

Contents

Original Articles

- 201-209 HISTOLOGICAL STUDY OF SKIN STRUCTURE VARIATION ACROSS DIFFERENT BODY REGIONS OF FOUR-LINED TREE FROG IN SARAWAK (*Polypedates leucomystax*) AMPHIBIA: ANURA: RHACOPHORIDAE
Aida Zulaikha Fityati Sulaiman, Ahmad Hata Rasit and Ramlah Zainudin
- 210-227 FIELD BODY TEMPERATURES OF BORNEAN FROGS: A STUDY OF THERMOREGULATORY STRATEGIES
Eugenie Clare Kaboi and Ramlah Zainudin
- 228-255 COMPARATIVE TRANSCRIPTOME ANALYSIS TO DETERMINE DIFFERENTIALLY EXPRESSED GENES RESPONSIBLE TOWARDS GROWTH OF METROXYLON SAGU
Fifi Hafizzah Pendi, Wei-Jie Yan, Hasnain Hussain, Hairul Azman Roslan, Zainab Ngaini and Norzainizul Julaihi
- 256-272 ASSESSMENT OF DECAPSULATION METHOD AND THE EFFECT OF ALGINATE ENCAPSULATION ON *E. Coli* CELL VIABILITY
David Hong-Sheng Wee and Hasnain Hussain
- 273-282 EFFECT OF GREEN POLYMERISATION VIA MICROWAVE-ASSISTED SYNTHESIS ON MORPHOLOGY, SIZE, AND REBINDING PROPERTIES OF ASPIRINATE MOLECULARLY IMPRINTED POLYMER
Vannessa Lawai, Zainab Ngaini and Ahmad Aniq Noor Bahar
- 283-296 SYNTHESISING KOJIC PALMITATE NONIONIC SURFACTANT AS AN ALTERNATIVE APPROACH TO REMOVE ENVIRONMENTALLY POLLUTING COOKING OIL
Humaira Ismail, Amira Satirawaty Mohamed Pauzan and Maya Asyikin Mohamad Arif
- 297-314 SYNTHESIS OF GRAPHENE OXIDE FROM SAGO WASTE FOR REMOVAL OF LEAD(II) IONS IN WATER
Dayang Norafizan Awang Chee, Nur Afiqah Kamaludin, Lucy Sylvester, Muhammad Shamil Soffian, Faezrul Zackry Abdul Halim, Claudeareena Gardling and Mohamed Afizal Mohamed Amin

- 315-325 DIFFERENTIALLY EXPRESSED PROTEIN PROFILES OF BARIO UPLAND AND MR219 LOWLAND RICE CULTIVARS
Nur Ezzati Hamdin, Hasnain Hussain, Nikson Fatt-Ming Chong and Azham Zulkharnain
- 326-336 OPTIMISATION OF WILD BIRDS' FECAL EXTRACTION USING MACHEREY-NAGEL NUCLEOSPIN DNA STOOL KIT
D. F. A. Gawin, H. A. Segaya and C. P. Salor
- 337-345 THE PREVALENCE OF HAEMOPARASITES OF ANURANS IN AN URBAN HABITAT OF KOTA SAMARAHAN, SARAWAK, MALAYSIAN BORNEO
Zalifah Husna Ali, Abang Haziq Abang Ismail, Ahmad Shahmi Abdul Salim and Madinah Adrus
- 346-363 OPTIMISING METHYLENE BLUE REMOVAL USING SAGO EFFLUENT ACTIVATED CARBON: A RESPONSE SURFACE METHODOLOGY STUDY
Zainab Ngaini, Nur Aqilah Makshut, Nurul Iwani Mahmut, Noraqilah Mohd Adzmi, Nurlidza Arsat and Abigail Vanessa Ziem
- 364-389 ADVERTISEMENT CALL CHARACTERISTICS OF MALE SARAWAK FROGS (FAMILY RANIDAE)
Elvy Quatrin Deka and Ramlah Zainudin
- 390-406 MORPHOLOGICAL VARIATION OF *Pelobatrachus nasutus* (SCHLEGEL, 1858) (ORDER: ANURA, FAMILY: MEGOPHRYIDAE) FROM DIFFERENT LOCALITIES IN SARAWAK
Chrislyn Mujan Donol, Ramlah Zainudin and Elvy Quatrin Deka
- Review Article***
- 407-419 APPLICATION OF FEEDING MACHINES IN EPINEPHELINAE GROUPERS GROW-OUT CULTURE: A BRIEF OVERVIEW
Tan Zi Kai, Au Hsein-Loong, Lim Kit Guan, Teo Kenneth Tze Kin, Rayner Alfred, Mohammad Tamrin Mohamad Lal, Rossita Shapawi and Lim Leong-Seng