

T G I Fernando

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7376612/publications.pdf>

Version: 2024-02-01

26
papers

867
citations

1937685

4
h-index

1372567

10
g-index

26
all docs

26
docs citations

26
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	A variant of Newton's method with accelerated third-order convergence. Applied Mathematics Letters, 2000, 13, 87-93.	2.7	634
2	Performance analysis of the multi-objective ant colony optimization algorithms for the traveling salesman problem. Swarm and Evolutionary Computation, 2015, 23, 11-26.	8.1	80
3	A recurrent neural network approach in predicting daily stock prices an application to the Sri Lankan stock market. , 2017, , .		49
4	Solving systems of nonlinear equations using a modified firefly algorithm (MODFA). Swarm and Evolutionary Computation, 2019, 48, 72-92.	8.1	38
5	Computational personality traits assessment: A review. , 2017, , .		10
6	Deepfakes Detection Methods: A Literature Survey. , 2021, , .		6
7	Active contour model to extract boundaries of teeth in dental X-ray images. , 2013, , .		5
8	A self-tuning modified firefly algorithm to solve univariate nonlinear equations with complex roots. , 2016, , .		5
9	Wire and cable routings and harness designing systems with AI, a review. , 2016, , .		5
10	Weerakoon-Fernando Method with accelerated third-order convergence for systems of nonlinear equations. International Journal of Mathematical Modelling and Numerical Optimisation, 2018, 8, 287.	0.2	5
11	Multi-Step-Ahead Prediction of Exchange Rates Using Artificial Neural Networks: A Study on Selected Sri Lankan Foreign Exchange Rates. , 2019, , .		5
12	A modified firefly algorithm to solve univariate nonlinear equations with complex roots. , 2015, , .		4
13	Mobile Application to Identify Fish Species Using YOLO and Convolutional Neural Networks. Lecture Notes in Networks and Systems, 2021, , 303-317.	0.7	4
14	Weerakoon-Fernando Method with accelerated third-order convergence for systems of nonlinear equations. International Journal of Mathematical Modelling and Numerical Optimisation, 2018, 8, 287.	0.2	4
15	Komposer “ Automated Musical Note Generation based on Lyrics with Recurrent Neural Networks. , 2019, , .		2
16	A self-tuning algorithm to approximate roots of systems of nonlinear equations based on the firefly algorithm. International Journal of Swarm Intelligence, 2020, 5, 60.	0.3	2
17	Implementation of Modified Talbi’s Quantum Inspired Genetic Algorithm for Travelling Salesman Problem on an IBM Quantum Computer. Advances in Intelligent Systems and Computing, 2021, , 70-88.	0.6	2
18	Komposer V2: A Hybrid Approach to Intelligent Musical Composition Based on Generative Adversarial Networks with a Variational Autoencoder. Advances in Intelligent Systems and Computing, 2021, , 413-425.	0.6	2

#	ARTICLE	IF	CITATIONS
19	A modified Pareto strength ant colony optimization algorithm for the multi-objective optimization problems. , 2016, , .		1
20	Finding the Gender of Personal Names and Finding the Effect of Gana on Personal Names with Long Short Term Memory. , 2019, , .		1
21	Optimizing the Electrical Wire Routing through Multiple Points using Multi-Objective Ant Colony Algorithms for Electrical Wire Routing (MOACS-EWR). , 2019, , .		1
22	Convolutional Neural Network Approach for the Detection of Lung Cancers in Chest X-Ray Images. Studies in Computational Intelligence, 2021, , 203-226.	0.9	1
23	Ant Colony Optimization Algorithm to Solve Electrical Cable Routing. Lecture Notes in Electrical Engineering, 2020, , 69-85.	0.4	1
24	A Hybrid Algorithm to Solve Multi-model Optimization Problems Based on the Particle Swarm Optimization with a Modified Firefly Algorithm. Advances in Intelligent Systems and Computing, 2021, , 308-325.	0.6	0
25	Violence Detection of Sinhala Image Posts with Autoencoders. , 2021, , .		0
26	Facial Feature Identification in the Deep Learning Based Apparent Personality Detection. , 2022, , .		0