

Table of contents

Volume 1282

2019

◀ Previous issue Next issue ▶

Sriwijaya International Conference on Basic and Applied Science 6–7 November 2018, Palembang, Indonesia

Accepted papers received: 26 June 2019

Published online: 14 August 2019

Open all abstracts

Preface

OPEN ACCESS

011001

Preface

+ Open abstract

 View article

 PDF

OPEN ACCESS

011002

Peer review statement

+ Open abstract

 View article

 PDF

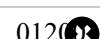
Papers

Mathematics and Applied Mathematics

OPEN ACCESS

012001

By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



On selected issues of Boolean function application in symmetric key cryptography against side channel attacks

Kamaruzzaman Seman, Muhammad Fahim Roslan, Azni Haslizan Ab Halim and M Nor Azizi Syam Mohd Sayuti

[+ Open abstract](#)[View article](#)[PDF](#)

012002

OPEN ACCESS
The effect of interactive demonstration method on heat energy learning

Ria Triayomi

[+ Open abstract](#)[View article](#)[PDF](#)

012003

OPEN ACCESS
Improved cloud computing model of internet pricing schemes based on Cobb-Douglas utility function

Indrawati, Fitri Maya Puspita, Evi Yuliza, Oki Dwipurwani, Yossy Eka Putri and Affriyanti

[+ Open abstract](#)[View article](#)[PDF](#)

012004

OPEN ACCESS
Optimization production and distribution using production routing problem with perishable inventory (PRPPI) models

Novi Rustiana Dewi, Eka Susanti, Eddy Roflin, Tiara Bella Octalia and Rika Novita

[+ Open abstract](#)[View article](#)[PDF](#)

012005

OPEN ACCESS
Naive Bayes classifier for infant weight prediction of hypertension mother

Anita Desiani, Rifkie Primartha, Muhammad Arhami and Osvari Orsalan

[+ Open abstract](#)[View article](#)[PDF](#)

012006

OPEN ACCESS
Joint life insurance based on Gompertz assumptions and interest rate affected by the exchange rate

Des Alwine Zayanti, Endang Sri Kresnawati and Mulya Megah

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



OPEN ACCESS

012007

Simulation of pension plan supplemental cost based on withdrawal rate interpolation and different benefit

Endang Sri Kresnawati and Yulia Resti

 Open abstract

 View article

 PDF

OPEN ACCESS

012008

Set covering models in optimizing the emergency unit location of health facility in Palembang

Robinson Sitepu, Fitri Maya Puspita, Setia Romelda, Ahmad Fikri, Beta Susanto and Hadir Kaban

 Open abstract

 View article

 PDF

OPEN ACCESS

012009

Triangular fuzzy number in probabilistic fuzzy goal programming with pareto distribution

Eka Susanti, Oki Dwipurwani, Robinson Sitepu, Wulandari and Liani Natasia

 Open abstract

 View article

 PDF

OPEN ACCESS

012010

Support vector machines for classification of low birth weight in Indonesia

Ning Eliyati, Alfensi Faruk, Endang Sri Kresnawati and Ika Arifieni

 Open abstract

 View article

 PDF

OPEN ACCESS

012011

A non-proportional hazards model with time-dependent variables for under-five mortality in Indonesia

Alfensi Faruk, Erlan Syahputra, Endro Setyo Cahyono and Sari Mutiara Aisyah

 Open abstract

 View article

 PDF

OPEN ACCESS

012012

Implementation of branch and cut method on n -sheet model in solving two dimensional cutting stock problem

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012013

Analysis of dengue fever disease transmission using suspected-infected-recovered (SIR) model

Endro Setyo Cahyono, Alfensi Faruk and Bambang Suprihatin

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012014

Pattern recognition for study period of student in Mathematics Department with C4.5 algorithm data mining technique at the Faculty of Mathematics and Natural Science Universitas Sriwijaya

