

IRiP (Indonesian Review of Physics) is a journal of physics and physics education research. It is compiled with a commitment to enhance quality of the research. Indonesian Review of Physics (IRiP) aims to provide a forum for researchers, lecturers, teacher and student on the topics related to physics and physics education. The journal was first published in 2018 and regularly published twice per year in June and December.

Editor in Chief

Fatin Aliah Phang
Scopus ID: 57192376607
Universiti Teknologi Malaysia
Johor Bahru, Malaysia
email: p-fatin@utm.my

Managing Editor

Dwi Sulisworo
Scopus ID:55317003800
Universitas Ahmad Dahlan
Yogyakarta, Indonesia
email: dwi.sulisworo@uad.ac.id

Advisory International Editorial Boards

Akihiko Tomita
Scopus ID: 7201880070
Wakayama University Japan
atomita@center.wakayama-u.ac.jp

Hassan K. Juwhari
Scopus ID: 6503859673
University of Jordan Jordan
juwhari@ju.edu.jo

**Muhammad Abdul Hadi
Bunyamin**
Scopus ID: 57195100817
Universiti Teknologi
Malaysia Malaysia
mabhadi@utm.my

Budhy Kurniawan
Scopus ID: 6602596727
Universitas Indonesia Indonesia
bkuru07@gmail.com

Dhani Herdiwijaya,
Scopus ID : 6507449743
Institut Teknologi Bandung,
Indonesia

Moh Toifur
Scopus ID: 570242327000
Universitas Ahmad Dahlan
Indonesia
mtoifur1807@gmail.com

Yudhiakto Pramudya
Scopus ID : 57192652457
Universitas Ahmad Dahlan Indonesia
yudhiakto.pramudya@pfis.uad.ac.id

Noorali T Jiwaji
Scopus ID : 57190731624
Open University of Tanzania
Tanzania, United
Republic of Tanzania
noorali.jiwaji@out.ac.tz

Johny Setiawan
Scopus ID: 8680503300
UNIMATRIX Verlag- Berlin,
Germany

Soeharto
Scopus ID : 57210115604
University of Szeged, Hungary

Habibi
Scopus ID : 57207760743
Universitas Pendidikan Mandalika
Mataram, Indonesia

Fitri April Yanti
Universitas Bengkulu,
Indonesia

M. Anas Thohir
Scopus ID : 57219217058
Universitas Negeri Malang, Indonesia

Muhammad Minan Chusni
Scopus ID : 57216163114
Universitas Islam Negeri Sunan
Gunung Djati, Indonesia

Editorial Asistant

Moh Irma Sukarelawan Universitas
Ahmad Dahlan Indonesia

Journal Manager

Moh Irma Sukarelawan Universitas
Ahmad Dahlan Indonesia

Publisher address:

Universitas Ahmad Dahlan (UAD)
Kampus 2 Universitas Ahmad Dahlan
Jalan Pramuka No. 42, Pandeyan, Umbulharjo, Yogyakarta - 55161
Telp. +62 274 563515, ext. 4902; Fax. +62 274 564604
Email: irip@mpfis.uad.ac.id

IRiP

(INDONESIAN REVIEW of PHYSICS)

Vol. 5 No.1, June 2022

Regular Papers:

Magnetodeposited Nickel on Cu Substrate with the Angle Variation of Magnetic Field

Moh. Toifur, Effilia Allun Jaladri, Efi Kurniasari, Yuni Latifah, M. Taufiqurrahman

Development of Photoelectric Effect Learning Media based on Arduino Uno

Hardi Hamzah, Dewi Sartika, Muhammad Nurkhalis Agriawan

Analysis of Land and Sea Temperatures Trend During 1985-2021 Period to Understand Local or Global Warming Effect in Bengkulu City

Arya J Akbar, Ashar Muda Lubis

Effect of Sintering Temperature on Crystal Structure and Conductivity of the CaCO₃-Doped Li₄Ti₅O₁₂ Anodes from Blood Clam Shells (*Anadara granosa*)

Marhan Ebit Saputra, Megawati Ayu Putri, Eka Febrianti, Widodo Budi Kurniawan

Development of Al-Qur'an-Based Physics Learning Media Applications to Improve Higher Order Thinking Skills and Spiritual Attitudes for Preservice Physics Teacher

Lailatul Nuraini, Firdha Kusuma Ayu Anggraeni, Alex Harijanto, Sri Handono Budi Prastowo, Subiki Subiki, Bambang Supriadi, Maryani Maryani, Sutarto Sutarto, Rayendra Wahyu

Published by
Universitas Ahmad Dahlan

IRiP	Vol.5	No.1	pp. 1-39	Yogyakarta, June 2022	p-ISSN 2621-3761 e-ISSN 2621-2889
------	-------	------	----------	--------------------------	--------------------------------------

Table of Contents

Regular Papers:

- Magnetodeposited Nickel on Cu Substrate with the Angle Variation of Magnetic Field** 1-7
Moh. Toifur, Effilia Allun Jaladri, Efi Kurniasari, Yuni Latifah, M. Taufiqurrahman
Universitas Ahmad Dahlan, Yogyakarta, Indonesia
- Development of Photoelectric Effect Learning Media based on Arduino Uno** 8-15
Hardi Hamzah, Dewi Sartika, Muhammad Nurkhalis Agriawan
Universitas Cendrawasih, Indonesia
Universitas Sulawesi Barat, Indonesia
- Analysis of Land and Sea Temperatures Trend During 1985-2021 Period to Understand Local or Global Warming Effect in Bengkulu City** 16-24
Arya J Akbar, Ashar Muda Lubis
Universitas Bengkulu, Indonesia
- Effect of Sintering Temperature on Crystal Structure and Conductivity of the CaCO₃-Doped Li₄Ti₅O₁₂ Anodes from Blood Clam Shells (*Anadara granosa*)** 25-31
Marhan Ebit Saputra, Megawati Ayu Putri, Eka Febrianti, Widodo Budi Kurniawan
Universitas Bangka Belitung, Indonesia
- Development of Al-Qur'an-Based Physics Learning Media Applications to Improve Higher Order Thinking Skills and Spiritual Attitudes for Preservice Physics Teacher** 32-39
Lailatul Nuraini, Firdha Kusuma Ayu Anggraeni, Alex Harijanto, Sri Handono Budi Prastowo, Subiki Subiki, Bambang Supriadi, Maryani Maryani, Sutarto Sutarto, Rayendra Wahyu
Universitas Jember