

Timothy Tzen Vun Yap

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

95
citations

1478505

6
h-index

1474206

9
g-index

31
all docs

31
docs citations

31
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Road Surface Conditions using IoT Sensors and Machine Learning. Lecture Notes in Electrical Engineering, 2019, , 259-268.	0.4	23
2	MMU GASPFA: A COTS multimodal biometric database. Pattern Recognition Letters, 2013, 34, 2043-2050.	4.2	10
3	Autonomous Road Potholes Detection on Video. Lecture Notes in Electrical Engineering, 2019, , 137-143.	0.4	8
4	Vehicle Classification using Convolutional Neural Network for Electronic Toll Collection. Lecture Notes in Electrical Engineering, 2020, , 169-177.	0.4	7
5	Signal design for the identification of multivariable ill-conditioned systems using virtual transfer function between inputs. IET Control Theory and Applications, 2012, 6, 394.	2.1	6
6	Identification of higher-dimensional ill-conditioned systems using extensions of virtual transfer function between inputs. Journal of Process Control, 2017, 56, 58-68.	3.3	3
7	A Machine Learning Approach to Predictive Modelling of Student Performance. F1000Research, 0, 10, 1144.	1.6	3
8	Genetic-Algorithm-Inspired Difficulty Adjustment for Proof-of-Work Blockchains. Symmetry, 2022, 14, 609.	2.2	3
9	ReSQoV: A Scalable Resource Allocation Model for QoS-Satisfied Cloud Services. Future Internet, 2022, 14, 131.	3.8	3
10	Modelling sentiments based on objectivity and subjectivity with self-attention mechanisms. F1000Research, 0, 10, 1001.	1.6	3
11	Identification of the static characteristics of a multizone furnace. , 2011, , .		2
12	GAIT ANALYSIS AND CLASSIFICATION ON SUBJECTS WITH PARKINSON'S DISEASE. Jurnal Teknologi (Sciences) Tj ETQqO 0,2 rgBT /Ov	0.4	2
13	Comparison of perturbation signals for ill-conditioned systems and their effectiveness in model-based control. , 2016, , .		2
14	Automatic Classification and Retrieval of Brain Hemorrhages. Lecture Notes in Electrical Engineering, 2019, , 1-11.	0.4	2
15	Exploratory graph analysis of the network data of the Ethereum blockchain. F1000Research, 0, 10, 908.	1.6	2
16	On the trade-offs of Proof-of-Work algorithms in blockchains. Lecture Notes in Electrical Engineering, 2020, , 575-584.	0.4	2
17	Waste Management System Fraud Detection Using Machine Learning Algorithms to Minimize Penalties Avoidance and Redemption Abuse. Recycling, 2021, 6, 65.	5.0	2
18	Data of vertical and horizontal handover on video transmission in Proxy Mobile IPv6. Data in Brief, 2019, 27, 104736.	1.0	1

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19	A Machine Learning Approach to Predictive Modelling of Student Performance. F1000Research, 0, 10, 1144.	1.6	1
20	Proof-of-Work Difficulty Readjustment with Genetic Algorithm. Communications in Computer and Information Science, 2021, , 11-26.	0.5	0
21	Modelling sentiments based on objectivity and subjectivity with self-attention mechanisms. F1000Research, 0, 10, 1001.	1.6	0
22	EXPLORATION OF THE SMARTPHONE AS AN INPUT DEVICE FOR MANIPULATING 3D SPACE. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	0
23	Residential Neighbourhood Security using WiFi. Lecture Notes in Electrical Engineering, 2019, , 445-452.	0.4	0
24	Adaptive Redundancy-Based Transmission for Wireless Sensor Networks. International Journal of Technology, 2019, 10, 1355.	0.8	0
25	Driving style recognition using machine learning and smartphones. F1000Research, 0, 11, 57.	1.6	0
26	Modified recurrent equation-based cubic spline interpolation for missing data recovery in phasor measurement unit (PMU). F1000Research, 0, 11, 246.	1.6	0