

Contents

Original Articles

- 270-285 **INTEGRATED DIGITAL BAFFLE ELECTRO-PHOTO CATALYTIC OXIDATION REACTOR FOR HEAVY METAL REMOVAL: PERFORMANCE AND STATISTICAL EVALUATION**
Mahmoud A. Sharshoh, Ali Saleh Jafer, Lqaa Tareq Hadi, Raid T. Al-Khateeb, Ali A. Hassan and Amer T. Nawaf
- 286-292 **PROFILING OF METABOLITES IN *Chromolaena odorata* USING GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS) AND ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATR-FTIR)**
Nurdalila A'wani Aziz, Mohd Zuhaifah Mohamed Jamil, Liyana Amalina Adnan, Wan Amirul Solihin Wan Abdul Rahim, Mohamed Farhan Fadly Mohd Pahamin, Nur Fazidah Asmuje, Ahmad Hakimi Shaffie and Nur Nadia Fadhlina Daman Huri
- 293-304 **BIOPLASTICS MADE FROM STARCH FROM SAGO WASTE (METROXYLON SAGOO) WITH GLYCEROL VARIATION USING MELT INTERCALATION METHOD**
Surati, Muhammad Rijal and Rosmawati
- 305-316 **SKIN SECRETIONS OF BORNEAN FROGS REVEAL ANTIMICROBIAL PEPTIDES WITH INSULIN RELEASING PROPERTIES IN HIT-T15 CELLS**
Amera A. M. Abdalnabi, Muna Sabri, Zunika Amit and Ramlah Zainuddin
- 317-336 **ENHANCING THE MULTIDIMENSIONAL SCALING APPROACH FOR DESIGNING AGRITOURISM SUSTAINABILITY STRATEGY**
Dany Juhandi, Asmara Wildani Pasaribu, Nora Analisa Br Sinulingga and Nilam Kemala Odang
- 337-354 **FAMILY COMPOSITION, DIVERSITY AND DISTRIBUTION OF AQUATIC INSECTS IN STREAMS OF TAMAN NEGARA SUNGAI RELAU, MERAPOH, PAHANG, PENINSULAR MALAYSIA**
Pang Suk-Mei, Wahizatul Afzan Azmi and Amirrudin Ahmad
- 355-371 **PHYTOCHEMICAL SCREENING, NUTRITIONAL PROFILING AND ENZYMATIC ACTIVITY OF THE LIPOSU (*Baccaurea lanceolata*) PULP AS POTENTIAL ANTI-OBESITY AGENT**
Mohd Nazri Abdul Rahman, Tan Yew Ming, Nor Hayati Muhammad, Nurul Huda, Mohd Khalizan Sabullah and Halid Sheriff Adegbusi

- 372-383 [PHYSICOCHEMICAL AND ECOTOXICOLOGICAL ASSESSMENT OF WASTEWATER FROM THE YAMO USSOUKRO REGIONAL HOSPITAL CENTER TREATMENT PLANT](#)
Akotto Achiepo Gaetan, Briton Bi Gouessé Henri, Assémian Alain Stéphane, Adou Kouakou Eric, Rekik Hela, Yao Kouassi Benjamin and Drogui Patrick
- 384-407 [RESILIENCE AGAINST TIDAL FLOODING: A HISTORICAL PERSPECTIVE FROM SEMARANG CITY'S COASTAL DISTRICTS](#)
Novi Maulida Ni'mah, Bambang Hari Wibisono and Muhammad Sani Roychansyah
- 408-429 [ENHANCING SETTLEMENT RESILIENCE TO FLASH FLOODS THROUGH INFRASTRUCTURE STRENGTHENING AND LAND READJUSTMENT IN WAKE VILLAGE](#)
Muhammad Tharziansyah and Akbar Rahman
- 430-448 [REVEALING THE ROLE OF LIVELIHOOD ASSETS IN SHAPING THE LIVELIHOOD DIVERSIFICATION OF COASTAL COMMUNITIES IN YOGYAKARTA, INDONESIA](#)
Asmorowati, Muhammad Baiquni, Langgeng Wahyu Santosa and Lina Agustina Pujiwati
- Review Articles*
- 449-470 [GLOBAL BLUE CARBON RESEARCH: A BIBLIOMETRIC ANALYSIS WITH A FOCUS ON SMALL ISLAND ECOSYSTEMS \(CASE STUDY IN INDONESIA\)](#)
Deli Wakano, Iskandar Z. Siregar, Fredinan Yulianda, Irman Firmansyah and Bono Pranoto
- 471-498 [ENHANCEMENT OF CLADOCERA NUTRITION AS LIVE FOOD FOR AQUACULTURE BY UTILISING ESSENTIAL NUTRIENTS FROM VALUABLE PLANT BY-PRODUCT RESOURCES: A REVIEW](#)
Faisal Othman, Nabilah Abdul Hadi, Hon Jung Liew and Nadiah W. Rasdi
- 499-526 [IMPLEMENTATION FRAMEWORK FOR ECO-ENGINEERING, NATURE-BASED SOLUTIONS AND ADAPTIVE APPROACHES IN COASTAL DEVELOPMENT: A SYSTEMATIC REVIEW](#)
Kong Shih Shan, Mustafa Kamal Ernawati and Chee Su Yin