

Thanh Hai Nguyen

List of Publications by Year in descending order

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59
papers

159
citations

1683354

5
h-index

1372195

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, .	0.5	20
2	Deep Learning with Data Transformation and Factor Analysis for Student Performance Prediction. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	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, .	0.5	9
5	A Mobility Prediction Model for Location-Based Social Networks. Lecture Notes in Computer Science, 2016, , 106-115.	1.0	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.	2.7	7
7	Metagenome-Based Disease Classification with Deep Learning and Visualizations Based on Self-organizing Maps. Lecture Notes in Computer Science, 2019, , 307-319.	1.0	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.	0.1	6
9	Disease Prediction Using Metagenomic Data Visualizations Based on Manifold Learning and Convolutional Neural Network. Lecture Notes in Computer Science, 2019, , 117-131.	1.0	5
10	Course Recommendation with Deep Learning Approach. Communications in Computer and Information Science, 2020, , 63-77.	0.4	5
11	An approach for learning resource recommendation using deep matrix factorization. Journal of Information and Telecommunication, 2022, 6, 381-398.	2.2	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.	1.4	4
13	An Approach for Project Management System Based on Blockchain. Communications in Computer and Information Science, 2021, , 310-326.	0.4	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.	2.3	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.	2.2	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.	0.4	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, .	0.5	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.	0.7	2
22	Inflammatory Bowel Disease Classification Improvement with Metagenomic Data Binning Using Mean-Shift Clustering. Communications in Computer and Information Science, 2020, , 294-308.	0.4	2
23	Dá»± bÃ;jo ká»±t quá»± há»± tá»±p bá»±ng ká»± ¹ thuá»±t há»±e sÃ;u vá»±i má»±ng nÃ;ron Ã;á tá»±ng. Tap Chi Khoa Hoc = Journal of Science 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.	0.2	2
25	HS-UNET: An approach for human skin classification integrating between UNET and improved dense convolutional network. International Journal of Imaging Systems and Technology, 0, , .	2.7	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.	0.3	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.	0.2	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.	0.3	1
31	Modeling population dynamics for information dissemination through Facebook. Concurrency Computation Practice and Experience, 2023, 35, e6333.	1.4	1
32	Telecommunications Services Revenue Forecast Using Neural Networks. Studies in Computational Intelligence, 2021, , 299-312.	0.7	1
33	Deep Matrix Factorization for Learning Resources Recommendation. Lecture Notes in Computer Science, 2021, , 167-179.	1.0	1
34	Growing Self-Organizing Maps for Metagenomic Visualizations Supporting Disease Classification. Lecture Notes in Computer Science, 2020, , 151-166.	1.0	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.	0.3	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.	0.3	1

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37	Deep Learning Approach for Automatic Topic Classification in an Online Submission System. <i>Advances in Science, Technology and Engineering Systems</i> , 2020, 5, 700-709.	0.4	1
38	Forecasting Sensor Data Using Multivariate Time Series Deep Learning. <i>Communications in Computer and Information Science</i> , 2020, , 215-229.	0.4	1
39	Enhancing Disease Prediction on Imbalanced Metagenomic Dataset by Cost-Sensitive. <i>International Journal of Advanced Computer Science and Applications</i> , 2020, 11, .	0.5	1
40	Human Mobility Prediction Using k-Latest Check-ins. <i>Communications in Computer and Information Science</i> , 2021, , 36-49.	0.4	1
41	Forecasting and Analyzing the Risk of Dropping Out of High School Students in Ca Mau Province. <i>Communications in Computer and Information Science</i> , 2021, , 224-237.	0.4	1
42	Personalized Student Performance Prediction Using Multivariate Long Short-Term Memory. <i>Communications in Computer and Information Science</i> , 2021, , 238-247.	0.4	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. <i>Lecture Notes in Networks and Systems</i> , 2021, , 1-12.	0.5	0
45	A Convolutional Neural Network on X-Ray Images for Pneumonia Diagnosis. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021, , 203-215.	0.2	0
46	Taiwanese Stock Market Forecasting with a Shallow Long Short-Term Memory Architecture. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021, , 192-202.	0.2	0
47	Pleural Effusion Diagnosis using Local Interpretable Model-agnostic Explanations and Convolutional Neural Network. <i>IEIE Transactions on Smart Processing and Computing</i> , 2021, 10, 101-108.	0.3	0
48	A Simulation Combination Approach between GAMA and DIGIPLANT for Rice Plant Growth Visualization under Brown Planthopper Infestation. <i>IEIE Transactions on Smart Processing and Computing</i> , 2021, 10, 315-322.	0.3	0
49	Giá trị thuật toán thám hiểm đa biến dựa vào công dụng và ảnh hưởng của các yếu tố trong quá trình khám phá. <i>Tap Chi Khoa Hoc = Journal of Science</i> , 2016, 43, 116.	0.1	0
50	A Data Conversion Approach Between GAMA and DIGIPLANT Simulating Rice Plant Growth Under Brown Planthopper Infestation. <i>Lecture Notes in Computer Science</i> , 2020, , 87-99.	1.0	0
51	K-Means Clustering for Features Arrangement in Metagenomic Data Visualization. <i>Communications in Computer and Information Science</i> , 2020, , 74-86.	0.4	0
52	“ANH GIẢ CẢNH CÁM HỒ – TRÁNG CHÁNH AN BẢNH VÀ NHỮNG CÁCH TIẾP CẬN Y HỒ CẾ CẢ THÁM, HỒ “A TRẢNH DẠ” LIÊN TẬP DALAT UNIVERSITY JOURNAL OF SCIENCE, 0, , 117-144.	0.0	0
53	An Approach for Skin Lesions Classification with a Shallow Convolutional Neural Network. <i>Communications in Computer and Information Science</i> , 2020, , 265-280.	0.4	0
54	Feature Selection Using Local Interpretable Model-Agnostic Explanations on Metagenomic Data. <i>Communications in Computer and Information Science</i> , 2020, , 340-357.	0.4	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, .	0.5	0
56	Genome-Wide Association Analysis for Oat Genetics Using Support Vector Machines. Communications in Computer and Information Science, 2020, , 452-460.	0.4	0
57	Binning Approach based on Classical Clustering for Type 2 Diabetes Diagnosis. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	0
58	Hospital Revenue Forecast Using Multivariate and Univariate Long Short-Term Memories. Communications in Computer and Information Science, 2021, , 50-65.	0.4	0
59	Entropy-Based Discretization Approach on Metagenomic Data for Disease Prediction. Communications in Computer and Information Science, 2021, , 375-386.	0.4	0