

Tan Tian Swee

List of Publications by Year in descending order

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30
papers

491
citations

1163117

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h-index

996975

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docs citations

30
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature Extraction of White Blood Cells Using CMYK-Moment Localization and Deep Learning in Acute Myeloid Leukemia Blood Smear Microscopic Images. IEEE Access, 2022, 10, 16577-16591.	4.2	22
2	Segmentation of White Blood Cells in Acute Myeloid Leukemia Microscopic Images: A Review. Studies in Big Data, 2022, , 1-24.	1.1	2
3	Bacterial disinfection and cell assessment post ultraviolet-C LED exposure for wound treatment. Medical and Biological Engineering and Computing, 2021, 59, 1055-1063.	2.8	3
4	Role of FOXP3 gene polymorphisms (SNPs rs3761547, rs3761549, and rs2232365) in the development of Type 2 diabetes mellitus. Gene Reports, 2021, 24, 101253.	0.8	1
5	Formulation of a novel HRV classification model as a surrogate fraudulence detection schema. Malaysian Journal of Fundamental and Applied Sciences, 2020, 16, 121-127.	0.8	3
6	Brain-computer interface algorithm based on wavelet-phase stability analysis in motor imagery experiment. Malaysian Journal of Fundamental and Applied Sciences, 2020, 16, 236-242.	0.8	0
7	A SYSTEMATIC REVIEW ON CURRENT RESEARCH TRENDS IN ELECTROSURGICAL SYSTEMS. Biomedical Engineering - Applications, Basis and Communications, 2019, 31, 1950004.	0.6	2
8	Development of high frequency generator for bipolar electrosurgical unit. International Journal of Engineering and Technology(UAE), 2018, 7, 20.	0.3	1
9	Hybrid classification of Bayesian and extreme learning machine for heartbeat classification of arrhythmia detection. , 2017, , .		8
10	Contactless power transfer system for low power medical devices. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 438-444.	0.8	0
11	Arrhythmia recognition and classification using combined linear and nonlinear features of ECG signals. Computer Methods and Programs in Biomedicine, 2016, 127, 52-63.	4.7	341
12	Statistical Parametric Evaluation on New Corpus Design for Malay Speech Articulation Disorder Early Diagnosis. American Journal of Applied Sciences, 2015, 12, 452-462.	0.2	0
13	Research on Law's Mask Texture Analysis System Reliability. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 4002-4007.	0.1	8
14	Investigation of Effects of Different Synthesis Unit to the Quality of Malay Synthetic Speech. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 3803-3808.	0.1	0
15	Improve the Quality of Synthetic Speech Trained with Found Data using Silence Cutter. Research Journal of Applied Sciences, Engineering and Technology, 2014, 8, 1691-1694.	0.1	0
16	Medical Image Visual Appearance Improvement Using Bihistogram Bezier Curve Contrast Enhancement: Data from the Osteoarthritis Initiative. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	13
17	Computerised Hand-held Portable Eye Testing Kit. Research Journal of Applied Sciences, Engineering and Technology, 2014, 8, 1705-1709.	0.1	0
18	Recognition test on highly newly robust Malay corpus based on statistical analysis for Malay articulation disorder. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Magnetic resonance image segmentation for knee osteoarthritis using active shape models. , 2014, , .		0
20	Hybrid battery for rapid charging of biomedical application. , 2014, , .		0
21	Statistical Parametric Speech Synthesis of Malay Language using Found Training Data. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 5143-5147.	0.1	0
22	Multipurpose contrast enhancement on epiphyseal plates and ossification centers for bone age assessment. BioMedical Engineering OnLine, 2013, 12, 27.	2.7	14
23	Computer-Aided Knee Osteoarthritis Classification System Using Artificial Neural Netwrok (ANN). Journal of Medical Imaging and Health Informatics, 2013, 3, 561-565.	0.3	3
24	Acoustic cardiac signals analysis: a Kalman filter–based approach. International Journal of Nanomedicine, 2012, 7, 2873.	6.7	9
25	Unit selection for Malay text-to-speech system using segmental context and simulated annealing. Scientific Research and Essays, 2011, 6, 4281-4289.	0.4	0
26	An artifacts removal post-processing for epiphyseal region-of-interest (EROI) localization in automated bone age assessment (BAA). BioMedical Engineering OnLine, 2011, 10, 87.	2.7	14
27	Speech pitch detection using short-time energy. , 2010, , .		12
28	Wave V Detection Using Instantaneous Energy of Auditory Brainstem Response Signal. American Journal of Applied Sciences, 2009, 6, 1669-1674.	0.2	14
29	Malay Sign Language Gesture Recognition system. , 2007, , .		9
30	Wireless data gloves Malay sign language recognition system. , 2007, , .		11