

**Research Articles**

<b>The Development of Blood Stain Removal Solution from Spinach in Longer Storage at Room Temperature for Sanitation Work in Hospitals</b>	
<i>Nalin-on Nuiplot</i> .....	1
<b>Estimation of Atmospheric Precipitable Water in Thailand using an Artificial Neural Network</b>	
<i>Sumaman Buntoung, Jindarat Pariyothon and Patsakorn Detkhon</i> .....	11
<b>A Proposed Model of Community Environmental Education Program Development</b>	
<i>Lawan Wijarn</i> .....	21
<b>Effects of Different Nitrogen Forms on Growth, Phenolic Content, and Antioxidant Activity in <i>Hedychium speciosum</i> and <i>H. coronarium</i></b>	
<i>Janjira Muenrew, Ratchuporn Suksathan, Ratchadawan Puangpradab, Apinya Rachkeeree and Kuttiga Kantadoung</i> .....	33
<b>Anti-Obesity of Dried Mulberry Fruit Powder in Mice Fed with High-Fat Diet</b>	
<i>Usana Chatturong, Suriya Chaiwong, Watcharakorn Deetud, Kittiwoot To-on, Supaporn Puntheeranurak, Ekarin Chuleekorn, Rachanee Chanasong, Tanwarat Kajsongkram, Veerada Raksanoh, Kroekkiat Chinda, Phenphechaya Nadee and Krongkarn Chootip</i> .....	43
<b>Preparation and Characterization of Bimetallic Cu-Ni and/or Ni-Cu core-shell Nanoparticles with High Photocatalytic Activity</b>	
<i>Rarm Phinjaroenphan, Kornkanok Boonserm and Surachet Rattanasuporn</i> .....	54
<b>Structure and Diversity in a Permanent Plot of Melaleuca forest in Rayong Botanical Garden, Thailand</b>	
<i>Janjira Muenrew and Prateep Panyadee</i> .....	64
<b>Prevalence and Characteristics of Dental Anomalies in Pediatric Patients at a Dental Hospital in Thailand</b>	
<i>Ruedee Sakulratchata, Sasipa Wongma, Sita Saenmood, Thunyanut rianpingwang and Sasicha Chiohanangkun</i> .....	73
<b>Evaluation on Efficacy of <i>Piper nigrum</i> as a bio-pesticide against <i>Sitophilus zeamais</i></b>	
<i>Sangay Choden, Ugyen Yangchen and Jigme Tenzin</i> .....	84
<b>Exchange-field-controllable 0-<math>\pi</math> transition in asymmetric Josephson spin-valve heterostructure</b>	
<i>Wachiraporn Choopan</i> .....	96