



## Research Articles

<b>Solid Waste Characterization and Recycling Potential in University of Phayao, Northern Thailand</b>	
<i>Sarawut Sangkham and Chaiwat Sangsrichan.....</i>	1
<b>Microplastic Contaminationsin Buffet Food from Local Markets</b>	
<i>Atcharaporn Somparn and Natsima Tokhun.....</i>	13
<b>Factors Predicting Length of Hospital Stay among Patients with Open-Heart Surgery</b>	
<i>Ratchanee Piwpong, Supaporn kongprom, Nantaka suksomitr and Vanida Durongrittichai.....</i>	21
<b>Antioxidant Activity and Effect of Sa-khan (<i>Piper</i>, Piperaceae) on the Normal Human Proximal Tubular Epithelial Cell Line</b>	
<i>Daoyot Daorueang.....</i>	29
<b>Dataspace Management with ETL and RDF Support</b>	
<i>Marko Niinimaki, Tapio Niemi and Peter Thanisch.....</i>	36
<b>A Radical Proposal for Teaching, Learning, Assessment and Curriculum Development in Higher Education Computer System Development Courses for the 21st Century</b>	
<i>Roy Irvine Morien.....</i>	50
<b>Forecasting Rabies in Dogs in Thailand: Time Series Analysis</b>	
<i>Anchaleeporn Paso and Chetta Ngamjarus.....</i>	64
<b>Office Environment Warning System</b>	
<i>Jakkrit Sukserm, Parin Santisuk, Pornsak Srikaew and Sirikan Chucherd.....</i>	75
<b>Fitting the Evolution of COVID-19 Cases of China and Thailand by Applying Piecewise Linear Approximation of Compartmental Model Parameters</b>	
<i>Suwit Kiravittaya.....</i>	91
<b>Estimation of Hourly Near Infrared Radiation Using Artificial Neural Network and Performance Comparison with the Semi-Empirical Model at Nakhon Pathom Province</b>	
<i>Noppamas Pratummaset, Pranomkorn Choosri, Sumaman Buntoung and Tawedach Mundpookhiew.....</i>	102