Review Article

Effects of Organophosphate Pesticides on Neurological Impairment
Ajchamon Thammachai and Ratana Sapbanrer..............................................................................1

Research Articles

Phytochemical and Protein Extraction of Golden Shower Tree (Cassia fistula)
Patcharee Mongkolvai, Wilaiporn Insuwan, Jakkaphun Nanuam, Kamolrat Bunjan, Weerayut Phosai, Chutima Thanomsit, Anmuay Wattanakornsiri and Paongpetch Phimchan.................................................................21

Bivariate Fay–Herriot Models with Application to Thai Socio–Economic Data
Annop Angkunsit and Jiraphan Suntornchost..................................................................................36

The Development of Online Training Modules and Internet of things on Vehicle Air Conditioner
Chalermphol Jaroenlap and Thanongsak Sovajassatakul..................................................................50

Correlated Key Attributes for Sustainable and Universal Design: A Case Study through Meal Packaging in Thailand
Lerpong Jarupan and Patcharawat Suriyong....................................................................................60

A Comparison of the Cattail Pollen (Typha angustifolia L.) Adhesion on Different Fabrics
Pimrumpa Vichitnark, Thongchai Taechowisan and Patchara Sinloyma........................................78

Adsorption of Methylene blue onto Cajeput Tree Bark: Isotherm and Kinetic Studies
Hatairat Sukpreaphrom, Ratchanee Thongkhram and Phattra Thaweepomkul..................................86

Induction and One–Step Purification of Acetylcholinesterase (AChE) from the Brain of Hybrid catfish after Exposed to Glyphosate
Chutima Thanomsit, Phochit Nanthanawat, Jakkaphun Nanuam, Anmuay Wattanakornsiri, Witchuda Prasatkaew and Wilaiporn Insuwan..................................................................................................100

DC and AC Circuit Parameters of Hybrid InAs/GaAs and GaSb/GaAs Quantum–Dot Solar Cells
Unchittha Prasatsap, Suwit Kiravittaya, Supachok Thainoi and Somak Panyakaw.................................111

Palmyra Palm and the Protection of Landslide along the Canal
Sayam Aroonsirimorakot, Kampanad Bhaktikul and Orapun Metadillogkul........................................121