

Curriculum Vitae



University of Echahid Hama
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Faculty of Exact Sciences
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Abdelkrim Rebiai, PhD

Birth Date: May 10, 1980 El-Oued

Education

- Nov 2011 – Jun 2016* **Université Kasdi Merbah Ouargla**
Phd, Chemistry
Ouargla, Ouargla, Algeria
- Sep 2007 – Jul 2010* **Université Kasdi Merbah Ouargla**
Magister, Analytical Chemistry and Environmental Control
Ouargla, Ouargla, Algeria
- Sep 1999 – Jun 2004* **Université Kasdi Merbah Ouargla**
Engineer, Chemical Engineering
Ouargla, Algeria

Thesis

- Abdelkrim Rebiai: *Determination of total phenolics and antioxidant activity of Algerian bee products by electrochemical methods.* الكهروكيميائية بالطرق الجزائر في النحل لمنتجات للأوكسدة المضادة والفعالية الفينولي المحتوى تقدير. 06/2016, Degree: PHD, Supervisor: Touhami Lanez
- Abdelkrim Rebiai: *Study of antioxidant activity of the southern Algeria propolis extracts by chemical and electrochemical methods* الكهروكيميائية و الكيمياء بالطرق الجزائر جنوب لبروبوليس للأوكسدة المضادة الفعالية دراسة. 07/2010, Degree: Master, Supervisor: Touhami Lanez

Research Experience

- Dec 2010 – present* **Associate researcher**
University of Echahid Hama Lakhder, chemistry
El Oued, Wilaya d' El Oued, Algeria

Skills & Activities

Skills Antioxidants, Chromatography, Electroanalytical Chemistry, Antioxidant Activity, Cyclic Voltammetry, Voltammetry, Electrochemistry, total phenolic, Honey, Pollen, Propolis, Analytical Chemistry, Bees, Polyphenols, Electrochemical Analysis, Pollination, Electrochemical Techniques, Flavonoids, Apis Mellifera, Honeybees, DPPH, Phenolic Compounds, Electrodes, Electrochemical Methods, Phytochemicals, Natural Product Chemistry, Electrochemical Detection, Electroanalysis, Amperometry, Electrodeposition, Electrocatalysis, Potentiometry, Electrochemical Instrument, Stripping Voltammetry, Bioelectrochemistry, Bioactivity, Natural Product Isolation, Shimadzu, High-Performance Liquid Chromatography, Extraction, Free Radical Scavengers

Languages Arabic, English, Franch

Professional History

Department of Chemistry, University of Echahid Hama Lakhder, Eloued, Algeria

2010-2016; Assistant Professor of Chemistry

2016-present; Associate Professor of Chemistry

Teaching

Courses Taught

Course: " Analytic chemistry I "

Course: " Analytic chemistry II "

Course: " Electrochemistry "

Practical Chemistry experiments: "Analytic Chemistry "

Practical Chemistry experiments: " Electrochemistry "

Practical Chemistry experiments: " Electrochemical methods of analysis "

Practical Chemistry experiments: " Structure of Matter"

Practical Chemistry experiments: "Spectroscopic Method of Analysis "

Practical Chemistry experiments: " Thermodynamique & Cinétique Chimique "

Graduate Student Theses/Dissertations Directed

Khalef Ibrahim Hamza, B.S. " Quantification of Ascorbic Acid in Tablet Dosage Forms and

Some Fruit Juices by CV and SWV", June 2011.

Chanouf Wissal, B.S. " Electrochemical Behavior of Amoxicillin", June 2013.

Hajaja Aicha, M.S. "Physicochemical characteristics of honey from Algerian sahara", June 2012.

Dia Meriem, M.S. " Qualitative and quantitative analysis of sugars in some Algerian bee products by spectroscopic and electrochemical methods", September 2013.

Kacimi Thouria, M.S. " Electrochemical fingerprint of some phenolic compounds in bee pollen", May 2016.

Journal Publications

A. Chouikh, E.H. Adjal, M. Mekki, H. Hemmami, A. Feriani, A. Rebiai, A. Zaater, A. Chefrou: *Comparison of ultra-sound and maceration extraction methods of phenolics contents and antioxidant activities of Saharian medicinal plant Calligonum comosum L'her.*. Journal of Materials and Environmental Science 05/2016; 7(6).

Abdelkrim Rebiai: *Determination of polyphenols content of bee pollen by differential pulse voltammetry and spectrophotometric methods.* Annales des Sciences et Technologie 10/2015; 7(2).

