

ISSN 1859-2333

Can Tho University Journal of Science



Can Tho University Journal of Science ISSN 1859-2333 Vol. 54, No. 8 (2018)

EDITORIAL BOARD

Editor-in-Chief **Ha Thanh Toan**

Deputy Editor-in-Chief **Nguyen Thanh Phuong**

Editorial Secretariat

Tran Thanh Dien

Secretary of Editorial Board **Tran Thanh Be**

Members of Editorial Board

Tetsu Ando Ly Nguyen Binh

Tokyo University of Agriculture and Technology, Japan Can Tho University, Viet Nam

Fu-Sung Frank Chiang Nguyen Minh Chon

National Taiwan Ocean University, Taiwan Can Tho University, Viet Nam

Kishio Hatai Vo Thanh Danh

Nippon Veterinary and Life Science University, Japan Can Tho University, Viet Nam

Le Van Hoa Nguyen Ngoc Dien

Can Tho University, Viet Nam

University of Economics and Law, VNU-HCM, Viet Nam

Atsushi Ishimatsu Bui Thi Buu Hue

Nagasaki University, Japan Can Tho University, Viet Nam

Nguyen Ngoc Lam Nguyen Chi Ngon

Institute of Oceanography, VAST, Viet Nam Can Tho University, Viet Nam

Juan Boo Liang Trinh Sam

Universiti Putra Malaysia, Malaysia Ho Chi Minh City University of Pedagogy, Viet Nam

Hoang Ngoc Long Nguyen Hieu Trung

Institute of Physics, VAST, Viet Nam

Can Tho University, Viet Nam

Nguyen Van Thu Tran Thanh Be

Can Tho University, Viet Nam

Can Tho Inst. for Socio-Economic Dev. Studies, Viet Nam

CONTENT

Effectiveness of green muscardine fungus <i>Metarhizium anisopliae</i> and some insecticides on lesser coconut weevil <i>Diocalandra frumenti</i> Fabricius	Study on extraction behavior of vanadium from acidic sulfate solutions Nguyen Thi Hong, Huynh Huu Hau and Truong Ngoc Quynh Giao
(Coleoptera: Curculionidae) Nguyen Hong Ung, Duong Kieu Hanh, Trinh Thi Xuan, Le Van Vang and Tran Van Hai. 1	Benzimidazole synthesis via oxidative condensation of 1,2-diaminoarenes with primary amines using MOF-235 as an
Effects of fertilizer doses on yield and quality of gandaria (<i>Bouea oppositifolia</i> (Roxb.) Meisne.) grown in Binh Minh town, Vinh Long province, Vietnam	effective heterogeneous catalyst Nguyen Thi Ngoc Tran, Dang Thi Hang, Lieu Ngoc Thien, Dang Huynh Giao and Phan Thanh Son Nam
Tran Van Hau, Nguyen Le Khanh Linh, Nguyen Thuy Thao Nguyen and Tran Sy Hieu 8 Effect of organic acid products on growth performance and intestine health of Tam	Comparative study of chitosan/Ag nanocomposites synthesis and test their antibacterial activity on <i>Staphylococcus</i> aureus and <i>Escherichia coli</i>
Hoang chicken Nguyen Thi Thuy, Nguyen Thi My Phung, Luu Thi Ty, Nguyen Thi Hoang Bich and Thai Viet An	Tran Thi Bich Quyen, Vo Ngoc Hieu, Phan Van Hoang Khang, Nguyen Thi Xuan Chi, Ha Thanh Toan, Doan Van Hong Thien, Luong Huynh Vu Thanh and Nguyen Trong Tuan 96
A literature review on organizational culture and organizational effectiveness La Hong Lien and Luu Tien Thuan	Effects of different C:N ratios on growth and survival of spotted scat (<i>Scatophagus argus</i>) in the biofloc system
The living standard inequality in Vietnam: A statistical analysis	Ly Van Khanh, Tran Ngoc Hai, Nguyen Thanh Phuong and Vo Nam Son 105 Antibiotic resistance and molecular
The government's policy on EFL teacher	characteristics of extended-spectrum beta- lactamase-producing <i>Escherichia coli</i> isolated from fish pond
professional development: Opportunities and challenges for the Mekong Delta	Tran Hoa Ly, Tran Thi Tuyet Hoa and Hong Mong Huyen114
Dang Vu Hoai Nhan	Shelf-life evaluation of fresh catfish (Pangasianodon hypophthalmus) fillets at different storage temperatures Tong Thi Anh Ngoc, Phan Nguyen Trang and Ly Nguyen Binh
Research on environmental education through extra-curricular activities organized by community resources for primary students in rural areas of Hau Giang province	under the law on examination and treatment in some provinces of Mekong Delta Nguyen Thi Bao Anh and Truong Kim Phung 131 Synthesis and cytotoxicity evaluation of naphthalenecarboxamide derivatives
Le Tran Thanh Liem	Bui Thi Buu Hue, Duong Huynh Luong and Huynh Minh Hu138

