Kitsuchart Pasupa

List of Publications by Citations

69 papers	381 citations	10 h-index	16 g-index
85 ext. papers	539 ext. citations	2.7 avg, IF	4.39 L-index

#	Paper	IF	Citations
69	A comparison between shallow and deep architecture classifiers on small dataset **2016**,		48
68	Virtual screening using binary kernel discrimination: effect of noisy training data and the optimization of performance. *Journal of Chemical Information and Modeling*, **2006**, 46, 478-86	6.1	29
67	Image ranking with implicit feedback from eye movements **2010**,		24
66	Thai sentiment analysis with deep learning techniques: A comparative study based on word embedding, POS-tag, and sentic features. *Sustainable Cities and Society*, **2019**, 50, 101615	10.1	22
65	Convolutional neural networks based focal loss for class imbalance problem: a case study of canine red blood cells morphology classification. *Journal of Ambient Intelligence and Humanized Computing* , **2020**, 1	3.7	16
64	Recurrent Kernel Extreme Reservoir Machine for Time Series Prediction. *IEEE Access*, **2018**, 6, 19583-19596	3.9	15
63	A hybrid approach to building face shape classifier for hairstyle recommender system. *Expert Systems With Applications*, **2019**, 120, 14-32	7.8	14
62	An approach to face shape classification for hairstyle recommendation **2016**,		11
61	Meta-cognitive recurrent kernel online sequential extreme learning machine with kernel adaptive filter for concept drift handling. *Engineering Applications of Artificial Intelligence*, **2020**, 88, 103327	7.2	11
60	Sentiment analysis of Thai children stories. *Artificial Life and Robotics*, **2016**, 21, 357-364	0.6	10
59	Semi-supervised learning with deep convolutional generative adversarial networks for canine red blood cells morphology classification. *Multimedia Tools and Applications*, **2020**, 79, 34209-34226	2.5	9
58	Thai sentiment terms construction using the Hourglass of Emotions **2014**,		9
57	Sparse multinomial kernel discriminant analysis (sMKDA). *Pattern Recognition*, **2009**, 42, 1795-1802	7.7	9
56	Modified adaptive thresholding using integral image **2016**,		8
55	Learning to rank images from eye movements **2009**,		8
54	A Comparative Study of Machine Learning Techniques for Automatic Product Categorisation. *Lecture Notes in Computer Science*, **2017**, 10-17	0.9	7
53	Sign language recognition with microsoft Kinect's depth and colour sensors **2015**,		7

52	A simple iterative algorithm for parsimonious binary kernel Fisher discrimination. *Pattern Analysis and Applications*, **2010**, 13, 15-22	2.3	7
51	Multiple steps time series prediction by a novel Recurrent Kernel Extreme Learning Machine approach **2017**,		6
50	Thai Sentiment Analysis via Bidirectional LSTM-CNN Model with Embedding Vectors and Sentic Features **2018**,		6
49	Virtual screening by a new Clustering-based Weighted Similarity Extreme Learning Machine approach. *PLoS ONE*, **2018**, 13, e0195478	3.7	6
48	Water levels forecast in Thailand: A case study of Chao Phraya river **2016**,		5
47	A coefficient comparison of weighted similarity extreme learning machine for drug screening **2016**,		5
46	A novel error-output recurrent two-layer extreme learning machine for multi-step time series prediction. *Sustainable Cities and Society*, **2021**, 66, 102613	10.1	5
45	Utilising Kronecker Decomposition and Tensor-based Multi-view Learning to predict where people are looking in images. *Neurocomputing*, **2017**, 248, 80-93	5.4	4
44	Hypothesis testing based on observation from Thai sentiment classification. *Artificial Life and Robotics*, **2017**, 22, 184-190	0.6	4
43	. *IEEE Access*, **2020**, 8, 20342-20362	3.5	4
42	Using Image Features and Eye Tracking Device to Predict Human Emotions Towards Abstract Images. *Lecture Notes in Computer Science*, **2016**, 419-430	0.9	4
41	Text-background decomposition for thai text localization and recognition in natural scenes **2014**,		4
40	Discovery of significant porcine SNPs for swine breed identification by a hybrid of information gain, genetic algorithm, and frequency feature selection technique. *BMC Bioinformatics*, **2020**, 21, 216	3.6	3
39	Counting and Classification of Malarial Parasite From Giemsa-Stained Thin Film Images. *IEEE Access*, **2020**, 8, 78663-78682	3.5	3
38	Square Wave Quadrature Amplitude Modulation for Visible Light Communication Using Image Sensor. *IEEE Access*, **2019**, 7, 94806-94821	3.5	3
37	Drug screening with Elastic-net multiple kernel learning **2013**,		3
36	Local variance image-based for scene text binarization under illumination effects **2017**,		3
35	A comparative study of feature point matching versus foreground detection for computer detection of dairy cows in video frames. *Artificial Life and Robotics*, **2015**, 20, 320-326	0.6	3

