

University of Bejaia
Faculty of Technology
Laboratory of Organic Materials

OPEN ACCESS



www.univ-bejaia.dz/ajnp

ALGERIAN JOURNAL OF NATURAL PRODUCTS



Thapsia garganica

Credit: K. Belhamef

2017, Vol. 5, N°1 (E-ISSN: 2353-0391)

Editor in chief: Prof. Kamel BELHAMEL

Editorial

ALGERIAN JOURNAL OF NATURAL PRODUCTS is an open access journal, free of charges, published three times a year by the Laboratory of Organic Materials (LOM), Faculty of Technology, University of Bejaia, ALGERIA. The journal is dedicated to research of all aspects of Plant and Natural Products. Authors can send their views and comments to the Editor in chief: ajnp2014@gmail.com

The journal will cover research studies related to Natural products including some of the allied subjects. Articles with timely interest and newer research concepts will be given more preference. All manuscripts are subjected to RAPID peer review process. The Journal welcomes the submission of manuscripts that meet the general criteria of significance and scientific excellence.

Manuscripts that are found suitable for publication in **ALGERIAN JOURNAL OF NATURAL PRODUCTS** are sent to two or more expert reviewers. During submission, the contributor is requested to provide names of two or three qualified reviewers who have had experience in the subject of the submitted manuscript.

Use the template of the journal to write your manuscript: [AJNP-template](#)

Topics:

- Chemistry of Bio-active compounds
- Phytochemistry (Isolation, Structure elucidation, Spectroscopic properties)
- Antimicrobial, antiviral, antiparasite activities
- Biopolymers, biocomposites
- Electrochemical process using natural products
- Separation process using natural products
- Pharmacology, toxicology of plant and their active principles
- Pharmaceutical formulations and evaluation of natural products
- Environmental impact and risk assessment

The manuscript should be prepared in French or in English. "Arial" font should be used. The font size should be of 11pt. All research articles should have the following sections: Title page, Abstract, Key words, Introduction, Materials and methods, Results, Discussion, Conclusion, Acknowledgement (if any) and References.

Please use the template of the journal to write your manuscript (click here): [AJNP-Template](#)

Title:

The title should then followed by the author name and the institution name and address by indicating suitable superscripts. Title page should contain title of the paper in arial bold face (font size 14), names of the authors in italic face, (font size 10) followed by the address(es) in italic face lower case. An asterisk (*) must be placed after the corresponding authors name as superscript whose email id, fax, telephone number can be given. Corresponding author has the responsibility to ensure that all co-authors are aware and approve the contents of the submitted manuscript.

Abstract:

This section should detail the problems, experimental approach, major findings and conclusion in one paragraph and should appear on the second page. Avoid abbreviation, diagram and references in the abstract. It should be single - spaced and should not exceed 150 words for full papers.

Keywords:

Author(s) must give about 4-6 key words which can identify the most important subjects covered by the paper. They must be placed at the end of the abstract.

Introduction:

The manuscript should include a brief introduction stating the purpose of the investigation and relating the manuscript to similar previous research. Only information essential to the arguments should be presented.

Materials and Methods:

This section must contain specific details about the materials studied, instruments used, specialized chemicals source and related experimental details which allows other research worker to reproduce the results. Obtain permission for all fully borrowed, adapted, and modified tables and provide a credit line in the footnote. Results and Discussions The results should be concisely presented. Results and discussion may be separate or combined based on the author's requirement. Tables and figures should be designed to maximize the comprehension of the experimental data. The interpreted results should be explained clearly in discussions and should relate them to the existing knowledge in the field as clearly as possible. Tables, Graphs and figures (Illustrations) should be inserted in to the main text at respective place they should appear when published and should have appropriate numbers and titles with an explanatory heading. Labels of the table, graph and figures MUST be in the text form and should not form part of the image. Colour photographs and illustrations (line drawings, halftones, photos, photomicrographs etc) must be clean originals or digital files would be charged that may be intimated along with the acceptance letter. Those photographs must be clear and sharp. Digital files are recommended for highest quality reproduction.

References:

References to the literature cited for the manuscript should be numbered in order of appearance in the manuscript and cited in the text with superscript numbers. The reference number should follow the following format.

For Journals Format : Author(s) of article (surname initials). Title of the manuscript. Journal title abbreviated Year of publication; volume number (issue number): page numbers.

Abderrahim A., Belhamel K., Jean-Claude Chalchat J-C., Figuéredo G., Chemical Composition of the Essential Oil from *Artemisia arborescens* L. Growing Wild in Algeria, *Rec. Nat. Prod.* 4:1 (2010) 87-90

For Books Format:

Author AA, Author BB, Author CC. Title of Book. Ed, Vol, Publisher, City, year, page numbers

Ethical Matters:

Authors involving in the usage of experimental animals and human subjects in their research article should seek approval from the appropriate Ethical committee in accordance with "Principles of Laboratory Animal Care". The Method section of the manuscript should include a statement to prove that the investigation was approved and that informed consent was obtained.

Revised manuscript submission:

When revision of a manuscript is requested, authors should return the revised version of their manuscript as soon as possible. Prompt action may ensure fast publication if a paper is finally accepted for publication.

Final proofreading:

Authors will receive a pdf file with the edited version of their manuscript for final proofreading. This is the last opportunity to view an article before its publication on the journal web site.

