



Research Articles

The Molecular Identification of <i>Nephtys</i> species (Polychaeta: Phyllodocida) from Songkhla Lake, Southern Thailand <i>Manasawan Saengsakda Pattaratumrong and Koraon Wongkhamhaeng</i>	1
A Cooling System for a Mushroom House for Use in the Upper Central Region Climate of Thailand <i>Chanamon Chantana</i>	10
Do Environmental Factors Influence the Distributions and Diversity of Tropical Macroinvertebrate Assemblages? : A Case Study of Mae Taeng River Basin, Northern Thailand <i>Rungnapa Tagun and Tatporn Kunpradid</i>	20
Antioxidant Activities and Electrochemical Behaviors of Xanthenes from <i>Cratoxylum cochinchinense</i> and <i>Cratoxylum formasum</i> <i>Benjamat Chailap and Thaneeuan Nuanyai</i>	35
An Efficient Synthesis of Imidazo[1,2-a]pyridines <i>Piyawat Paengphua, Uthai Wichai and Sirirat Chancharunee</i>	43
Performance and Emissions of a Turbocharging Diesel Engine Using B10 and Supercharging Syngas on Dual Fuel <i>Ekkachai Sutherasak, Wirogana Ruengphrathuengsuka and Surachai Sanitjai</i>	55
Influences of Ammonium Nitrate on Growth and Inulin Content of Jerusalem Artichoke (<i>Helianthus tuberosus</i> L.) <i>in vitro</i> <i>Phuangpha Punha, Sumana Neera and Panupon Hongpakdee</i>	73
Hemocyte Types Based on Total and Differential Counts in <i>Samia cynthia ricini</i> (Lepidoptera; Saturniidae) Reared on Host Plants Versus an Artificial Diet <i>Jatuporn Tungjitwitayakul and Nujira Tatun</i>	82
Isomorphism Theorem for Cayley Graphs of Semigroup of Integer Modulo Prime Power Relative to an Invertible Element <i>Ekkachai Laysirikul</i>	95
The Net Reproductive Rate (R_0) and Stable Age Distribution of the Leaf Roller (<i>Hedylepta indicata</i> F.) on Soybean (<i>Glycine max</i> L.) <i>Manas Titayavan and Panisara Thepkusol</i>	101