Sugandi Yahdin, Anita Desiani, Ali Amran, Desty Rodiah and Solehan

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012015

Gilmore and gomory model on two dimensional multiple stock size cutting stock problem

Sisca Octarina, Vinny Ananda and Evi Yuliza

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012016

A path analysis model of students' statistics achievement

Dian Cahyawati, Wahyudin and Sufyani Prabawanto

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012017

Timetable creation of BRT Trans Musi Palembang on AAL Ampera route

Irmeilyana, Indrawati, Ali Amran and Reyfaldo Tomy

[+ Open abstract](#)[View article](#)[PDF](#)

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



OPEN ACCESS

012018

Analyzing characteristics of Songket Palembang weavers productivity using path analysis

Irmeilyana, Anita Desiani, Ngudiantoro, Salman Alfarisy and Putri Asia Andreani

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012019

Limiting Distribution of the Bootstrap Parameter Estimator of a Second Order Autoregressive Model

Bambang Suprihatin, Endro Setyo Cahyono and Alfensi Faruk

[+ Open abstract](#)[View article](#)[PDF](#)**Physics and Applied Physics****OPEN ACCESS**

012020

Investigate the effects of synthesizing techniques on the particle size reduction and thermal behaviors of carbon-based material from natural wood charcoal

Barlin and W C Chang

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012021

Is TRMM product good proxy for gauge precipitation over peat land area of the South Sumatera?

Muhammad Irfan, Wijaya Mardiansyah, Menik Ariani, Albert Sulaiman and Iskhaq Iskandar

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012022

Preparation and characterization of epoxy resin bonded magnet prepared by using jet milled NdFeB

Meiliyana Eka Sari, Ramlan and Mulyadi

[+ Open abstract](#)[View article](#)[PDF](#)

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.

012022



Study of Saros cycle and non-partial solar eclipse with Newton mechanics approach

Akhmad Aminuddin Bama, M R Tamara, Arsali and D Marini

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012024

Integration of Gas Sensors as an Exhaust Gas Monitoring Device from Green Roasting Process of Various Coffee Beans

Samsidar, K N Sawitri, R Purbakawaca, M Ridho, Heriyanti, L Marlinda and Sutrisno

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012025

Application of advanced research WRF model using tropical (New Tiedtke) scheme and Kain-Fritsch scheme in predicting short-term weather in Palembang and its surrounding areas

Octavianus Cakra Satya, Arsali, Puad Maulana Mandailing and Hadir Kaban

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012026

Effect of Al_2O_3 addition with concentration ($x=0.1\%, 0.2\%, 0.4\%$) mol on the crystal structure and physical properties of permanent magnets barium hexaferrite ($\text{BaO}_6\text{Fe}_2\text{O}_3$)

Ramlan, Febriyani Amizwan, Mulyadi, Suprapedi and Dedi Setiabudidaya

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012027

The effect of drying temperature on chemical composition of chitosan powder from fishbone waste to hydroponic Deep Water Culture (DWC) application

Anita Ekawati, Fitri Suryani Arsyad and Idha Royani

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012028

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



Enda Susanty, Menik Ariani, Zaki Su'ud and Fiber Monado

 Open abstract

 View article

 PDF

OPEN ACCESS

012029

The effect of atrazine concentration on galvanic cell potential based on *molecularly imprinted polymers* (MIPS) and aluminium as contact electrode

Idha Royani, Assaidah, Widayani, Mikrajuddin Abdullah and Khairurrijal

 Open abstract

 View article

 PDF

OPEN ACCESS

012030

Effect of template removal process with methanol solvent on cavities number of melamine molecularly imprinted polymer (MIPS)

Farhan Syawali, Erry Koriyanti and Idha Royani

 Open abstract

 View article

 PDF

OPEN ACCESS

012031

The effect of oil palm shell ash to asphalt characteristics

Winsyahputra Ritonga, Nila Yosefa Ritonga, Muhammad Aswin Rangkuti, Eddiyanto and Septian Prawijaya