Glass formation and thermodynamics of 3D	Plasmon excitation in MLG-GaAs
simple system	heterostructure - Analytical expressions in
Dang Minh Tan, Pham Thanh Hieu,	long-wavelength limit
Nguyen Huu Toan and Ha Ngan Ha143	Nguyen Van Men and Dong Thi Kim Phuong 154
New bounds on poisson approximation for random sums of independent negative-binomial randomvariables	A DFT study of copper(II) binding to glycyl-L-histidyl-L-Lysine tripeptide Pham Vu Nhat
Le Truong Giang and Trinh Huu Nghiem 149	

About the Journal

- 1. Can Tho University Journal of Science, ISSN 1859-2333 is published according to the publication license No. 101/GP.BTTTT dated on April 10, 2015 of the Ministry of Information and Communications.
- 2. The Journal publishes original research articles, review articles, short communications and technical articles on all aspects of Natural Sciences, Technology and Environment; Agriculture, Fisheries and Biotechnology; Social Sciences, Humanities and Education; Economics and Law. The article has not been earlier published in any other journal and is not being considered for publication elsewhere.
- 3. Manuscripts should contain up to 5 keywords and an abstract of up to 250 words. Each manuscript should not exceed 16 pages (A4) for research and technical article, 25 pages for a review article and 8 pages for a short communication including tables, figures and references, typed in the Times New Roman font with size 11 and double spacing.
- 4. Manuscripts should be prepared according to the following order: Article title, Author(s), Affiliation(s), Abstract, Keywords, Introduction, Materials and Methods, Theory/Calculation (if any), Results, Discussion, Conclusions, Acknowledgements (if any), References. Each manuscript must be clearly defined and numbered sections. Subsections should be numbered 1, then 1.1, 1.1.1, a, b; then 1.2; etc. The abstract is not included in section numbering; neither are Acknowledgements and References.
- 5. Citations may be made directly or parenthetically. The references should be arranged, but not numbered, first alphabetically and then further sorted chronologically if necessary. More than one reference from the same author(s) in the same year must be identified by the letters 'a', 'b', 'c', etc., placed after the year of publication. The detailed instructions to authors are available at the Journal website: sj.ctu.edu.vn.

6. Submission fees: 500,000 VND.

7. Online submission: sj.ctu.edu.vn.

Contact address

Can Tho University Journal of Science.

4th Floor, Can Tho University Administration Building.

Campus II, 3/2 street, Ninh Kieu district, Can Tho city, Viet Nam.

Tel: (84-0292) 3872 157; Fax: (84-0292) 3838 474.

Email: tapchidhct@ctu.edu.vn.

Publication licence No: 101/GP.BTTTT dated on April 10, 2015, granted by Ministry of Information and Communications.

Printed by Can Tho General Printing Joint Stock Company, No. 500, 30/4 Street, Ninh Kieu District, Can Tho City. Printed and Registered in Dec 2018; 200 copies.