



Review Article

Effects of Organophosphate Pesticides on Neurological Impairment

Ajchamon Thammachai and Ratana Sapbamrer.....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, Amnuay 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 Sukpreabprom, Ratchanee Thongkham and Phattra Thaweepornkul.....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, Amnuay 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 Somsak Panyakeow.....111

Palmyra Palm and the Protection of Landslide along the Canal

Sayam Aroonsrimorakot, Kampanad Bhaktikul and Orapun Metadilogkul.....121