

Research Articles

Strength Development of Fly Ash–Perlite Based Geopolymer Mortar Using Recycled Waste Glass as Fine Aggregate <i>Methawee Sriwattanapong Photisan and Onanong Sangphong</i>	1
Prevalence of ESBL–Producing <i>Escherichia coli</i> Isolated from elderly living at home setting in Mae Chai district, Phayao, Thailand <i>Kanittapon Supadej, Narong Nuanmuang, Pareeya Baiubon and Aksarakorn Kummasook</i>	10
Effect of Urea–to–Fatty Acid Ratio and Crystallization Temperature on the Fatty Acid Composition of Rice Bran Oil Concentrate by Urea Complexation <i>Pornpisanu Thammapat and Sirithon Siriamornpun</i>	20
The Third–order Iterative Method for Solving Nonlinear Equations <i>Chalermwut Comemuang, Naratip Wisesram and Natthapoom Pongsawat</i>	29
Distribution and Microplastic Pollution and Its Associated Heavy Metal Contamination from an Urban Canal: A Case Study of Saen Saeb Canal, Thailand <i>Rawintra Eamrat, Achara Taweesan and Tatchai Pussayanavin</i>	37
PLA Improvement Using Nanocomposite and Plasma Modification <i>Nikom Rattanarajanukul, Chote Nuangnu, Wichaladda Aunsaart, Tanapat Tirawoot and Somyos Srikhongrak</i>	50
Cloud–based Computing Adoption in Internship Management System for University Education <i>Akara Thammastitkul</i>	58
Response surface methodology for evaluation of blanching effects on antioxidant capacity and physical quality of ground pork product treated with mulberry leaves <i>Akkara Chanthabal and Thitikorn Mahidsanan</i>	74
Histopathological Changes of Renal Tubules in Metformin and <i>A. Crassna</i> Leaf Extract treated STZ–induced Diabetic Rats <i>Sasiprapa Khunchai, Rattanaporn Jarernsook, Thanapoom Monthathong, Rachanee Chanasong, Krongkarn Chootip, Kornkanok Ingkaninan, Eakkaluk Wongwad, Kitsaphon Kanamnouy and Sangkab Sudsaward</i>	82
Antibacterial Activity of Plant Extract: the Role of Lemongrass and Chili Extracts, a Bacteriocin from <i>Bacillus velezensis</i> BUU004, and Their Combination to Control <i>Staphylococcus aureus</i> in Dried, Seasoned and Crushed Squid <i>Pornpimon Soodsawaeng, Traimat Boonthai, Verapong Vuthiphandchai and Subuntith Nimrat</i>	93