi, M Arsalani, M Piryaei
2. **A nanoporous anodized alumina wire with a nanosized hydroxyapatite coating for headspace solid-phase microextraction of phenol and chlorophenols** MM Abolghasemi, S Parastari, V Yousefi Microchimica Acta 183 (1), 241-247
3. **Rapid analysis of Achillea tenuifolia Lam essential oils by polythiophene/hexagonally ordered silica nanocomposite coating as a solid-phase microextraction fibre** M Piryaei, MM Abolghasemi, H Nazemiyeh

Natural product research 29 (19), 1789-1792

1. **Double-charged ionic liquid-functionalized layered double hydroxide nanomaterial as a new fiber coating for solid-phase microextraction of phenols** MM Abolghasemi, V Yousefi, M Piryaei Microchimica Acta 182 (13-14), 2155-2164 Journal of separation science
2. **Fast determination of Ziziphora tenuior L. essential oil by inorganic–organic hybrid material based on ZnO nanoparticles anchored to a composite made from polythiophene and hexagonally ordered silica** M Piryaei, MM Abolghasemi, H Nazemiyeh Natural product research 29 (9), 833-837 2015

1. **Synthesis of carbon nanotube/layered double hydroxide nanocomposite as a novel fiber coating for the headspace solid-phase microextraction of phenols from water samples** MM Abolghasemi, V Yousefi, M Piryaei Journal of separation science 38 (8), 1344-1350-2015

1. **Synthesis of a metal–organic framework confined in periodic mesoporous silica with enhanced hydrostability as a novel fiber coating for solid-phase microextraction** MM Abolghasemi, V Yousefi, M Piryaei Journal of separation science 38 (7), 1187-1193-2015

9. **Fabrication of a hierarchical dodecyl sulfate-layered double hydroxide nanocomposite on porous aluminum wire as an efficient coating for solid-phase microextraction of phenols** MM Abolghasemi, V Yousefi, M Piryaei Microchimica Acta 182 (5-6), 1177-1186-2015

10. **Nanoscale-supported heteropoly acid as a new fiber coating for solid-phase microextraction coupled with gas chromatography–mass spectrometry** MM Abolghasemi, S Hassani, E Rafiee, V Yousefi Journal of Chromatography A 1381, 48-53-2015

11. **Rapid analysis of Achillea tenuifolia Lam essential oils by polythiophene/hexagonally ordered silica nanocomposite coating as a solid-phase microextraction fibre** M piryaei, MM Abolghasemi, H Nazemiyeh Natural product research, 1-4-2015

12. **Ionic Liquid Derived Nano-Fibrillated Mesoporous Carbon based on solid-phase microextraction fiber for analysis of volatile organic compounds from aqueous solutions** MM Abolghasemi, B Karimi, V Yousefi, H Behzadnia, H Barzegar New Journal of Chemistry 2015

13. **Preparation and evaluation of a layered double hydroxide film on a nanoporous anodic aluminum oxide/aluminum wire as a highly thermal-resistant solid-phase microextraction** fiber MM Abolghasemi, V Yousefi, A Amirshaghaghi New Journal of Chemistry 39 (4), 3109-3115 2015

14. **Microextraction of phenolic compounds using a fiber coated with a polyaniline-montmorillonite nanocomposite** MM Abolghasemi, S Parastari, V Yousefi Microchimica Acta 182 (1-2), 273-280 2015

15. **Polypyrrole–montmorillonite nanocomposite as sorbent for solid-phase microextraction of phenolic compounds in water** MM Abolghasemi, S Parastari, V Yousefi Journal of separation science 37 (23), 3526-3532-2014

16. **Polyoxotungstate nanoclusters supported on silica as an efficient solid-phase microextraction fiber of polycyclic aromatic**

hydrocarbons MM Abolghasemi, V Yousefi, E Rafiee Microchimica Acta 181 (15-16), 1807-1814-2014

17. **Three dimensionally honeycomb layered double hydroxides framework as a novel fiber coating for headspace solid-phase microextraction of phenolic compounds** MM Abolghasemi, V Yousefi Journal of Chromatography A 1345, 9-16-2014

18. **An inorganic–organic hybrid material based on ZnO nanoparticles anchored to a composite made from polythiophene and hexagonally ordered silica for use in solid-phase fiber microextraction of PAHs** MM Abolghasemi, V Yousefi, B Hazizadeh Microchimica Acta 181 (5-6), 639-645-2014

19. **Keggin-type heteropoly compounds supported on montmorillonite clays offering strong option for efficient solid-phase microextraction coating MM Abolghasemi, V Yousefi, E Rafiee Journal of Chromatography A 1327, 14-18-2014**