 Open abstract

 View article

 PDF

OPEN ACCESS

012032

Analysis crystal structure of magnetic materials $\text{Co}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$

Akmal Johan, Wisnu Ari Adi, Fitri Suryani Arsyad and Dedi Setiabudidaya

 Open abstract

 View article

 PDF

OPEN ACCESS

012033

Synthesis of polyvinylpyrrolidone/mangosteen pericarp extract (MPE) fibered particles using electrospray

Y A Rezeki, N Wahyuni, M M Munir and K Khairurrijal

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012034

Determination of the Pythagorean scale using a half wavelength theory of standing-wave

Hadir Kaban, Yulinar Adnan, Jorena Bangun, Aleksi Cipta Yoga and Akhmad Aminuddin Bama

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012035

The irregularity of Avogadro's hypothesis and determination of the gas constant value (R)

Akhmad Aminuddin Bama and Almunady T. Panagan

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012036

An analysis of Coulomb stress change and triggering interaction toward seismic activities in the area West Sumatera within January 2000-June 2018

Asmaniari, Azhar K Affandi, Siti Sailah, Sabar Ardiansyah and Milzam Wafiazizi

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012037

Analysis of Kepler's law to the movement of celestial bodies

Galuh Titi Fatimah, Dian Marini, Supardi and Akhmad Aminuddin Bama

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012038

Fracture indentification around the aum geothermal manifestation using 2d resistivity method

F Virgo, Erni, A K Affandi and M Y N Khakim

[+ Open abstract](#)[View article](#)[PDF](#)

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



OPEN ACCESS

012039

The effect of milling time on the structure properties and morphology of aluminium powder from construction industry waste milled using high energy milling

Ratu Inayah Ilahi, Fitri Suryani Arsyad, Dwika Sari and Miftahul Jannah

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012040

Surface Morphology Properties Doped RuO₂ (0, 2, 4, 6%) of Thin Film LiNbO₃

Irzaman, Mahfuddin Zuhri, Novitri, Irmansyah, Ardian Arif Setiawan and Husin Alatas

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012041

Waste as fastest cycle of renewable energy sources through TOSS Model

Supriadi Legino, Ranti Hidayawanti and Irma Wirantika

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012042

Dark matter hypothesis to maintain theory of gravity

Wardah Intan Meidina, Supardi and Akhmad Aminuddin Bama

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012043

Temperature carbonization effect on the quality of activated carbon based on rubber seed shell

Aulia, Aprilianda, F S Arsyad and A Johan

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012044

Study the synthesis of LiBOB compounds using lithium sources from sea water

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



T. Lestariningsih, Q Sabrina, I. Nuroniah, B. Prihandoko, E. Marti Wigayati and C. Rina Ratri

 Open abstract

 View article

 PDF

OPEN ACCESS

012045

Change of Structure and Magnetic Properties of La-Substituted Barium Hexaferrite

Yana Taryana, Azwar Manaf and Wisnu Ari Adi

 Open abstract

 View article

 PDF

OPEN ACCESS

012046

Effect of temperature sintering on physical properties, hardness and crystal structures of ceramic TiO₂ doped with 2 % Fe₂O₃

Fika Umia, Ramlan, Priyo Sardjono, Muljadi and Suprapedi

 Open abstract

 View article

 PDF

OPEN ACCESS

012047

Effect of sintering temperature variations of barium hexa ferrite on physical properties and crystal structure

Mulyadi, Ramlan, A A Rahayu, P Sardjono and Djuhana

 Open abstract

 View article

 PDF

OPEN ACCESS

012048

Analysis Physical and Crystal Structure of BaFe_{12-4x}Al_{4x}O₁₉ at x=0.007 Prepared by Powder Metallurgy Method