34	Hybrid Deep Learning Models for Thai Sentiment Analysis. *Cognitive Computation*, **2022**, 14, 167	4.4	3
33	Evaluation of deep learning algorithms for semantic segmentation of car parts. *Complex & Intelligent Systems*,1	7.1	3
32	Robust and Unified VLC Decoding System for Square Wave Quadrature Amplitude Modulation Using Deep Learning Approach. *IEEE Access*, **2019**, 7, 163262-163276	3.5	3
31	A Scenario-based Analysis of Front-facing Camera Eye Tracker for UX-UI Survey on Mobile Banking App **2020**,		2
30	Hairstyle recommendation system for women **2016**,		2
29	Prediction of reference evapotranspiration with missing data in Thailand **2013**,		2
28	Risk Quantification of Metabolic Syndrome with Quantum Particle Swarm Optimisation **2017**,		2
27	Learning relevant eye movement feature spaces across users **2010**,		2
26	Parsimonious Kernel Fisher Discrimination. *Lecture Notes in Computer Science*, **2007**, 531-538	0.9	2
25	Exploration-Exploitation of Eye Movement Enriched Multiple Feature Spaces for Content-Based Image Retrieval. *Lecture Notes in Computer Science*, **2010**, 554-569	0.9	2
24	Clustering-Based Weighted Extreme Learning Machine for Classification in Drug Discovery Process. *Lecture Notes in Computer Science*, **2016**, 441-450	0.9	2
23	Handling Concept Drift in Time-Series Data: Meta-cognitive Recurrent Recursive-Kernel OS-ELM. *Lecture Notes in Computer Science*, **2018**, 3-13	0.9	2
22	Diagnosing Metabolic Syndrome Using Genetically Optimised Bayesian ARTMAP. *IEEE Access*, **2019**, 7, 8437-8453	3.5	1
21	Empirical Monocomponent Image Decomposition. *IEEE Access*, **2018**, 6, 38706-38735	3.5	1
20	Investigations and comparisons of government open data websites through systematic functional analysis and efficient promotion approach **2016**,		1
19	Combining Multiple Features for Product Categorisation by Multiple Kernel Learning. *Advances in Intelligent Systems and Computing*, **2019**, 3-12	0.4	1
18	Can Eye Movement Improve Prediction Performance on Human Emotions Toward Images Classification?. *Lecture Notes in Computer Science*, **2017**, 830-838	0.9	1
17	Recurrent kernel online sequential extreme learning machine with kernel adaptive filter for time series prediction **2017**,		1

16	Sparse Fisher discriminant analysis with Jeffreys hyperprior **2012**,		1
15	Hinge Loss Projection for Classification. *Lecture Notes in Computer Science*, **2016**, 250-258	0.9	1
14	Analytical Incremental Learning: Fast Constructive Learning Method for Neural Network. *Lecture Notes in Computer Science*, **2016**, 259-268	0.9	1
13	A Modified Binary Flower Pollination Algorithm: A Fast and Effective Combination of Feature Selection Techniques for SNP Classification **2019**,		1
12	A New Approach to Automatic Heat Detection of Cattle in Video. *Communications in Computer and Information Science*, **2019**, 330-337	0.3	1
11	Image enhancement in embedded devices for internet of things. *Concurrency Computation Practice and Experience*, **2021**, 33, e5398	1.4	1
10	Identifying SME customers from click feedback on mobile banking apps: Supervised and semi-supervised approaches. *Heliyon*, **2021**, 7, e07761	3.6	1
9	Real-Time Financial Data Prediction Using Meta-cognitive Recurrent Kernel Online Sequential Extreme Learning Machine. *Lecture Notes in Computer Science*, **2019**, 488-498	0.9	0
8	A Comparison of Dimensionality Reduction Techniques in Virtual Screening. *Lecture Notes in Computer Science*, **2013**, 297-308	0.9	0
7	Improved Identification of Imbalanced Multiple Annotation Intent Labels with a Hybrid BLSTM and CNN Model and Hybrid Loss Function. *Lecture Notes in Computer Science*, **2021**, 355-368	0.9	0
6	Vibrotactile Brain Computer Interface with Error-Detecting Codes. *Advances in Cognitive Neurodynamics*, **2016**, 355-361		
5	SME User Classification from Click Feedback on a Mobile Banking Apps. *Communications in Computer and Information Science*, **2020**, 256-264	0.3	
4	Hybrid Loss for Improving Classification Performance with Unbalanced Data. *Communications in Computer and Information Science*, **2020**, 807-814	0.3	
3	Hybrid Training of Speaker and Sentence Models for One-Shot Lip Password. *Lecture Notes in Computer Science*, **2020**, 363-374	0.9	
2	Learning to Predict Where People Look with Tensor-Based Multi-view Learning. *Lecture Notes in Computer Science*, **2015**, 432-441	0.9	
1	SELM: Siamese extreme learning machine with application to face biometrics.. *Neural Computing and Applications*, **2022**, 1-15	4.8	