

# SCIENCE & TECHNOLOGY INDONESIA

A Peer Reviewed Research Journal of Science and Technology

VOLUME 1 NUMBER 1 OCTOBER 2016

## TABLE OF CONTENTS

Preparation and Characterization of Calcium Oxide From Crab Shell ( <i>Portunus Palagicus</i> ) and Its Application in Biodiesel Synthesis of Waste Cooking Oil, Palm and Coconut Oil DOI: <a href="https://doi.org/10.26554/sti.2016.1.1.1-7">https://doi.org/10.26554/sti.2016.1.1.1-7</a> <i>Minaria, Risfidian Mohadi</i> .....	1
Thermal Stability of Polyoxometalate Compound of Keggin $K_8[-SiW_{11}O_{39}]nH_2O$ With $SiO_2$ DOI: <a href="https://doi.org/10.26554/sti.2016.1.1.8-15">https://doi.org/10.26554/sti.2016.1.1.8-15</a> <i>Yunita Sari M A, Maria Danesti Situngkir</i> .....	8
Mg/Al Double Layer Hydroxides: Intercalation With $H_3[-PW_{12}O_{40}]nH_2O$ DOI: <a href="https://doi.org/10.26554/sti.2016.1.1.16-19">https://doi.org/10.26554/sti.2016.1.1.16-19</a> <i>Yuliza Hanifa, Neza Rahayu Palapa</i> .....	16
Organometallic $[Fe_3O(OOCC_6H_5)_6(H_2O)_3](NO_3)$ as Intercalant of Bentonite DOI: <a href="https://doi.org/10.26554/sti.2016.1.1.20-24">https://doi.org/10.26554/sti.2016.1.1.20-24</a> <i>Hasja Paluta Utami, Donny Maribot Siburian</i> .....	20
Keggin Type Polyoxometalate $H_4[-SiW_{12}O_{40}]nH_2O$ as Intercalant For Hydrotalcite DOI: <a href="https://doi.org/10.26554/sti.2016.1.1.25-28">https://doi.org/10.26554/sti.2016.1.1.25-28</a> <i>Neza Rahayu Palapa, Muhammad Said</i> .....	25

# SCIENCE & TECHNOLOGY INDONESIA

Science & Technology Indonesia is an international peer-review journal in the field of science and technology published by ARTS Publishing in collaboration with The Indonesian Science and Technology Society (Perhimpunan Biologi Indonesia and Department of Chemistry Sriwijaya University).

## **Editor in Chief**

Aldes Lesbani

## **Managing Editor**

Muhammad Said  
Risfidian Mohadi

## **Associate Editor**

Rino R Mukti  
Hendrik Oktendy Lintang  
Mohammad Basyuni

## **IT Support**

Tarmizi Taher

## **Address**

Editorial Office/Publisher  
Jl.Seruni RT 3 Bukit Besar, Palembang 30139-Indonesia

Prof. Aldes Lesbani  
Integrated Research Laboratory  
Graduate School, Sriwijaya University

## **Publication Schedule**

Science and Technology Indonesia Publish Quarterly (January, April, July, October)

## **Manuscript Submission**

Manuscript should be written in MS Word Format. Figure, illustration, scheme, and table included in manuscript file. Send the manuscript via web portal or email to [admin@sciencetechindonesia.com](mailto:admin@sciencetechindonesia.com)