Anis Dharmayanti, Ramlan, Muljadi and Priyo Sardjono

 Open abstract

 View article

 PDF

OPEN ACCESS

012049

Effect of various sintering temperature of ceramic TiO₂ on physical properties and crystall structure

Mulyadi, Ramlan, Siti Nur' Aini and Djuhana

 Open abstract

 View article

 PDF

This open access article is licensed under a Creative Commons Attribution 3.0 Unported Licence. By viewing this article you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



OPEN ACCESS

012050

Analysis mechanical, magnetic and micro structure on composite hybrid magnet NdFeB-BaO₆Fe₂O₃ prepared by using silicon rubber

Suprapedi, Muljadi and Ramlan

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012051

Design of digital resistivity-meter for subsurface exploration

Maison, K.N. Sawitri, Samsidar, L. Handayani, R. Purbakawaca and J. Nurjaman

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012052

Sea surface temperature variability in the Makassar strait during ENSO (*El nio* Southern Oscillation) from the Terra-MODIS data sets

R N Purwandari, S Mubarrok and I Mandang

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012053

Analysis of seismicity level and return period of bengkulu area earthquake from 1960-2017

Desy Patricia, Siti Sailah and Azhar K Affandi

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012054

Analysis of peak ground acceleration (PGA) using the probabilistic seismic hazard analysis (PSHA) method for Bengkulu earthquake of 1900 – 2017 period

Delita M Puteri, Azhar K Affandi, Siti Sailah, Nurul Hudayat and Mahdi Kokab Zawawi

[+ Open abstract](#)[View article](#)[PDF](#)

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.

OPEN ACCESS

Effect of composition of LiMn_2O_4 cathode sheet on the electrochemical performance of lithium ion battery

012055

Beta Riana Liasari, Jorena Bangun, Slamet Priyono and Ramlan

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012056

Effect of polymer binders on the electrochemical Performance of Al-doped lithium titanate electrode

S Priyono, T D Sari, Ramlan, A Subhan and B Prihandoko

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012057

The attainment of 100 percent electrification ratio in the archipelago of Indonesia by people way electricity initiative

Supriadi Legino, Rakhmat Arianto and Nurmiati Pasra

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012058

Optical properties doped RuO_2 (0, 2, 4, 6%) of thin film LiNbO_3

Mahfuddin Zuhri, Novitri, Irmansyah, Ardian Arif Setiawan, Husin Alatas and Irzaman

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012059

Crystalline structures properties doped RuO_2 (0, 2, 4, 6%) of thin film LiNbO_3

Ardian Arif Setiawan, Novitri, Irzaman, Mahfuddin Zuhri, Irmansyah and Husin Alatas

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012060

Mechanical and magnetic properties of flexible magnet Ba-hexa Ferrite

Ramlan, Muljadi, Priyo Sardjono, Suprapedi and Dedi Setiabudidaya

This site uses cookies. By continuing to use this page you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



OPEN ACCESS

012061

Natural rubber composites for solid tyre used for forklift tensile properties and morphological characteristics

Nasruddin and Aprillena T Bondan

[+ Open abstract](#)[View article](#)[PDF](#)

Chemistry and Applied Chemistry**OPEN ACCESS**

012062

Analysis and enhancement of the ethanol resistance of *Pichia kudriavzevii* N77-4, a strain newly isolated from the Korean traditional fermentation starter *Nuruk*, for improved fermentation performance

M Sugiyama, T Fukaya, J Y Moon, K Ishida, A Matsushita, S Y Kim and S H Yeo

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012063

Synthesis and characterization of meropenem imprinted polymer

Lasmaryna Sirumapea, M Ali Zulfikar, M Bachri Amran and Anita Alni

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012064

Isolation of active compounds from the leaf extract of patah kemudi (*Abroma augusta* L.) and its anti-inflammatory activity