Online First service:

Manuscripts accepted for publication are published on-line in so called Online First service as soon as they are ready for publication (that is when final proofreading is performed by authors, and all concerns are resolved). Once a manuscript appears on the Web site it is considered as published.

Copyright:

Authors of articles published in ALGERIAN JOURNAL OF NATURAL PRODUCTS retain the copyright of their articles and are free to reproduce and disseminate their work.

Editorial Board members

[Prof. Boualem Saidani](#), Faculty of Technology, University of Bejaia, Algeria

[Prof. Alessandro Casnati](#), Department of Chemistry, University of Parma, Italy

[Prof. Barbara Conti](#), Dept.of Agriculture, Food and Environment, University of Pisa 56124 PISA, Italy

[Prof. Armando J. D. Silvestre](#), Department of Chemistry, University of Aveiro, Portugal

[Prof. Antonia Pérez de los Ríos](#), Departamento de Ingeniería Química, Universidad de Murcia, Spain

[Prof. Nouredine Abidi](#), Department of Plant and Soil Science, Texas Tech University, United States

[Prof. Rainer Ludwig](#), Freie Universität Berlin, Germany

[Prof. Emmanuel Rocca](#), Université de Lorraine, Nancy, France

[Dr. Mohd Hazwan Hussin](#), School of Chemical Sciences, Universiti Sains, Malaysia

[Prof. Azizi Amor](#), Laboratoire de Chimie - Ingénierie des Matériaux et Nanostructures, Université de Setif 1, Algeria

[Prof. Hocine Ilikti](#), Université des sciences et de la technologie d'Oran - Mohamed-Boudiaf, Algeria

[Prof. Mohamed Yousfi](#), University of Laghouat, Algeria

[Prof. Kahoul Abdelkrim Abdelkrim](#), University of Setif, Algeria

[Prof. Lahcen Larabi](#), University of Tlemcen, Algeria

[Prof. Djaafar Benachour](#), University of Setif 1, Algeria

[Prof. Nacer-eddine Chelali](#), Laboratoire Matériaux et systèmes électroniques, Université de B.B. Arréridj, Algeria

[Prof. Larbi Zerroual](#), Larbi ZERROUAL Département de Génie des Procédés, Université Ferhat ABBAS Sétif, Algeria

[Prof. Khodir Madani](#), Laboratoire de Biophysique, Bio mathématiques, Biochimie et Scientométrie, Université de Bejaia, Algeria

[Prof. Salah Akkal](#), Laboratoire de Phytochimie et Analyses Physico-chimiques et Biologiques, Université Mentouri-Constantine 1, Algeria

[Prof. Djamilia Harrache](#), Faculté des sciences exactes, Université Djilali Liabes, Sidi Bel Abbes, Algeria

[Prof. Laid Makhoulfi](#), Faculty of Technology, University of Bejaia, Algeria

[Prof. Tahar Sadoun](#), University of Bejaia, Algeria

[Prof. Farouk Rezqui](#), Process Engineering Department, Faculty of Technology, University of Bejaia, Algeria

[Prof. Hafida Merzouk](#), Directrice du laboratoire PPABIONUT Physiologie, Faculté SNVTU, Université Abou Bekr Belkaid -Tlemcen, Algeria

[Prof. Mohamed chérif ABERKANE](#), University of Batna, Algeria

[Prof. Dipak Tukaramji Tayade](#), Government Vidharbha Institute of Science and Humanities , Amravati VMV Road, Amravati (M.S.) 444 604, India

[Prof. Rachid Salghi](#), National School of Applied Sciences, Agadir, Morocco

[Prof. Mouloud KECHA](#), Laboratory of Applied Microbiology, Faculty of Nature Science and Life, University of Bejaia, Algeria

[Prof. Salih S Al-Juaid](#), King Abdulaziz University, Jeddah, Saudi Arabia

[Prof. Fadila Benabdesselam](#), Laboratoire de Biotechnologie Végétales et Ethnobotanique, Université de Bejaia, Algeria

[Dr. Farida BENDALI](#), Laboratoire de Microbiologie Appliquée, Faculté des Sciences de la Nature et de la Vie, Université de Bejaia, Algeria

[Dr. Meriem TOUAIBIA](#), Département des sciences Biologiques, Université Saad Dahleb de Blida, Algeria

[Dr. Yassine KADMI](#), National School of Chemistry of Rennes (ENSCR), Bretagne, Rennes, France

Table of Contents

Articles

[Etude de l'effet de margines sur le comportement microbien du sol: Suivi de la minéralisation du carbone](#)

Raja Dakhli (393 – 404)

[Assessment of Biological Activity on *Cirsium arvense* L.](#)

Md. Lokman Hossain, A.S.M. Monjur Al-Hossain, Subarna Saha, Samir Kumar Sadhu (417 – 426)

[Antinociceptive Activity of Methanolic Leaf Extract of *Parthenium hysterophorus* L.](#)

Shammy Sarwar, Shah Marzia Mahjabin Lina, MD. Shahnewaz Shihab

[Enquête ethnopharmacologique et ethnobotanique sur les plantes médicinales dans le Haut Atlas central du Maroc](#)

Abderrazak El Alami, Abderrahman Chait (427 – 445)

Review

[Les plantes à pollen allergisant en Algérie](#)

Choukry KAZI TANI (405 – 416)

