

p-ISSN: 2684-9062

e-ISSN: 2714-9803

BIO-INOVED

JURNAL BIOLOGI-INOVASI PENDIDIKAN

VOLUME 3, ISSUE 3, OCTOBER 2021



**Master Program of Biology Education
Postgraduate Program
Universitas Lambung Mangkurat**



BIO-INOVED : Jurnal Biologi-Inovasi Pendidikan

Volume 3, Issue 3, October, 2021

Person in Charge:

Head of Biology Education Master Program, Postgraduate Program,
Universitas Lambung Mangkurat

Editor in-Chief:

Dr. Dharmono, M.Si. (Universitas Lambung Mangkurat)

Managing Editor:

Hery Fajeriadi, S.Pd., M.Pd. (Universitas Lambung Mangkurat)

Editor Member:

Prof. Dr. H. Muslimin Ibrahim, M.Pd.	(Universitas Negeri Surabaya)
Prof. Dr. H. Muhammad Zaini, M.Pd.	(Universitas Lambung Mangkurat)
Prof. Dr. Ir. H. M. Arief Soendjoto, M.Sc.	(Universitas Lambung Mangkurat)
Dr. Pugh Karyanto, M.Si.	(Universitas Sebelas Maret)
Dr. Yuliani, M.Si.	(Universitas Negeri Surabaya)
Muhammad Arsyad, S.Pd., M.Pd.	(Universitas Lambung Mangkurat)
Maulana Khalid Riefani, S.Si, M.Sc., M.Pd.	(Universitas Lambung Mangkurat)
Mahrudin, S.Pd., M.Pd.	(Universitas Lambung Mangkurat)
Agustina Ambar Pertiwi, S.Pd., M.Pd.	(Universitas Islam Negeri Antasari)
Riza Arisandi, S.Pd., M.Pd.	(Universitas Lambung Mangkurat)
Fahmi, S.Pd., M.Pd.	(Universitas Lambung Mangkurat)

Secretariat:

Roseda Rahmayani, S.Pd., M.Pd. (Universitas Lambung Mangkurat)
A. Ready, S.Kom. (Universitas Lambung Mangkurat)

Managed and Published by:

Master Program of Biology Education, Postgraduate Program, Universitas Lambung Mangkurat

Address:

Jl. Brigjend. H. Hasan Basry Banjarmasin; Telp. & Fax. : (0511-306488);
E-mail: pendidikan.biologi.s2@ulm.ac.id

Contact Us:

E-mail: bioinoved@ulm.ac.id

Accredited by:



Indexed/Abstracted/Listed by:

Google Scholar; Garuda Rujukan Digital (GARUDA) Ristekdikti; Indonesian Scientific Journal Database (ISJD); Indonesia One Search Repository (IOSR); Index Copernicus International (ICI); Ministry of Religious Affairs Reference (Moraref); Bielefeld Academic Search Engine (BASE); Academic Resource Index (ResearchBib); Public Knowledge Project (PKP) Index; OCLC WorldCat; Journal Factor (JF); Dimensions; DOI Crossref; EuroPub Directory of Academic and Scientific Journals; Scilit; Publons; ROAD ISSN; Directory of Open Access Journals (DOAJ)

