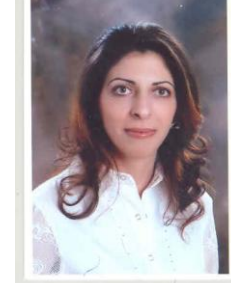


CURRICULUM VITAE



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Birth place Jordan/Karak
Nationality Jordanian
Place of work The University of Jordan, Faculty of Science, Department of Chemistry

Job Title

The University of Jordan from 17/10/2012- to present

Education

2008 - 2011 **Ph.D.** Analytical Chemistry, **Université Pierre et Marie-Curie (UPMC), Paris-France.**

2005 - 2007 **M.Sc.** Analytical Chemistry, **Mu'tah University-Jordan.**

1998 - 2001 **Bachelor (BSc.)** General Chemistry, University of Mu'tah, Karak, Jordan.

Publications

- 1- Ramia Al Bakain**, Isabelle Rivals, Patrick Sassiati, Didier Thiébaud, Marie-Claire Hennion, Guillaume Euvrard and Jérôme Vial, "*Comparison of different statistical approaches to evaluate the orthogonality of chromatographic separations: Application to reverse phase systems*", Journal of Chromatography A, 1218 (2011) 2963.
- 2- Ramia Al Bakain**, Isabelle Rivals, Patrick Sassiati, Didier Thiébaud, Marie-Claire Hennion, Guillaume Euvrard and Jérôme Vial, "*Impact of the nature of the set of the probe solute on orthogonality evaluation in reversed phase systems*". Journal of Chromatography A. 1232 (2012), 231
- 3- Ramia Al Bakain**, Qasem. M. Jaradat and Kamal. A. Momani, "*Indoor and Outdoor Heavy Metals Evaluation in Kindergartens in Amman, Jordan*". Jordan Journal of Physics, Volume 5, Number 1, (2012). pp. 43-52
- 4. Samer R. Abulateefeh, Mohammad A. Khanfar, Ramia Z. Al Bakain**, and Mutasem O. Taha, "*Synthesis and characterization of new derivatives of alginic acid and evaluation of their iron(III)-crosslinked beads as potential controlled release matrices*". Pharmaceutical Development and Technology, 2013, 1-12.

5. Ayman A. Issa, Yahya S. Al-Degs, Kholoud Mashal, **Ramia Z. Al Bakain**, 'Fast activation of natural biomasses by microwave heat'. Journal of Industrial and Engineering Chemistry 2014

6. **Ramia Z. Al Bakain**, Rund A. Abu-Zurayk, Imad Hamadneh, Fawwaz I. Khalili, Ammar H. Al-Dujaili, *A study on removal characteristics of o-, m- and p-nitrophenol from aqueous solutions by organically modified diatomaceous earth*, Journal of Desalination and Water Treatment, 2014, 1-13, DOI:10.1080/19443994.2014.944584.

7. **Ramia Z. AL Bakain**, Yahya S. AL-Degs, Ayman A. Issa, Saadi Abdul Jawad, Kayed A. Abu Safieh, 'Activation Of Kaolinite With Minimum Solvent Consumption By Microwave Heating,' Journal Clay Minerals.

Language

- Arabic: native language
- English: Excellent
- French: Excellent

Professional Experience

Instrumental experiences

- Ion chromatography
- Atomic absorption
- Gas chromatography
- HPLC with UV-Vis and HPLC coupled with MS, LCxLC-UV and LCxLC-MS, IR.

Technical experiences

- Analysis of environmental samples (Water, Air, Soil), and Biological samples.
- Method development in analytical separation; LCxLC-UV and LCxLC-MS.

Computer & Software

- System: Windows (Operating System), Internet resources.
- Software: MatLab, Word, Excel, PowerPoint, ChemDraw.

Oral presentations

R. AL BAKAIN, I. RIVALS, P. SASSIAT, D. THIÉBAUT, M-C. HENNION, G. EUVRARD, J. VIAL. “*Two dimensional liquid chromatography and its applications to environmental problematic and natural samples*”. Workshop on Materials in Jordan (Humboldt Kolleg), 2010, 10-12 April, Amman – Jordan.

R. AL BAKAIN, I. RIVALS, P. SASSIAT, D. THIÉBAUT, M-C. HENNION, G. EUVRARD, J. VIAL. “*Comprehensive two dimensional liquid chromatography (LC×LC): principles and orthogonality in reversed phase separation mode*”. EuAsC₂S Chemistry Care-11th Eurasia Conference on Chemical Sciences, 2010, 6-10 October. The Dead Sea – Jordan.

R. AL BAKAIN, I. RIVALS, P. SASSIAT, D. THIÉBAUT, M-C. HENNION, G. EUVRARD, J. VIAL. “*Comparaison de différentes approches statistiques pour évaluer l’orthogonalité de séparation chromatographiques : application aux systèmes en phase inverse*”. Congrès de Chimométrie, 2010, 2 – 3 Décembre, ESPCI, Paris – France.

R. AL BAKAIN, D. THIÉBAUT, M-C. HENNION, J. VIAL. “*Chromatographie en phase liquide intégralement bidimensionnelle : application aux problématiques environnementales et aux échantillons naturels*”. Journée Scientifique PECSA, 2011, 8 Mars, ESPCI, Paris – France.

R. AL BAKAIN, B. BRAHIM, I. RIVALS, P. SASSIAT, D. THIÉBAUT, M-C. HENNION, G. EUVRARD, J. VIAL. “*Characterization of complex samples: why the hyphenation of comprehensive liquid chromatography with mass spectrometry is The Solution*”. 2nd International Conference on Materials in Jordan, 2011, 9 - 11 April, Amman – Jordan.

Poster presentations

R. AL BAKAIN, J. VIAL, D. THIÉBAUT, P. SASSIAT, M-C. HENNION. “*Two dimensional liquid chromatography and its applications to environmental problematic and natural products: first results*”. Journée de “l’école doctorale en chimie physique et chimie analytique de Paris centre”, 2009, 2nd Juin, Paris - France.

R. AL BAKAIN, J. VIAL, D. THIÉBAUT, P. SASSIAT, M-C. HENNION. “*Evaluation cinétique de colonnes potentielles pour la seconde dimension chromatographie en phase liquide intégralement bidimensionnelle*”. Afsep 2009 – 8th congrès francophone de l’Afsep sur les sciences séparatives et les couplages, 2009, 1 – 3 Décembre, Marseille-France.

R. AL BAKAIN, I. RIVALS, P. SASSIAT, D. THIÉBAUT, M-C. HENNION, G. EUVRARD, J. VIAL. “*How to select orthogonal conditions in reverse phase to achieve LC×LC separations according to the nature of compounds*”. HPLC 2011 – 36th International Symposium on High Performance Liquid Phase Separation and Related Techniques, 2011, 19 – 23 June, Budapest, Hungary.

R. AL BAKAIN, R. ABU ZURAYK, S. ARAR, Y. ALDEGS, Q. JARADAT. *Bootstrap method for evaluating the metal indoor relationships with some important factors*”. Building international networks for enhancement of research in Jordan, 2014, 3 – 5, April, Amman – Jordan.

References

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