

Thanh Hai Nguyen

List of Publications by Year in descending order

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59
papers

159
citations

1684188

5
h-index

1372567

10
g-index

64
all docs

64
docs citations

64
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Approach for Forecasting Water Quality in IoT Systems. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	20
2	Deep Learning with Data Transformation and Factor Analysis for Student Performance Prediction. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	18
3	Enhancing Metagenome-based Disease Prediction by Unsupervised Binning Approaches. , 2019, , .		12
4	Effective Opinion Words Extraction for Food Reviews Classification. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	9
5	A Mobility Prediction Model for Location-Based Social Networks. Lecture Notes in Computer Science, 2016, , 106-115.	1.3	8
6	Decoders configurations based on Unet family and feature pyramid network for COVID-19 segmentation on CT images. PeerJ Computer Science, 2021, 7, e719.	4.5	7
7	Metagenome-Based Disease Classification with Deep Learning and Visualizations Based on Self-organizing Maps. Lecture Notes in Computer Science, 2019, , 307-319.	1.3	7
8	Explanation of the Convolutional Neural Network Classifying Chest X-Ray Images Supporting Pneumonia Diagnosis. EAI Endorsed Transactions on Context-aware Systems and Applications, 2020, 7, 165349.	0.2	6
9	Disease Prediction Using Metagenomic Data Visualizations Based on Manifold Learning and Convolutional Neural Network. Lecture Notes in Computer Science, 2019, , 117-131.	1.3	5
10	Course Recommendation with Deep Learning Approach. Communications in Computer and Information Science, 2020, , 63-77.	0.5	5
11	An approach for learning resource recommendation using deep matrix factorization. Journal of Information and Telecommunication, 2022, 6, 381-398.	2.8	5
12	An effective way for Taiwanese stock price prediction: Boosting the performance with machine learning techniques. Concurrency Computation Practice and Experience, 2023, 35, e6437.	2.2	4
13	An Approach for Project Management System Based on Blockchain. Communications in Computer and Information Science, 2021, , 310-326.	0.5	4
14	Disease Prediction Using Synthetic Image Representations of Metagenomic Data and Convolutional Neural Networks. , 2019, , .		3
15	Diagnosis Approaches for Colorectal Cancer Using Manifold Learning and Deep Learning. SN Computer Science, 2020, 1, 1.	3.6	3
16	Brown Planthopper Sensor Network Optimization Based on Climate and Geographical Factors using Cellular Automata Technique. Mobile Networks and Applications, 2021, 26, 1311-1328.	3.3	3
17	Efficient Discretization Approaches for Machine Learning Techniques to Improve Disease Classification on Gut Microbiome Composition Data. Advances in Science, Technology and Engineering Systems, 2020, 5, 547-556.	0.5	3
18	Improving Disease Prediction using Shallow Convolutional Neural Networks on Metagenomic Data Visualizations based on Mean-Shift Clustering Algorithm. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	3

#	ARTICLE	IF	CITATIONS
19	Deep Self-Organising Maps for efficient heterogeneous biomedical signatures extraction. , 2016, , .		2
20	A Novel Approach for Data Collection and Network Attack Warning. , 2019, , .		2
21	Product Recommendation System Using Opinion Mining on Vietnamese Reviews. Studies in Computational Intelligence, 2021, , 313-325.	0.9	2
22	Inflammatory Bowel Disease Classification Improvement with Metagenomic Data Binning Using Mean-Shift Clustering. Communications in Computer and Information Science, 2020, , 294-308.	0.5	2
23	Dá»± bÃ½o ká»±t quá»± há»± tá»±p bá»±ng ká»± ¹ thuá»±t há»± sÃ½u vá»±i má»±ng nÃ½-j-ron Ã½ tá»±ng. Tap Chi Khoa Hoc = Journal of Science, 2021, 56(3), 20.	0.1	2
24	Ensemble Learning for Mining Opinions on Food Reviews. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 56-70.	0.3	2
25	HS-UNET-ID: An approach for human skin classification integrating between UNET and improved dense convolutional network. International Journal of Imaging Systems and Technology, 0, , .	4.1	2
26	A novel approach for location promotion on location-based social networks. , 2015, , .		1
27	Automated translation between RESTful/JSON and SPARQL messages for accessing semantic data. , 2016, , .		1
28	Feature Selection Based on a Shallow Convolutional Neural Network and Saliency Maps on Metagenomic Data. Lecture Notes in Electrical Engineering, 2021, , 107-116.	0.4	1
29	Abnormality Bone Detection in X-Ray Images Using Convolutional Neural Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 31-43.	0.3	1
30	Gene Family Abundance Visualization based on Feature Selection Combined Deep Learning to Improve Disease Diagnosis. Journal of Engineering and Technological Sciences, 2021, 53, 210109.	0.6	1
31	Modeling population dynamics for information dissemination through Facebook. Concurrency Computation Practice and Experience, 2023, 35, e6333.	2.2	1
32	Telecommunications Services Revenue Forecast Using Neural Networks. Studies in Computational Intelligence, 2021, , 299-312.	0.9	1
33	Deep Matrix Factorization for Learning Resources Recommendation. Lecture Notes in Computer Science, 2021, , 167-179.	1.3	1
34	Growing Self-Organizing Maps for Metagenomic Visualizations Supporting Disease Classification. Lecture Notes in Computer Science, 2020, , 151-166.	1.3	1
35	Deep Learning Approaches to Human Gait Pattern Classification Based On MEMS Sensors. IEIE Transactions on Smart Processing and Computing, 2020, 9, 284-292.	0.4	1
36	A Novel Approach for Accessing Semantic Data by Translating RESTful/JSON Commands into SPARQL Messages. IEIE Transactions on Smart Processing and Computing, 2016, 5, 222-229.	0.4	1