Abdelkrim Rebiai: *Evaluation of Antioxidant Capacity of Propolis Collected in Various Areas of Algeria Using Electrochemical Techniques.* International journal of electrochemical science 09/2015; 10(10).

Abdelkrim Rebiai, Touhami Lanez, Atef Chouikh: *Physicochemical and biochemical properties of honey bee products in south Algeria.* Scientific Study and Research: Chemistry and Chemical Engineering 07/2015; 16(2).

Touhami Lanez, Abdelkrim Rebiai: *Comparative Study of Honey Collected from Different Flora of Algeria.* 06/2014; 6(1). DOI:10.4314/jfas.v6i1.4

Abdelkrim Rebiai, Touhami Lanez, Mohamed Lakhder Belfar: *Determination of caffeic acid and gallic acid in Algerian bee pollen by an HPLC method.* PhytoChem & BioSub Journal 05/2014; 8(3)

Touhami Lanez, Abdelkerim Rebiai, Mohamed Lakhder Belfar: *total polyphenol contents, radical scavenging and cyclic voltammetry of Algerian propolis.* International Journal of Pharmacy and Pharmaceutical Sciences 01/2014; 6(1).

Abdelkrim Rebiai, Touhami Lanez: *A Facile Electrochemical Analysis to Determine Antioxidant Activity of Bee Pollen.* 09/2013; 14. DOI:10.18052/www.scipress.com/ILCPA.14.31

Touhami Lanez, Abdelkerim Rebiai: *Development of an Electrochemical Method for the Measurement of Antioxidant Capacity of Pure Compounds and Natural Substances Extracts.* 09/2013; 1(1). DOI:10.18052/www.scipress.com/ILCPA.6.46

CHÉRIFA BOUBEKRI, TOUHAMI LANEZ, ASSIA DJOUADI, ABDELKERIM REBIAI: *Effect of drying and freezing on antioxidant capacity and polyphenolic contents of two south Algerian eggplants cultivars.* International Journal of Pharmacy and Pharmaceutical Sciences 08/2013; 5(3).

A. Rebiai, Touhami Lanez: *Chemical composition and antioxidant activity of Apis mellifera bee pollen from Northwest Algeria.* Journal of Fundamental and Applied Sciences 01/2012; 4(2)

- C. Boubekri, A. Rebiai, T. Lanez: *Study of Antioxidant Capacity of Different Parts of Two South Algerian Eggplant Cultivars*. . Journal of Fundamental and Applied Sciences 01/2012; 4(2)
- T. Lanez, A. Rebiai, M. A. Saha, M. Alia: *Determination of total lead (II) in commercial kohl by cyclic voltammetry at a glassy carbon electrode*. International Journal of Toxicology and Applied Pharmacology 05/2011; 1(2)
- Rebiai A, Lanez T, M.L. Belfar: *In vitro Evaluation of Antioxidant Capacity of Algerian Propolis by Spectrophotometrical and Electrochemical Assays*. International Journal of Pharmacology 01/2011; 7(1). DOI:10.3923/ijp.2011.113.118

Patents

- Touhami Lanez, Abdelkerim Rebiai: *Procédé pour la mesure de la capacité antioxydante totale des aliments*. Ref. No: 120189, Year: 03/2012

Conference Proceedings

- Touhami Lanez, Abdelkerim Rebiai, Ali El-Mehdi Saha: *Dosage du plomb dans le khôl traditionnel par voltamétrie cyclique*. Premier Séminaire National sur l'Électrochimie - Méthodes et Applications, University of El Oued; 05/2014
- Touhami Lanez, Abdelkrim REBIAI, Meriem Dia, Soumia Aiba: *Electrochemical determination of polyphenols content in Algerian bee pollen*. Premier Séminaire National sur l'Électrochimie - Méthodes et Applications, University of El Oued; 05/2014
- Selmane M, Chouikh.A and, Rebiai. A: *Physicochemical properties of honey products in south east of Algeria*. 5th International Congress on Medicinal and Aromatic Plants (CIPAM) ZARZIS (TUNISIA); 03/2014
- Touhami Lanez, A. Rebiai, ML. Belfar: *Determination of caffeic acid and gallic acid in Algerian bee pollen by HPLC method*. 4^o Phytochem & BioSub Conference, Bechar, Algeria; 12/2013
- Abdelkrim Rebiai: *Determination of Caffeic Acid and Gallic Acid in Algerian Bee Pollen by an HPLC Method*. 1st Algerian Days on Natural Products, Bechar Algeria; 12/2013