

CONTENTS

ISSN 1859-1531 – The University of Danang - Journal of Science and Technology, Vol. 20, No. 6.1, 2022

ENGINEERING AND TECHNOLOGY

A study on the synthesis of MoS ₂ /rGO and the investigation of their charge-discharge properties when used as cathode material in a rechargeable Zn-ion battery <i>Kien Nguyen-Ba, Huy Le-Quoc, Anh T. Vo, Khan Dinh-Thanh, Duc Binh Luu</i>	1
Adaptive robust tracking RBF neural networks control for industrial robot manipulators based on backstepping <i>Vu Thi Yen</i>	5
Investigated behavior of the top-base foundation using finite element analysis <i>My PHAM, Khanh-Toan LE</i>	12
Local image fitting based active contour loss with deep learning for nuclei segmentation <i>Thi-Thao Tran, Van-Truong Pham</i>	19
Stability evaluation of a large-scale offshore wind farm integrated into a power system via an HVDC link and an HVAC line <i>Quang Son Vo, Thanh Bac Le</i>	24

NATURAL SCIENCES

Chemical composition of <i>Triumfetta pseudocana</i> Sparague & Craib, collected in Lamdong, Vietnam <i>Le Thi Hong Nhung, Nguyen Thi Lieu</i>	30
Degradation of chlorthianidin from Dantutso 50WG in electrochemical process: Kinetics and role of reactive species <i>Nguyen Tien Hoang</i>	35
Investigation of pest species and population dynamics of the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel, 1912), in the water apple gardens in different seasons, Caolanh city, Dongthap province <i>Nguyen Thi Oanh, Nguyen Kim Bup</i>	41
Phase diagram of graphene in the presence of spin-orbit coupling and electron-electron interaction <i>Phung Thi Thu, Nguyen Thi Mai, Pham Thi Lien, Nguyen Thanh Tung, Ngo Thi Lan</i>	46
The prediction of <i>pKa</i> values for phenolic compounds by the DFT theory <i>Nguyen Thi My, Nguyen Van Din, Mai Van Bay</i>	50

SOCIAL SCIENCES

Are longer annual reports less readable? Evidence from foreign firms listed on the United States Stock Exchanges <i>Nguyen Thi Thuy Phuong, Nguyen Thanh Huong</i>	58
Cash flows – investment sensitivity under financial constraints: The case of Vietnam <i>Thai Thi Hong An, Ha Le Hong Ngoc</i>	64
Country-level determinants, takeover locations, and the gains to target firms <i>Hoang Duong Viet Anh, Dang Huu Man, Duong Nguyen Minh Huy</i>	69
Effects of exchange rate pass-through on inflation in Vietnam <i>Huynh Thi Dieu Linh, Nguyen Anh Thu</i>	78

Factors affecting value added tax compliance behavior of enterprise: A study of the Tax Office of Binh Tan district, Ho Chi Minh city <i>Nguyen Phan Thu Hang, Trinh Thi Nhan</i>	84
Market competition and earnings management: Evidence from Vietnam <i>Doan Nguyen Trang Phuong</i>	90
Online news consumption about COVID-19 pandemic a snapshot from Vietnam <i>Tran Thi Yen Minh</i>	96
Post-traumatic stress disorder among university students in the Vietnam's fourth COVID-19 wave <i>Nguyen Thi Tuong Vi, Nguyen Tan Thach, Tran Thi Bach Truc, Bui Minh Triet, Le Tho Minh Hieu, Le Minh Tu Phan, Hoang Thi Nam Giang</i>	103
The effect of COVID-19 pandemic on firms: Evidence from Vietnam <i>Vo Thi Thuy Anh, Tran Nguyen Tram Anh</i>	108
The moderating role of perceived CSR messages on the relationship between e-WOM and online customer trust <i>Nguyen Hong Quan, Pham Lan Huong, Pham Thai Ha, Tran Hong Ha, Ha Minh Ngoc, Lê Thi Hong Loan</i>	113