M Latief, H Amanda, A Utami, Muhammin and Nurhayati

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012065

Utilization of catalyst-coated membrane (CCM) and spraying methods in fabrication membrane electrode assembly (MEA) for direct methanol fuel Cell (DMFC) using Pt-Co / C catalyst

D Rohendi, N Syarif, M Said, M T Utami and Y Marcelina

[+ Open abstract](#)[View article](#)[PDF](#)

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



OPEN ACCESS

012066

Biosorption of Cu(II) onto algae biomass (*Oscillatoria Splendida*) isolated from swamp water ecosystem in Palembang, South Sumatera

Risfidian Mohadi, Doni Setiawan and Hilda Zulkifli

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012067

Determination of quality parameters in nata de cocolawak as hepatoprotector functional food

Indah Solihah, Miksusanti, Rennie Puspa Novita and Sandy Yoga Ramadhan

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012068

Supramolecular design of Benzene-1,3,5-Tricarboxamide with Hydrophobic Alkyl side chains toward long-range liquid crystalline properties

H O Lintang, J Matmin and L Yuliati

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012069

Hemocompatibility study of surface-attached antibiofouling polymer monolayers

Bidhari Pidhatika

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012070

Tuning the stability of red color natural pigments in fruit extracts by pH control

Leny Yuliati, Juliana and R Indrawati

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012071

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



Development of potentiometry method for Zn²⁺ analysis

Suheryanto, Rani Nawang Sari and Poedji Loekitowati Hariani

 Open abstract

 View article

 PDF

012072

Physical properties analysis of the liquid produced by polystyrene pyrolysis

Selpiana, Budi Santoso, Dede Pramayuda and Damar Setyo Ismoro

 Open abstract

 View article

 PDF

012073

Film (patch) based on starch compound hydrolyse by amylase from saliva and bacteria

Miksusanti, Herlina, A.N Fithri, Yuniar, V Novalin and Julinar

 Open abstract

 View article

 PDF

012074

Synthesis and characterization schiff base and complexes with Copper (II) and Iron (II) and their application as antibacterial agents

N Hidayati, Fatma and W Purwaningrum

 Open abstract

 View article

 PDF

012075

Adsorption of congo red using Mg/Fe and Ni/Fe layered double hydroxides

N Hidayati, D R Aprilian, Helda, T Taher, R Mohadi, Elfita and A Lesbani

 Open abstract

 View article

 PDF

012076

Monitoring of formulation and hazardous ingredients of residential insecticide which sold in Palembang

Mia Hayati Khairunnisa, Ahmad Ghiffari, Chairil Anwar and Dalilah Dalilah

 Open abstract  View article  PDF you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



OPEN ACCESS

012077

No antimalarial resistance of *Plasmodium falciparum* varian West Indonesia using molecular markers screening

Ahmad Ghiffari, Rahman Rahman and Chairil Anwar

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012078

Effect of impregnation methods and bioresin concentration on physical and mechanical properties of soft-inner part of oil palm trunk

R Hartono, Erwinskyah, W Hidayat and R Damayanti

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012079

Modification of cellulose with acetic acid to removal of methylene blue dye

Poedji Loekitowati Hariani, Fahma Riyanti and Asri Kurniaty

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012080

Synthesis of chitosan/alumina composite by sol gel method for adsorption of procion blue MX-R dye from wastewater songket industry

Fatma, Nova Yuliasari, Fahma Riyanti, Poedji Loekitowati Hariani and Barisah Nurbaiti

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012081

The conversion of expanded polystyrene waste to liquid fuel using Cu-Al₂O₃ by the thermal catalytic cracking process

Selpiana, Budi Santoso, Debi Putri Suprapto, Ridho Patratama and Dede Pramayuda

[+ Open abstract](#)[View article](#)[PDF](#)

OPEN ACCESS

012082

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



Quantification of volatile organic compounds (VOCs) to predict petroleum at Sungai Rambai in Jambi province