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37	Deep Learning Approach for Automatic Topic Classification in an Online Submission System. Advances in Science, Technology and Engineering Systems, 2020, 5, 700-709.	0.5	1
38	Forecasting Sensor Data Using Multivariate Time Series Deep Learning. Communications in Computer and Information Science, 2020, , 215-229.	0.5	1
39	Enhancing Disease Prediction on Imbalanced Metagenomic Dataset by Cost-Sensitive. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	1
40	Human Mobility Prediction Using k-Latest Check-ins. Communications in Computer and Information Science, 2021, , 36-49.	0.5	1
41	Forecasting and Analyzing the Risk of Dropping Out of High School Students in Ca Mau Province. Communications in Computer and Information Science, 2021, , 224-237.	0.5	1
42	Personalized Student Performance Prediction Using Multivariate Long Short-Term Memory. Communications in Computer and Information Science, 2021, , 238-247.	0.5	1
43	Human Gait Patterns Classification based on MEMS Data using Unsupervised and Supervised Learning Algorithms. , 2019, , .		0
44	Four Grade Levels-Based Models with Random Forest for Student Performance Prediction at a Multidisciplinary University. Lecture Notes in Networks and Systems, 2021, , 1-12.	0.7	0
45	A Convolutional Neural Network on X-Ray Images for Pneumonia Diagnosis. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 203-215.	0.3	0
46	Taiwanese Stock Market Forecasting with a Shallow Long Short-Term Memory Architecture. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 192-202.	0.3	0
47	Pleural Effusion Diagnosis using Local Interpretable Model-agnostic Explanations and Convolutional Neural Network. IEIE Transactions on Smart Processing and Computing, 2021, 10, 101-108.	0.4	0
48	A Simulation Combination Approach between GAMA and DIGIPLANT for Rice Plant Growth Visualization under Brown Planthopper Infestation. IEIE Transactions on Smart Processing and Computing, 2021, 10, 315-322.	0.4	0
49	Giá trị thuật toán xác lập thói quen ăn uống và lối sống của người dân ở các tỉnh thành phố thuộc vùng đồng bằng sông Cửu Long. Tạp Chí Khoa Học = Journal of Science, 2016, 43, 116.	0.1	0
50	A Data Conversion Approach Between GAMA and DIGIPLANT Simulating Rice Plant Growth Under Brown Planthopper Infestation. Lecture Notes in Computer Science, 2020, , 87-99.	1.3	0
51	K-Means Clustering for Features Arrangement in Metagenomic Data Visualization. Communications in Computer and Information Science, 2020, , 74-86.	0.5	0
52	ẢNH HƯỞNG CỦA VIỆC SỬ DỤNG CÔNG NGHỆ THÔNG TIN TRONG VIỆC QUẢN LÝ VÀO VIỆC PHÁT TRIỂN KINH TẾ VÀ XÃ HỘI TẠI ĐÀ LẠT. Dalat University Journal of Science, 0, , 117-144.	0.0	0
53	An Approach for Skin Lesions Classification with a Shallow Convolutional Neural Network. Communications in Computer and Information Science, 2020, , 265-280.	0.5	0
54	Feature Selection Using Local Interpretable Model-Agnostic Explanations on Metagenomic Data. Communications in Computer and Information Science, 2020, , 340-357.	0.5	0

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55	Viral and Bacterial Pneumonia Diagnosis via Deep Learning Techniques and Model Explainability. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	0
56	Genome-Wide Association Analysis for Oat Genetics Using Support Vector Machines. Communications in Computer and Information Science, 2020, , 452-460.	0.5	0
57	Binning Approach based on Classical Clustering for Type 2 Diabetes Diagnosis. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	0
58	Hospital Revenue Forecast Using Multivariate and Univariate Long Short-Term Memories. Communications in Computer and Information Science, 2021, , 50-65.	0.5	0
59	Entropy-Based Discretization Approach on Metagenomic Data for Disease Prediction. Communications in Computer and Information Science, 2021, , 375-386.	0.5	0