

e-ISSN : 2550-6986

p-ISSN : 2550-6994

Vol.3 No.3 December 2019

International Journal of Life Sciences



Universidad Técnica de Manabí

ScienceScholar (SS) Journals is a non-profit international scientific association of distinguished scholars engaged in Health Sciences, Physical Sciences and Engineering, Life Sciences, Social Sciences, and Humanities devoted to promoting researches field through digital technology. UTM is a fast growing university that aims to benefit the world, as much as possible, via technological innovations. The mission of SS is to encourage and conduct collaborative research in “state of the art” methodologies and technologies within its areas of expertise.

UTM publishes high-quality reputation international journals. Four journals are covered by UTM Publication, those are:

1. International Journal of Health Sciences (IJHS)
2. International Journal of Life Sciences (IJLS)
3. International Journal of Physical Sciences and Engineering (IJPSE)
4. International Journal of Social Sciences and Humanities (IJSSH)

It as well as will organizes multidisciplinary conferences and workshop for academics and professionals and to get sponsors for supporting the activities. In addition, SS is involved in many international projects and welcomes collaborative work. The SS members include research excellent scientists, engineers, scholars, research, and development center heads, faculty deans, department heads, professors, university postgraduate engineering and science students, experienced hardware and software development directors, managers and engineers, linguist, management, etc.

SS is a large publishing of articles database of peer-reviewed literature: scientific research, books, and conference proceedings. Delivering a comprehensive overview of the world's research output in the fields of science, technology, medicine, social sciences, and arts and humanities, SS membership and service features is smart tools to track, analyze and visualize research. As research becomes increasingly global, interdisciplinary and collaborative, you can make sure that critical research from around the world is not missed when you choose SS journals that reliable field to publish your paper.

Journals Publication Frequency:

The journal will be published every four months online and print version (three times a year). Those are: *April, August, and December*



Copyright © 2019 SS Journals, Universidad Técnica de Manabí

IJLS is an Open Access Journal. IJLS allows readers to read, download, copy, distribute, print, search, or link to the full texts of its articles and allow readers to use them for any other lawful purpose. All articles can be downloaded free of charge and used in accordance with the Creative Commons at <http://creativecommons.org/licenses/by-sa/4.0/>. This journal provides immediate Open Access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Editorial Board 2019

Editor-in-Chief

[Antonio Vazquez Perez](#) (Professor Dr.)

Environmental Sciences

Institute de Formación ambiental, Bilbao, España, Spain

Chief Executive Editor

[María Rodríguez Gámez](#) (Professor Ph.D.)

Investigador Titular, Facultad de Ciencias Matemáticas, Físicas y Químicas, Associate Professor of the Universidad Técnica de Manabí, Portoviejo, Ecuador, South America.

[Carlos Alberto Litardo Velásquez](#) (Professor Dr.)

Teaching and Educational Research

Technical University of Manabí, South America

[Williams José Méndez Mata](#) (Professor Ph.D.)

Environment Sciences

Universidad Técnica de Manabí, Portoviejo, Ecuador, South America.

[Lizardo Mauricio Reyna Bowen](#) (Ph.D.)

Agricultural engineering, water resources, soils, watershed management and geographic information systems.

Universidad Técnica de Manabí, Portoviejo, Ecuador, South America.

[Grether Lucia Real Perez](#) (Ph.D.)

Universidad Técnica de Manabí, Portoviejo, Ecuador, South America.

International Advisory Board

[Augustina Sackle](#) (Dr.)

*Food Technology
Cape Coast Technical University, Ghana
Havana*

[Andrea Patricia Chancay Mendoza](#) (Dr.)

*Medicine, Specialist Integral Family Medicine,
Specialist Physician in Integral General Medicine.
Ministry of Public Health, District 13D02
Universidad Tecnica de Manabi, Portoviejo, Ecuador*

[Aysar Yasin](#) (Ph.D.)

*Energy Engineering & Environment
An-Najah National University, Palestinian Territory*

[Mubeen Javed](#) (Professor Ph.D.)

*Health & Life Sciences
Coventry University, United Kingdom*

[Mubeen Javed](#) (Professor Ph.D.)

*Health & Life Sciences
Coventry University, United Kingdom*

[Santanu Panda](#) (Ph.D.)

*Animal Biotechnology
Institute of Animal Health and Veterinary
Biologicals, Kolkata*

[Adeniyi Adetunji](#) (Ph.D.)

*Teaching & Learning
Bowen University, Nigeria*

[Dharmendra Singh](#) (Ph.D.)

*Cancer Biology, & Molecular Biology.
Houston Methodist Research Institute, USA*

TABLE OF CONTENTS

No	Title	Page
1	Ration digest value and performance of male Bali ducks feed waste wine fermented with different levels <i>A. W. Puger, I. M. Nuriyasa</i> https://doi.org/10.29332/ijls.v3n3.341	1
2	Evaluation of post-harvest tomato practices (lycopersicum sculentum) <i>Jimmy Cristhian Loor Jumps, Gonzalo Rigoberto Menoscal Chilán, Doris Marlene Sancán Murillo, Alexander Patricio García Mendoza</i> https://doi.org/10.29332/ijls.v3n3.357	8
3	Overcoming the failure of fruit-set and fruit drop of siam orange on off-season period through application of mycorrhizal inoculants and ZNSO4 micro fertilizer dosage <i>Ni Komang Alit Astiari, Ni Putu Anom Sulistiawati, Ida Bagus Komang Mahardika, I Nyoman Rai</i> https://doi.org/10.29332/ijls.v3n3.358	16
4	Environmental impact of energy production with generators <i>Yoan Pablo Rodríguez Monier, Rodolfo Vila Feijoo, Kenichi Gasbar García Alvarez, Majela Prieto Betancourt</i> https://doi.org/10.29332/ijls.v3n3.364	25
5	Direct organogenesis in vitro propagation of local balinese banana with thidiazuron <i>I Nyoman Rai, I Made Sudana, I Nyoman Gede Astawa, Rindang Dwiyani, Yuyun Fitriani</i> https://doi.org/10.29332/ijls.v3n3.360	32
6	The consumer perception on balinese local culture-based packaging design on white oyster mushroom chips (Pleorotus ostreatus) <i>A. A. Sri Mahyuni, I Nyoman Sucipta, I Made Adnyana, Made Sudiana Mahendra</i> https://doi.org/10.29332/ijls.v3n3.370	41

7 **The community structure of parasitoid associated
with the cassava mealybugs on cassava crop in
Bali province**

I Wayan Susila, I Ketut Sumiarta, I Wayan Suparttha

53

<https://doi.org/10.29332/ijls.v3n3.372>



Universidad Técnica de Manabí

Av. Urbina y Che Guevara, APARTADO: 82 (Ecuador/South America)

email : ijls@utm.edu.ec

Phone : (05) 2635-611

Fax : (05) 2651-569