20. **Chemical composition, cytotoxicity and antioxidant activities of the essential oil from the leaves of Citrus aurantium L.**MB Majnooni, K Mansouri, MB Gholivand, A Mostafaie, African Journal of Biotechnology 11 (2), 498-503-2014

21. **Polythiophene/hexagonally ordered silica nanocomposite coating as a solid-phase microextraction fiber for the determination of polycyclic aromatic hydrocarbons in water** MM Abolghasemi, V Yousefi Journal of separation science 37 (1-2), 120-126-2014

22. **Periodic mesoporous organosilica with ionic liquid framework as a novel fiber coating for headspace solid-phase microextraction of polycyclic aromatic hydrocarbons** MM Abolghasemi, B Karimi, V Yousefi Analytica chimica acta 804, 280-286-2013

23. **Analysis of volatile oil composition of Citrus aurantium L. by microwave-assisted extraction coupled to headspace solid-phase icroextraction with nanoporous based fibers** MB Gholivand, M Piryaei, MM Abolghasemi Journal of separation science 36 (5), 872-8778 -2013

24. **Comparison of microwave-assisted headspace single-drop microextraction (MA-HS-SDME) with hydrodistillation for the determination of volatile compounds from Prangos uloptera** MB Gholivand, M Piryaei, MM Abolghasemi, A Papzan Journal of Essential Oil Research 25 (1), 49-54-2013

25. **Microwave distillation followed by headspace single drop microextraction coupled to gas chromatography-mass spectrometry (GC–MS) for fast analysis of volatile components ofEchinophora platylobaDC**Mohammad Bagher Gholivanda, Mir Mahdi Abolghasemi Food Chemistry 138 (1), 251-255-2013

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27. **Inside needle capillary adsorption trap device for headspace solid-phase dynamic extraction based on polyaniline/hexagonally ordered silica nanocomposite** MB Gholivand, MM Abolghasemi Journal of separation science 35 (5-6), 695-701 -2012

28. **Highly porous silica-polyaniline nanocomposite as a novel solid-phase microextraction fiber coating** MB Gholivand, MM Abolghasemi, P Fattahpour Journal of separation science 35 (1), 101-106-2012

29. **Fast determination of Prangos uloptera essential oil by nanoporous silica-polypyrrole SPME fiber**MM Abolghasemi, M Piryaei chemija 23 (3), 244-249-2012

30. **Comparative study of hydrodistillation headspace solvent microextraction and microwave-assisted distillation headspace solvent microextraction for analysis of volatile components in Stachys inflate** MB Gholivand, MM Abolghasemi, M Piryaei, SM Maassoumi chemija 23 (1), 24-29-2012

31. **Preparation of a renewable sulfide-selective flow through an optical sensor based on immobilization of methylene blue on an agarose membrane** MB Gholivand, MM Abolghasemi chemija 23 (1), 30-35-2012

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34. **Anodized aluminum wire as a solid-phase microextraction fiber for rapid determination of volatile constituents in medicinal plantMB Gholivand, M Piryaei, MM Abolghasemi Analytica chimica acta 701 (1), 1-5-2011**

35. **Headspace solvent microextraction of volatile components of Thymus daenensis P Hashemi, MM Abolghasemi, H Hassanvand, S Ahmadi Journal of Essential Oil Research 22 (4), 365-368-2010**

36. **Headspace-solvent microextraction for identification of volatile components of Myrtus communis L.** P Hashemi, M Abolghasemi, S Ahmadi, A Ghiasvant Acta Chromatographica 21 (1), 139-149-2009

37. **A comparative study of hydrodistillation and hydrodistillation–solvent microextraction methods for identification of volatile components of Echinophora cinerea** P Hashemi, MM Abolghasemi, AR Ghiasvand, S Ahmadi, H Hassanvand,Chromatographia 69 (1-2), 179-182-2009

38. **A calmagite immobilized agarose membrane optical sensor for selective monitoring of Cu 2+ P Hashemi, MM Abolghasemi, K Alizadeh, RA Zarjani Sensors and Actuators B: Chemical 129 (1), 332-338-2008**

39. **Hydrodistillation–solvent microextraction and GC–MS identification of volatile components of Artemisia aucheri**P Hashemi, MM Abolghasemi, AR Fakhari, SN Ebrahimi, S Ahmadi Chromatographia 66 (3-4), 283-286-2007

40. **Agarose film coated glass slides for preparation of pH optical** sensors P Hashemi, RA Zarjani, MM Abolghasemi, Å Olin Sensors and Actuators B: Chemical 121 (2), 396-400-2007

