

EDITORIAL TEAM



Editor-in-Chief

Assoc. Prof. Dr. Sumrit Mopoung, Naresuan University, Thailand

Editorial Board

Prof. Federico M. Butera , Politecnico di Milano, Italia

Prof.Dr. Saffa Riffat, University of Nottingham, United Kingdom

Prof.Dr. Paul A. Christensen, Newcastle University, United Kingdom

Prof.Dr. David S.Haymer, University of Hawaii, United States of America

Assoc.Prof.Dr. Lance C.C Fung, Murdoch University, Australia

Dr. Stefean Poslad, Queen Mary University of London, United Kingdom

Prof.Dr. Hai Q. Dinh, Kent State Universtiy, United States of America

Prof.Dr. Yeol Je Cho, Gyeongsang National University, Korea

Prof.Dr. Somsak Panha, Chulalongkorn University, Thailand

Assoc.Prof.Dr. Paramote Wardkein, King Mongkut's Institute of Technology Ladkrabang, Thailand

Prof.Dr. Vilas Wuwongse, Thammasat University, Thailand

Prof.Dr. Suthep Suantai, Chiang Mai University, Thailand

Assoc.Prof.Dr. Jaroon Jakmunee, Chiang Mai University, Thailand

Assistance Editors

Assoc.Prof.Dr. Wandee Wattanachaiyingcharoen, Naresuan University, Thailand

Assoc.Prof.Dr. Sirilux Chaijamrus, Naresuan University, Thailand

Assoc.Prof.Dr. Rabian Wangkeeree, Naresuan University, Thailand

Assist.Prof.Dr. Duangduen Asavasuthirakul, Naresuan University, Thailand

Assist.Prof.Dr. Chompoonuch Warangkanagool, Naresuan University, Thailand

Assist.Prof.Dr. Filip Kielar, Naresuan University, Thailand

Journal Manager

Assoc.Prof.Dr. Theerachai Bongkarn , Naresuan University, Thailand

Assist.Prof.Dr. Supatra Pratumshat, Naresuan University, Thailand

Suchila Phumyoo , Naresuan University, Thailand

Site Administrator

Trakoonsint Tungrattanaprasert, Naresuan University, Thailand

Contact us

Research and Academic Service, Faculty of Science, Naresuan University, 65000 Thailand

Telephone: +66 5596 3171 Fax: +66 5596 3144 Email: nuinterscj@nu.ac.th

Websites : <https://www.sci.nu.ac.th/sciencejournal>

CONTENTS

 International Journal of Science

Volume 15 • No. 2 • (2018) (July 2018 - December 2018)

Marasmius (Basidiomycota, Agaricales) in Dry Deciduous Dipterocarp Forest at Dong-Yai Community Forest, Thailand <i>Littited Khola, Thitiya Boonpratuang and Nopparat Wannathes*</i>	1-15
High Speed Video Technique Analysis of an Object Moving on an Inclined Plane <i>Jiraporn Poonyawatpornkul* and Vilaiporn Luksameevanish</i>	16-24
The zero-distorted Topp-Leone geometric distribution: some properties and its applications with biological data <i>Areeya Sudsuk, Winai Bodhisuwan* and Boonorm Chomtee</i>	25-42
Forward Feature Selection for Ensembles to Predict Brix Values in Mango Fruits based on NIR Spectroscopy Technique <i>Bowonsak Srisungsittisunti</i>	43-57
Influence of Extraction Method on Antioxidant and Nitric Oxide-Stimulating Activity of Herbal Mixtures in Human Endothelial Cells <i>Titiporn Tongyen, Liane Flor, Ekaruth Srisook and Klaokwan Srisook*</i>	58-66
The Relationship between Cholesterol and Tau Protein Expression in Human Neuroblastoma SH-SY5Y Cells <i>Kanchanat Ternchoocheep</i>	67-75
Toxicity of nano-Zinc Oxide on Planarians (<i>Dugesia japonica</i>) with Neurobehavioral endpoints <i>Kiattipan Kanjana and Surisak Prasarnpun*</i>	76-88
Crystal structure, Hirshfeld surface analysis and DFT calculation of <i>N,N'</i>-(1,4-phenylenebis(methanylylidene))bis(4-fluoroaniline) <i>Yada Muangkaew, Wikorn Punyain and Kittipong Chainok*</i>	89-97
Finding the Range of PHEV Controller Parameters Using the Confidence Interval (CI) Estimation from Prediction Model <i>Kreangsak Tamee</i>	98-113

Growth of Brahmi (*Bacopa monnieri* (L.) Wettst.) by NFT and DFT hydroponic systems and their accumulation of saponin bacosides
*Chutiporn Maneeply Kawee Sujipuli and Narisa Kunpratam**..... 114-124

Genetic diversity analysis of *Jatropha* by Random Amplified Polymorphic DNA (RAPD)
Pattamon Sangin and Sudarat Kasemcholathan*..... 125-134

Enhancement of plumbagin production from *Drosera peltata* Thunb. using different elicitors
Thanakorn Wongsu, Maliwan Nakkuntod, Duangporn Premjet, Phithak Inthima and Anupan Kongbangkerd*..... 135-147