Table of Content

Profile of Student Ability in Creative Problem Solving in Biotechnology Concepts	143-149
Herry Setiawan, Danang Biyatmoko, Aminuddin Prahatama Putra	
Profile of Student Ability in Solving Critical Problems in the Concept of Human Physiology	150-154
Aulia Rahmah, Yudi Firmanul Arifin, Aminuddin Prahatama Putra	
Learning Media Needs Analysis of Science Learning and Environment through Android for Primary School Pupils	155-165
Muhammad Richsan Yamin, Muryati Sahrul	
The Quality of Electronic Student Worksheets Based on Critical Thinking Skills on the Concept of Biodiversity at High School Level.....	166-172
Nida Lessy, Muhammad Zaini, Kaspul	
Google Site as a Learning Media in the 21st Century on the Protists Concept	173-178
Diény Aulia, Kaspul, Maulana Khalid Riefani	
Gender Differences Regarding the Ability to Think Critically in High School Biology Subjects during the Covid-19 Pandemic	179-182
Siti Chaliza Harun, Hasruddin	
The Practicality of Popular Scientific Books based on the Diversity of Tree Species on the Puting Riverbank	183-189
Kristina Febriana Panjaitan, Muhammad Zaini, Danang Biyatmoko	
The Practicality of Popular Scientific Books based on the Diversity of Fish Species in Puting River Waters	190-196
Iim Mahayu Buana Kusuma Rini, Muhammad Zaini, Danang Biyatmoko	
Development of DORA Media (Interactive Video) on the Coordination System Materials of Grade XI Senior High School.....	197-203
Riska Sofiani Nurhidayah, Eva Nurul Malahayati, Devita Sulistiana	
Development of ANIKOR Learning Media (Animated Coordination System) Biology for Grade XI SMA/MA	204-209
Nila Karinda, Dwi Kameluh Agustina, Eva Nurul Malahayati	
The Practicality of E-LKPD Materials on Environmental Pollution to Practice Critical Thinking.....	210-215
Maria Magdalena, Aminuddin Prahatama Putra, Atiek Winarti	
The Utilization of Various Medicinal Plants based on the Dayak Community Perspective in The Central Kalimantan as an Education for Sustainable Development.....	216-220
Fathul Zannah, Indah Sari Dewi	
The Practicality of Popular Scientific Books based on the Diversity of Mangrove Shrubs in Tabanio Village.....	221-226
Chitania Millianton, Yudi Firmanul Arifin, Dharmono	
The Development of Electronic Student Worksheets on the Concept of Animalia to Improve High School Level Critical Thinking Skills	227-233
Feby Tiara Noor Kharisma, Muhammad Zaini, Kaspul	

TABLE OF CONTENT

Profile of Student Ability in Creative Problem Solving in Biotechnology Concepts

Herry Setiawan, Danang Biyatmoko, Aminuddin Prahatama Putra

Profile of Student Ability in Solving Critical Problems in the Concept of Human Physiology

Aulia Rahmah, Yudi Firmanul Arifin, Aminuddin Prahatama Putra

Learning Media Needs Analysis of Science Learning and Environment through Android for Primary School Pupils

Muhammad Richsan Yamin, Muryati Sahrul

The Quality of Electronic Student Worksheets Based on Critical Thinking Skills on the Concept of Biodiversity at High School Level

Nida Lessy, Muhammad Zaini, Kaspul

Google Site as a Learning Media in the 21st Century on the Protists Concept

Dieny Aulia, Kaspul, Maulana Khalid Riefani

Gender Differences Regarding the Ability to Think Critically in High School Biology Subjects during the Covid-19 Pandemic

Siti Chaliza Harun, Hasruddin

The Practicality of Popular Scientific Books based on the Diversity of Tree Species on the Puting Riverbank

Kristina Febriana Panjaitan, Muhammad Zaini, Danang Biyatmoko

The Practicality of Popular Scientific Books based on the Diversity of Fish Species in Puting River Waters

Im Mahayu Buana Kusuma Rini, Muhammad Zaini, Danang Biyatmoko

Development of DORA Media (Interactive Video) on the Coordination System Materials of Grade XI Senior High School

Riska Sofiani Nurhidayah, Eva Nurul Malahayati, Devita Sulistiana

Development of ANIKOR Learning Media (Animated Coordination System) Biology for Grade XI SMA/MA

Nila Karinda, Dwi Kameluh Agustina, Eva Nurul Malahayati

The Practicality of E-LKPD Materials on Environmental Pollution to Practice Critical Thinking

Maria Magdalena, Aminuddin Prahatama Putra, Atiek Winarti

The Utilization of Various Medicinal Plants based on the Dayak Community Perspective in The Central Kalimantan as an Education for Sustainable Development

Fathul Zannah, Indah Sari Dewi

The Practicality of Popular Scientific Books based on the Diversity of Mangrove Shrubs in Tabanio Village

Chitania Millianton, Yudi Firmanul Arifin, Dharmono

The Development of Electronic Student Worksheets on the Concept of Animalia to Improve High School Level Critical Thinking Skills

Feby Tiara Noor Kharisma, Muhammad Zaini, Kaspul

Published by:



Accredited by:



ISSN Barcode:

