Dac-Nhuong Le

List of Publications by Year
in descending order

106 papers	1,853 citations	346980 22 h-index	425179 34 g-index
173 all docs	173 docs citations	173 times ranked	1276 citing authors

#	Article	IF	Citations
1	Integrating encryption techniques for secure data storage in the cloud. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4108.	2.6	42
2	W-GeoR: Weighted Geographical Routing for VANET's Health Monitoring Applications in Urban Traffic Networks. IEEE Access, 2022, 10, 38850-38869.	2.6	21
3	Deriving Driver Behavioral Pattern Analysis and Performance Using Neural Network Approaches. Intelligent Automation and Soft Computing, 2022, 32, 87-99.	1.6	10
4	Towards aspect based requirements mining for trace retrieval of component-based software management process in globally distributed environment. Information Technology and Management, 2022, 23, 151-165.	1.4	4
5	A Novel Design of Morlet Wavelet to Solve the Dynamics of Nervous Stomach Nonlinear Model. International Journal of Computational Intelligence Systems, 2022, 15, 1.	1.6	25
6	A Novel Compact Frequency and Polarization Reconfigurable Slot Antenna Using PIN Diodes for Cognitive Radio Applications. EAI/Springer Innovations in Communication and Computing, 2022, , 85-95.	0.9	1
7	Plant Disease Identification Based on Leaf Images Using Deep Learning. Lecture Notes in Electrical Engineering, 2022, , 215-224.	0.3	1
8	Modeling and Simulation of Two Axes Gimbal Using Fuzzy Control. Computers, Materials and Continua, 2022, 72, 93-107.	1.5	0
9	A Comparative Analysis of Machine Learning Models for Banking News Extraction by Multiclass Classification With Imbalanced Datasets of Financial News: Challenges and Solutions. International Journal of Interactive Multimedia and Artificial Intelligence, 2022, 7, 35.	1.0	15
10	Dynamic Data Optimization in IoT-Assisted Sensor Networks on Cloud Platform. Computers, Materials and Continua, 2022, 72, 1357-1372.	1.5	2
11	Data Quality for AI Tool: Exploratory Data Analysis on IBM API. International Journal of Intelligent Systems and Applications, 2022, 14, 42-56.	0.9	2
12	LoRa based intelligent soil and weather condition monitoring with internet of things for precision agriculture in smart cities. IET Communications, 2022, 16, 604-618.	1.5	36
13	Adaptive Scheduling Algorithm Based Task Loading in Cloud Data Centers. IEEE Access, 2022, 10, 49412-49421.	2.6	3
14	An adaptive traffic routing approach toward load balancing and congestion control in Cloud–MANET ad hoc networks. Soft Computing, 2022, 26, 5377-5388.	2.1	25
15	Enhanced Marathi Speech Recognition Facilitated by Grasshopper Optimisation-Based Recurrent Neural Network. Computer Systems Science and Engineering, 2022, 43, 439-454.	1.9	1
16	An efficient driver behavioral pattern analysis based on fuzzy logical feature selection and classification in big data analysis. Journal of Intelligent and Fuzzy Systems, 2022, 43, 3283-3292.	0.8	7
17	An Intelligent Prediction Model for Target Protein Identification in Hepatic Carcinoma Using Novel Graph Theory and ANN Model. CMES - Computer Modeling in Engineering and Sciences, 2022, .	0.8	3
18	Secure Cloud Data Storage System using Hybrid Paillier-Blowfish Algorithm. Computers, Materials and Continua, 2021, 67, 779-798.	1.5	25

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19	Memetic Optimization with Cryptographic Encryption for Secure Medical Data Transmission in IoT-based Distributed Systems. Computers, Materials and Continua, 2021, 66, 1577-1594.	1.5	28
20	A Comprehensive Investigation of Machine Learning Feature Extraction and Classification Methods for Automated Diagnosis of COVID-19 Based on X-Ray Images. Computers, Materials and Continua, 2021, 66, 3289-3310.	1.5	55
21	Driving Pattern Profiling and Classification Using Deep Learning. Intelligent Automation and Soft Computing, 2021, 28, 887-906.	1.6	15
22	Rock Hyraxes Swarm Optimization: A New Nature-Inspired Metaheuristic Optimization Algorithm. Computers, Materials and Continua, 2021, 68, 643-654.	1.5	17
23	IoT Technology Enabled Heuristic Model With Morlet Wavelet Neural Network for Numerical Treatment of Heterogeneous Mosquito Release Ecosystem. IEEE Access, 2021, 9, 132897-132913.	2.6	21
24	Design and Development of Collaborative AR System for Anatomy Training. Intelligent Automation and Soft Computing, 2021, 27, 853-871.	1.6	6
25	MMAS Algorithm and Nash Equilibrium to Solve Multi-round Procurement Problem. Lecture Notes in Electrical Engineering, 2021, , 273-284.	0.3	2
26	Synchronization Phenomena Investigation of A New Nonlinear Dynamical System 4-D by Gardano's and Lyapunov's Methods. Computers, Materials and Continua, 2021, 66, 3311-3327.	1.5	41
27	IoT enabled depthwise separable convolution neural network with deep support vector machine for COVID-19 diagnosis and classification. International Journal of Machine Learning and Cybernetics, 2021, 12, 3235-3248.	2.3	94
28	PTS-PAPR Reduction Technique for 5G Advanced Waveforms Using BFO Algorithm. Intelligent Automation and Soft Computing, 2021, 27, 713-722.	1.6	18
29	Computational Intelligent Paradigms to Solve the Nonlinear SIR System for Spreading Infection and Treatment Using Levenberg–Marquardt Backpropagation. Symmetry, 2021, 13, 618.	1.1	16
30	Nanoscale heat and mass transport of magnetized 3-D chemically radiative hybrid nanofluid with orthogonal/inclined magnetic field along rotating sheet. Case Studies in Thermal Engineering, 2021, 26, 101193.	2.8	62
31	The Impact of the COVID-19 Pandemic on College Students: An Online Survey. Sustainability, 2021, 13, 10762.	1.6	16
32	Integrated intelligence of neuro-evolution with sequential quadratic programming for second-order Lane–Emden pantograph models. Mathematics and Computers in Simulation, 2021, 188, 87-101.	2.4	28
33	Capitalizing on big data and revolutionary 5G technology: Extracting and visualizing ratings and reviews of global chain hotels. Computers and Electrical Engineering, 2021, 95, 107374.	3.0	47
34	A comprehensive study on the role of advanced technologies in 5G based smart hospital. AEJ - Alexandria Engineering Journal, 2021, 60, 5527-5536.	3.4	30
35	The Red Colobuses Monkey: A New Nature–Inspired Metaheuristic Optimization Algorithm. International Journal of Computational Intelligence Systems, 2021, 14, 1108.	1.6	16
36	Deep Learning based Optimal Multimodal Fusion Framework for Intrusion Detection Systems for Healthcare Data. Computers, Materials and Continua, 2021, 66, 2555-2571.	1.5	16

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37	Securing Technique Using Pattern-Based LSB Audio Steganography and Intensity-Based Visual Cryptography. Computers, Materials and Continua, 2021, 67, 1207-1224.	1.5	5
38	Neuro-Swarm heuristic using interior-point algorithm to solve a third kind of multi-singular nonlinear system. Mathematical Biosciences and Engineering, 2021, 18, 5285-5308.	1.0	8
39	COVID-DeepNet: Hybrid Multimodal Deep Learning System for Improving COVID-19 Pneumonia Detection in Chest X-ray Images. Computers, Materials and Continua, 2021, 67, 2409-2429.	1.5	77
40	BioSenHealth 2.0â€"a low-cost, energy-efficient Internet of Thingsâ€"based blood glucose monitoring system. , 2020, , 305-324.		4
41	Global Forecasting Confirmed and Fatal Cases of COVID-19 Outbreak Using Autoregressive Integrated Moving Average Model. Frontiers in Public Health, 2020, 8, 580327.	1.3	48
42	GUI-Based Percentage Analysis forÂCuring Breast Cancer Survivors. Advances in Intelligent Systems and Computing, 2020, , 319-327.	0.5	3
43	Efficient Dual-Cooperative Bait Detection Scheme for Collaborative Attackers on Mobile Ad-Hoc Networks. IEEE Access, 2020, 8, 227962-227969.	2.6	32
44	MAP MATCHING ALGORITHM: REAL TIME LOCATION TRACKING FOR SMART SECURITY APPLICATION. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2020, 79, 1189-1203.	0.2	50
45	Optimizing Bidders Selection of Multi-Round Procurement Problem in Software Project Management Using Parallel Max-Min Ant System Algorithm. Computers, Materials and Continua, 2020, 66, 993-1010.	1.5	18
46	Open Stack: Resources Allocation for Distributed Virtual Machine Peer to Peer. Advances in Intelligent Systems and Computing, 2020, , 341-349.	0.5	0
47	An effective RGB color selection for complex 3D object structure in scene graph systems. International Journal of Electrical and Computer Engineering, 2020, 10, 5951.	0.5	2
48	Detecting Lumbar Implant and Diagnosing Scoliosis from Vietnamese X-Ray Imaging Using the Pre-Trained API Models and Transfer Learning. Computers, Materials and Continua, 2020, 66, 17-33.	1.5	6
49	A Novel Particle Swarm Optimization Approach to Support Decision-Making in the Multi-Round of an Auction by Game Theory. International Journal of Computational Intelligence Systems, 2020, 13, 1447.	1.6	12
50	Comprehensive Analysis of Routing Protocols Surrounding Underwater Sensor Networks (UWSNs). Advances in Intelligent Systems and Computing, 2019, , 435-450.	0.5	25
51	NoSQL Database Classification. International Journal of Knowledge-Based Organizations, 2019, 9, 50-65.	0.3	5
52	Space-Time Code Design Using Quaternions, Octonions and Other Non-Associative Structures. International Journal of Electrical and Computer Engineering Systems, 2019, 10, 91-95.	0.5	2
53	Communication in Internet of Things. Advances in Intelligent Systems and Computing, 2018, , 272-281.	0.5	19
54	The Relation of Curiosity and Creative use of IT. Advances in Intelligent Systems and Computing, 2018, , 537-547.	0.5	0

