

# JOURNAL OF COMPUTERS

ISSN: 1991-1599    Volume 30    Number 2    April 2019

## CONTENTS

<b>Improved BP Classifier via Distance for Sample Reduction</b>	<b>1</b>
<i>Jia Wen, Jia Deng, Peng-Fei Liu, Hong-Jun Wang</i>	
<b>The Recommendation Method of Power Selling Packages Based on the Optimal Feature Subset of Power Trading Users</b>	<b>14</b>
<i>Zhao-Yang Qu, Rong-Qiang Feng, Nan Qu, Yao-Wei Liu, Jia Yan, Chong Qu</i>	
<b>EEG-based Motor Imagery Classification Using Novel Adaptive Threshold Feature Extraction and String Grammar Fuzzy K-Nearest Neighbor Classification</b>	<b>27</b>
<i>Payungsak Kasemsumran, Ekkarat Boonchieng</i>	
<b>Examination of Time-Domain Features of EHG Data for Preterm-Term Birth Classification</b>	<b>41</b>
<i>Chomkansak Hemthanon, Suparerk Janjarasjitt</i>	
<b>Event-based Feature Synthesis: Autonomous Data Science Engine</b>	<b>55</b>
<i>Thirat Limsurut, Warasinee Chaisangmongkon</i>	
<b>Chiang Mai Earthquakes Prediction: A Dynamic Time Warping Embed the Polynomial Constraint</b>	<b>68</b>
<i>Suppavich Kongthanarit, Prasong Praneetpolgrang, Jigyasa Bajracharya, Somrak Petchartee</i>	
<b>Development of a Community-based Geographic Health Information System via Mobile Phone in Saraphi District</b>	<b>84</b>
<i>Waraporn Boonchieng, Wilawan Tuanrat, Sivaporn Aungwattana, Decha Tamdee, Duangduen Budda</i>	
<b>Association Rule Mining with Permutation for Estimating Students Performance and Its Smart Education System</b>	<b>93</b>
<i>Nongnuch Ketui, Warawut Wisomka, Kanitha Homjun</i>	
<b>Feature Selection Using Fuzzy-based Firefly Algorithm for Glistenings Detection on Intraocular Lenses</b>	<b>103</b>
<i>Parisut Jitpakdee, Bunyarit Uyyanonvara, Chris Hull</i>	

<b>A Thailand Tourism Web Analysis and Clustering Tool Using a Word Weight Calculation Algorithm</b>	<b>116</b>
<i>Chakkrit Snae Namahoot, Desmond Lobo</i>	
<b>Analysis from Image Processing of Wildfire Area for a Long-Term Protection Plan</b>	<b>126</b>
<i>Ekkarat Boonchieng, Varin Chouvatut</i>	
<b>Automatic Tag Recommendation Approach with Keyphrase Extraction and Word Embedding Techniques</b>	<b>135</b>
<i>Taechawat Konkaew, Sukumal Kitisin</i>	
<b>A Method of Piecewise Hash for Fuzzy Hashing</b>	<b>150</b>
<i>Tian-zhou Li, Bo Shen, Kun Mi, Yi-Chih Kao, Yong Cui</i>	
<b>Contact Lenses Detection Based on the Gaussian Curvature</b>	<b>158</b>
<i>Junrui Wang, Qichuan Tian</i>	
<b>One-Shot Learning Method Based on Convolutional Neural Network for Intelligent Robot</b>	<b>165</b>
<i>Kan Wang, Wen-bai Chen, Chang Liu, Ding-qian Liu, Hu Han</i>	
<b>Research on Corners Detection of Hazardous Chemicals Stackings and Distance Measurement Algorithm Based on Piecewise Straight-Line Fitting</b>	<b>173</b>
<i>Xue-Jun Liu, Bi-Xian Yuan, Yu-Chen Wei, Zhe-Wen Zhang, Xin-Tong Li, Hong-Chao Ma, Bo Dai</i>	
<b>An Automatic Case Review System Based on Deep Learning</b>	<b>183</b>
<i>Chen Li, Zhenjiang Zhang, Bo Shen, Yajing Wang, Zhihong Ying, Yi-Chih Kao</i>	
<b>A Survey of Registration Algorithms Based on ITK</b>	<b>192</b>
<i>Zhen-Huan Zhou, Xiao-Jun Wen</i>	
<b>Research on Parametric Component Library of Prefabricated Building Based on IFC Standard</b>	<b>202</b>
<i>Yang Gao, Huijie-Xue, Jia Wang</i>	
<b>Improved Cost-sensitive Random Forest for Imbalanced Classification</b>	<b>213</b>
<i>Jie-Ming Yang, Cong Gao, Zhao-Yang Qu, Zhong-Feng Kan, Ye Gao, Cheng Chang</i>	
<b>Research on Noise Reduction Method Based on CEEMD-WT-SVD and Its Application in Acoustic Signal of Pipeline Blockage</b>	<b>224</b>
<i>Jing-zong Yang, Zao Feng, Xiao-dong Wang, Guo-yong Huang</i>	
<b>A Real-time Pedestrian Detection Model Adopted by High-Performance ANS-DPM</b>	<b>240</b>
<i>Ai-Ying Guo, Feng Ran, Jian-Hua Zhang, Mei-Hua Xu, Lu-Ming Gong, Hua-Ming Shen</i>	