Rahmi, Sutrisno, Rayandra Ashyar and A T K Wardana

 Open abstract

 View article

 PDF

OPEN ACCESS

012083

Protection of mild steel from corrosion using methanol extract of avocado (*Persea americana mill*) seeds in a solution of sulfuric acid

D R Gusti, I Lestari, F Farid and P T Sirait

 Open abstract

 View article

 PDF

OPEN ACCESS

012084

Nanoparticulate formulation of christmas palm seed (*Adonidia merrillii*) ethanolic extract containing lactic acid for antidiarrheal therapy

Mardiyanto, Sofia Sandi, Herlina and Ivan Kurniawan

 Open abstract

 View article

 PDF

OPEN ACCESS

012085

Effectiveness of Ethanolic Extract Ketepeng cina Leaves (*Senna alata* L.) As Antidiabetic Activity Test In Male Wistar Rats Induced by Alloxan

Herlina, Annisa Amriani, Indah Solihah, Putri Damayanti and Sri Wahyuningsih Rais

 Open abstract

 View article

 PDF

OPEN ACCESS

012086

The Rationality of Antihypertensive and Oral Antidiabetic Patients with Chronic Kidney Disease with Hypertension and or Type 2 Diabetes Mellitus in RSI Siti Khadijah Palembang

Rennie Puspa Novita, Herlina, Arya Prasetya Beumaputra and Arini Alfa Hidayah

 Open abstract

 View article

 PDF

OPEN ACCESS

012087

Study on the anti-inflammatory properties of Karantungan (*Rhodomyrtus Tomentosa* (Ait.) Hassk) leaf extracts



Indah Solihah, Widya Wulandari, Herlina, Riana Sari Puspita Rasyid and Tri Suciati

 Open abstract

 View article

 PDF

012088

Antioxidant activity of isolated compound from perepat roots (*Sonneratia alba*)

M Latief, A Utami, H Amanda, Muhammin and Z Afifah

 Open abstract

 View article

 PDF

012089

Environmental Sciences

OPEN ACCESS

012089

Utilization of remote sensing imagery data to determine the priority location of green open space as child-friendly integrated public space in Palembang City

Nurrohman Nafiudin, Ardiansyah and Rokhmatuloh

 Open abstract

 View article

 PDF

012090

OPEN ACCESS

012090

Landcover change analysis of besitang watershed, Langkat-North Sumatera

Anita Zaitunah, Samsuri and Amaliyah Putri

 Open abstract

 View article

 PDF

012091

OPEN ACCESS

012091

Inventory of wildlife in the protected forest area Bukit Jambul Gunung Patah as basic data to support sustainable management

D Setiawan, E Patriono, H Marisa, A Setiawan, I Yustian, Pragustiandi and M Iqbal

 Open abstract

 View article

 PDF

012092

OPEN ACCESS

012092

Estimation of mixed Bayend depth from argo float data in Makassar strait during el nino southern oscillation and Cookies policy.



F Amalia, S Mubarok and I Mandang

 Open abstract



[View article](#)



[PDF](#)

OPEN ACCESS

012093

Air-Sea interaction in the Tropical Pacific Ocean during 2018 as revealed by multi-satellite data

Willy Antakusuma, Muhamad Nur and Iskhaq Iskandar

 Open abstract



[View article](#)



[PDF](#)

OPEN ACCESS

012094

Implementing triple helix through *Listrik Kerakyatan* initiative: community-based energy from waste

Amanda Trisia Supriadi, Supriadi Legino, Yudhy S Purwanto, Dewi Arianti Wulandari and Hendra Jatnika

 Open abstract



[View article](#)



[PDF](#)

OPEN ACCESS

012095

Kinship of the swamp buffalo (*bubalus bubalis*) in Tanjung Senai, Ogan Ilir, South Sumatra based on morphological characteristics

Yuanita Windusari, Laila Hanum, Arum Setiawan, Rahmat Pratama, Desi Puspita Sari and Rizki Palupi