41. **Headspace Microextração de estanho em um microdrop aquosa contendo pd (II) e fosfato de tributilo para a sua determinação por ETAAS** P Hashemi, A Rahimi, AR Ghiasvand, MM Abolghasemi Journal of the Brazilian Chemical Society 18 (6), 1145-1149-2007

42. **Headspace microextraction of tin into an aqueous microdrop containing pd (II) and tributyl phosphate for its determination by ETAAS** P Hashemi, A Rahimi, AR Ghiasvand, MM Abolghasemi Journal of the Brazilian Chemical Society 18 (6), 1145-1149-2007

43. **Preparation of a novel optical sensor for low pH values using agarose membranes as support** P Hashemi, MM Abolghasemi Sensors and Actuators B: Chemical 115 (1), 49-53-2006

44. **PREPARATION OF A NOVEL OPTICAL SENSOR FOR LOW PH VALUES USING AGAROSE MEMBRANES AS SUI**

P HASHEMI, MM ABOLGHASEMI SENSORS AND ACTUATORS B: CHEMICAL 110 (2), 1-5-2005

45. **ANODIZED ALUMINUM WIRE AS A SOLID-PHASE MICROEXTRACTION FIBER FOR RAPID DETERMINATI VOLATILE CONSTITUENTS IN MEDICINAL PLANT** F Gholivand, M Piryaei, MM Abolghasemi ANALYTICA CHIMIC ACTA 701 (1), 429-457.

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1-Preparation of a new optical sensor for wide pH range based on Titan yellow immobilized on agarose membranes as support, 16th Iranian Analytical Chemistry Seminar (July 2009) Hamadan- Iran

2- Comparative Study of Hydrodistillation , microwave hydrodistillation and microwaveassisted distillation headspace single drop microextraction for analysis of Volatile Components in *stachys inflata Benth* 16th Iranian Analytical Chemistry Seminar (July 2009) Hamadan- Iran

3- Comparison of hydrodistillation and microwave-assisted extraction methods for the isolation of essential oils from *Echinophora platyloba DC* 16th Iranian Analytical Chemistry Seminar (July 2009) Hamadan- Iran

4- A new opticalsensor for Cu^{2+} determination base agarose membranes
14th Iranian Analytical Chemistry Seminar (August 2005) Birjand- Iran

5- Preparation of a novel optical sensor for low pH values using agarose membranes
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6- Chemical Composition and antimicrobial and antioxidant activity of essential oil of Citrus aurantium. Journal of Iran university of medicinal science.

7-determination of essential oil from Prangos uloptera by silica- polypyrrole nanocomposite materials19 th Iranian Seminar on Organic Chemistry
8- Microwave distillation for fast analysis of volatile components of Echinophora platyloba DC. 19 th Iranian Seminar on Organic Chemistry

9- Study of Hydrodistillation Headspace Solvent Microextraction and Microwave-assisted Distillation for Analysis of Volatile Components in Stachys inflate, 19 th Iranian Seminar on Organic Chemistry.

10- Aplication of honeycomb layered double hydroxides framework for determination of phenolic compounds, 21th Iranian Analytical chemistry confrance, Ahvaz.

11. Polypyrrole–montmorillonite nanocomposite as solid phase microextraction fibre coating, 21th Iranian Analytical chemistry confrance, Ahvaz.

12- Nanoporous Silica-polyaniline Solid Phase Microextraction Fibre for determination of Volatile Components from medicinal plant, 21th Iranian Analytical chemistry confrance, Ahvaz.

13- Preparation of a new SPME fiber coated by magnetic supported polyoxometalate nanocomposite for extraction of phenolic compounds, 21th Iranian Analytical chemistry confrance, Ahvaz.

14- Preparation of a novel optical sensor based on immobilization of anthocyanin on agarose membrane, 21th Iranian Analytical chemistry confrance, Ahvaz.

15- Determination of polycyclic aromatic hydrocarbons in aqueous media with Polythiophene/ silica nanocomposite coating as a SPME fiber, 21th Iranian Analytical chemistry confrance, Ahvaz.

16- Determination Polycyclic Aromatic Hydrocarbons from west water samples by 3-amino propyl triethoxysilane on SBA-15 solid phase microextraction coating, 21th Iranian Analytical chemistry confrance, Ahvaz.

17- Polyoxotungstate nanoclusters as a solid-phase microextraction coating of polycyclic aromatic hydrocarbons Determination of phenolic compounds using a SPME fiber coated with a polyaniline-montmorillonite nanocomposite, 21th Iranian Analytical chemistry confrance, Ahvaz.

برنامه درسی ترم جاری

18- headspace solid-phase dynamic extraction based on polyaniline/SBA-15 nanocomposite , 21th Iranian Analytical chemistry confrance, Ahvaz.

برنامه آموزشی

سایر