

# SCIENCE & TECHNOLOGY INDONESIA

A Peer Reviewed Research Journal of Science and Technology

VOLUME 2 NUMBER 2 APRIL 2017

## TABLE OF CONTENTS

|  |    |
|--|----|
| Adsorption of Congo Red Using Kaolinite-Cellulose Adsorbent<br>DOI: <a href="https://doi.org/10.26554/sti.2017.2.2.29-36">https://doi.org/10.26554/sti.2017.2.2.29-36</a><br><i>Santa Oktavia Ginting, Risfidian Mohadi</i> .....  | 29 |
| Impregnation of Bentonite With Cellulose as Adsorbent of Congo Red<br>DOI: <a href="https://doi.org/10.26554/sti.2017.2.2.37-44">https://doi.org/10.26554/sti.2017.2.2.37-44</a><br><i>Monica Theresa, Santa Oktavia Ginting</i> .....   | 37 |
| Pillarization of Double Layer Hydroxides Using $H_3[-PW_{12}O_{40}]nH_2O$ : Effect of<br>Pillarization Time<br>DOI: <a href="https://doi.org/10.26554/sti.2017.2.2.45-49">https://doi.org/10.26554/sti.2017.2.2.45-49</a><br><i>Muhammad Imron, Muhammad Said</i> .....                              | 45 |
| Synthesis and Characterization of Metal Oxides Supported Keggin<br>Type Polyoxometalate $Rb_2K_2[-H_2SiV_2W_{10}O_{40}]nH_2O$<br>DOI: <a href="https://doi.org/10.26554/sti.2017.2.2.50-55">https://doi.org/10.26554/sti.2017.2.2.50-55</a><br><i>Eiffel Ostan Jeski Gultom, Aldes Lesbani</i> ..... | 50 |
| Preparation, Characterization, and Thermal Stability of $B_2O_3-ZrO_2$<br>DOI: <a href="https://doi.org/10.26554/sti.2017.2.2.56-58">https://doi.org/10.26554/sti.2017.2.2.56-58</a><br><i>Theresia Debora Simbolon, Risfidian Mohadi</i> .....  | 56 |

# 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)