 Open abstract



[View article](#)



[PDF](#)

OPEN ACCESS

012096

Measurement and analysis of TS-Frequency relationship on mackerel tuna (*Euthynnus affinis*) using bandwidth frequency

I Jaya, R Aulya and Fauziyah

 Open abstract



[View article](#)



[PDF](#)

OPEN ACCESS

012097

Comparative photocatalytic performances towards acid yellow 17 (AY17) and direct blue 71 (DB71) degradation using Sn_3O_4 flower-like structure

A Huda, R Ichwani, C T Handoko, M D Bustan, B Yudono and F Gulo

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012098

Enhanced photocatalytic CO₂ reduction activity of silvered titania prepared by wet deposition method

C T Handoko, A Huda, M D Bustan, B Yudono and F Gulo

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012099

Diversity, dominancy and density of Tree Stage Plants of Sriwijaya University Forest Area Indralaya

D Setiawan, H Marisa and D P Indriani

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012100

Biological response to quails (*Coturnix coturnix*) given hydrolyzed feather meal at different levels

M I Said, E Abustam, W Pakiding and M Z Mide

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012101

Detecting the association between Salagundi (*Roudholia teysmanii*) and other vegetation at Salib Kasih tourism areas

K S Hartini and I L Silitonga

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS**

012102

The dynamics of functional microbes population in two depths under raru (*Cotylelobium* spp) stand

D Elfiati, A Susilowati and C Modes

[+ Open abstract](#)[View article](#)[PDF](#)**OPEN ACCESS** Cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.

012102

Influence of environmental parameters on the shrimp catch in Banyuasin Coastal Water, South Sumatra, Indonesia

Fauziyah, F Agustriani, A I S Purwiyanto, W A E Putri and Y Suteja

[+ Open abstract](#)[View article](#)[PDF](#)

012104

Microplastics Dissemination from Fish *Mugil dussumieri* and Mangrove Water of Muara Teluknaga, Tangerang, Banten

Nur H F Rahmawati and Mufti P Patria

[+ Open abstract](#)[View article](#)[PDF](#)

012105

Distribution of phytoplankton diversity and abundance in Maspari island waters, South Sumatera, Indonesia

Rozirwan, I Iskandar, M Hendri, R Apri, Supardi, N Azhar and W Mardiansyah

[+ Open abstract](#)[View article](#)[PDF](#)

012106

Identification of surface macro debris in river flow and estuary of Musi River, South Sumatera Province, Indonesia

R Maherlsa, A IS Purwiyanto, F Agustriani, W AE Putri, Fauziyah and Ferdiansyah

[+ Open abstract](#)[View article](#)[PDF](#)

012107

A numerical study of mixing and sediment transport caused by tidal in the Bontang waters

N Alghifari, Y N Nasution and I Mandang

[+ Open abstract](#)[View article](#)[PDF](#)

012108

Providing biodiversity information to support sustainable development of Sugihan wetlands, South Sumatra

Arum Setiawan, Muhammad Iqbal, Doni Setiawan and Indra Yustian

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



OPEN ACCESS

012109

Microplastic contamination on *Anadara granosa* Linnaeus 1758 in Pangkal Babu mangrove forest area, Tanjung Jabung Barat district, Jambi

Syaidah Fitri and M P Patria

 Open abstract

 View article

 PDF

OPEN ACCESS

012110

Propagation for conserving endangered taxol producing tree *Taxus sumatrana* through shoot cuttings technique

A Susilowati, H H Rachmat, C R Kholibrina, K S Hartini and H A Rambe

 Open abstract

 View article

 PDF

JOURNAL LINKS

[Journal home](#)

[Journal Scope](#)

[Information for organizers](#)

[Information for authors](#)

[Contact us](#)

[Reprint services from Curran Associates](#)

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.



This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our Privacy and Cookies policy.

