

Tan Tian Swee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/395635/publications.pdf>

Version: 2024-02-01

30
papers

491
citations

1163117

8
h-index

996975

15
g-index

30
all docs

30
docs citations

30
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Arrhythmia recognition and classification using combined linear and nonlinear features of ECG signals. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 127, 52-63.	4.7	341
2	Feature Extraction of White Blood Cells Using CMYK-Moment Localization and Deep Learning in Acute Myeloid Leukemia Blood Smear Microscopic Images. <i>IEEE Access</i> , 2022, 10, 16577-16591.	4.2	22
3	An artifacts removal post-processing for epiphyseal region-of-interest (EROI) localization in automated bone age assessment (BAA). <i>BioMedical Engineering OnLine</i> , 2011, 10, 87.	2.7	14
4	Multipurpose contrast enhancement on epiphyseal plates and ossification centers for bone age assessment. <i>BioMedical Engineering OnLine</i> , 2013, 12, 27.	2.7	14
5	Wave V Detection Using Instantaneous Energy of Auditory Brainstem Response Signal. <i>American Journal of Applied Sciences</i> , 2009, 6, 1669-1674.	0.2	14
6	Medical Image Visual Appearance Improvement Using Bihistogram Bezier Curve Contrast Enhancement: Data from the Osteoarthritis Initiative. <i>Scientific World Journal, The</i> , 2014, 2014, 1-13.	2.1	13
7	Speech pitch detection using short-time energy. , 2010, , .		12
8	Wireless data gloves Malay sign language recognition system. , 2007, , .		11
9	Malay Sign Language Gesture Recognition system. , 2007, , .		9
10	Acoustic cardiac signals analysis: a Kalman filter–based approach. <i>International Journal of Nanomedicine</i> , 2012, 7, 2873.	6.7	9
11	Research on Law's Mask Texture Analysis System Reliability. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 4002-4007.	0.1	8
12	Hybrid classification of Bayesian and extreme learning machine for heartbeat classification of arrhythmia detection. , 2017, , .		8
13	Computer-Aided Knee Osteoarthritis Classification System Using Artificial Neural Network (ANN). <i>Journal of Medical Imaging and Health Informatics</i> , 2013, 3, 561-565.	0.3	3
14	Bacterial disinfection and cell assessment post ultraviolet-C LED exposure for wound treatment. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 1055-1063.	2.8	3
15	Formulation of a novel HRV classification model as a surrogate fraudulence detection schema. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2020, 16, 121-127.	0.8	3
16	A SYSTEMATIC REVIEW ON CURRENT RESEARCH TRENDS IN ELECTROSURGICAL SYSTEMS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2019, 31, 1950004.	0.6	2
17	Segmentation of White Blood Cells in Acute Myeloid Leukemia Microscopic Images: A Review. <i>Studies in Big Data</i> , 2022, , 1-24.	1.1	2
18	Recognition test on highly newly robust Malay corpus based on statistical analysis for Malay articulation disorder. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Development of high frequency generator for bipolar electrosurgical unit. International Journal of Engineering and Technology(UAE), 2018, 7, 20.	0.3	1
20	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
21	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
22	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
23	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
24	Computerised Hand-held Portable Eye Testing Kit. Research Journal of Applied Sciences, Engineering and Technology, 2014, 8, 1705-1709.	0.1	0
25	Magnetic resonance image segmentation for knee osteoarthritis using active shape models. , 2014, , .		0
26	Hybrid battery for rapid charging of biomedical application. , 2014, , .		0
27	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
28	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
29	Contactless power transfer system for low power medical devices. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 438-444.	0.8	0
30	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