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55	Smart Surveillance Robot for Real-Time Monitoring and Control System in Environment and Industrial Applications. Advances in Intelligent Systems and Computing, 2018, , 229-243.	0.5	34
56	Haralick Features-Based Classification of Mammograms Using SVM. Advances in Intelligent Systems and Computing, 2018, , 787-795.	0.5	18
57	Light microscopy image de-noising using optimized LPA-ICI filter. Neural Computing and Applications, 2018, 29, 1517-1533.	3.2	24
58	A Hybrid Approach of Secret Sharingwith Fragmentation and Encryptionin Cloud Environment for SecuringOutsourced Medical Database:A Revolutionary Approach. Journal of Cyber Security and Mobility, 2018, 7, 379-408.	0.7	28
59	Automatic Generation of Synsets for Wordnet of Hindi Language. International Journal of Natural Computing Research, 2018, 7, 31-47.	0.5	2
60	Training System Design of Lower Limb Rehabilitation Robot Based on Virtual Reality. , 2018, , 203-221.		0
61	Smart Home: Personal Assistant and Baby Monitoring System. , 2018, , 259-284.		1
62	Review of Virtual Reality Evaluation Methods and Psychophysiological Measurement Tools. , 2018, , 69-86.		1
63	Virtual Reality (VR) & Augmented Reality (AR) technologies for tourism and hospitality industry. International Journal of Engineering and Technology(UAE), 2018, 7, 156.	0.2	112
64	Massively Multi-user Online Social Virtual Reality Systems: Ethical Issues and Risks for Long-Term Use. , 2018, , 131-149.		7
65	Admission control algorithm based on the effective bandwidth in vehicleâ€toâ€infrastructure communication. IET Communications, 2018, 12, 704-711.	1.5	12
66	Baseline Correction in EMG Signals Using Mathematical Morphology and Canonical Correlation Analysis. Advances in Intelligent Systems and Computing, 2018, , 581-589.	0.5	1
67	Internet of Things based system for Smart Kitchen. International Journal of Engineering and Manufacturing, 2018, 8, 29-39.	0.5	22
68	Validation Lamina for Maintaining Confidentiality within the Hadoop. International Journal of Information Engineering and Electronic Business, 2018, 10, 42-50.	1.0	1
69	A Special Section on Machine Learning in Medical Imaging and Health Informatics. Journal of Medical Imaging and Health Informatics, 2018, 8, 809-810.	0.2	0
70	Map Matching Algorithm: Trajectory and Sequential Map Analysis on Road Network. EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, 2018, 5, 155999.	1.5	2
71	Optimizing feature selection in video-based recognition using Maxâ€"Min Ant System for the online video contextual advertisement user-oriented system. Journal of Computational Science, 2017, 21, 361-370.	1.5	23
72	A parallel max-min ant system algorithm for dynamic resource allocation to support QoS requirements. , 2017, , .		4

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73	MMAS Algorithm for Features Selection Using 1D-DWT for Video-Based Face Recognition in the Online Video Contextual Advertisement User-Oriented System. Journal of Global Information Management, 2017, 25, 103-124.	1.4	5
74	Interconnect Network on Chip Topology in Multi-core Processors: A Comparative Study. International Journal of Computer Network and Information Security, 2017, 9, 52-62.	1.8	4
75	Multispectral medical image fusion in Contourlet domain for computer based diagnosis of Alzheimerâ€™s disease. Review of Scientific Instruments, 2016, 87, 074303.	0.6	23
76	An Optimized Anisotropic Diffusion Approach for Despeckling of SAR Images. Communications in Computer and Information Science, 2016, , 134-140.	0.4	6
77	A New Private Security Policy Approach for DDoS Attack Defense in NGNs. Advances in Intelligent Systems and Computing, 2016, , 1-10.	0.5	7
78	Performance Analysis of Network Virtualization in Cloud Computing Infrastructures on OpenStack. Advances in Intelligent Systems and Computing, 2016, , 95-103.	0.5	13
79	Performance Evaluation of Video-Based Face Recognition Approaches for Online Video Contextual Advertisement User-Oriented System. Advances in Intelligent Systems and Computing, 2016, , 287-295.	0.5	4
80	Ant Colony Optimization Based Anisotropic Diffusion Approach for Despeckling of SAR Images. Lecture Notes in Computer Science, 2016, , 389-396.	1.0	13
81	A Performance Analysis of OpenStack Open-Source Solution for IaaS Cloud Computing. Advances in Intelligent Systems and Computing, 2016, , 141-150.	0.5	15
82	An Integrated Interactive Technique for Image Segmentation using Stack based Seeded Region Growing and Thresholding. International Journal of Electrical and Computer Engineering, 2016, 6, 2773.	0.5	51
83	Healthy and Unhealthy Rat Hippocampus Cells Classification: A Neural Based Automated System for Alzheimer Disease Classification. Journal of Advanced Microscopy Research, 2016, 11, 1-10.	0.3	24
84	A Comprehensive Review of Semiconductor-Type Gas Sensors for Environmental Monitoring. Review of Computer Engineering Research, 2016, 3, 55-64.	0.8	17
85	Chinese-chi and Kundalini yoga Meditations Effects on the Autonomic Nervous System: Comparative Study. International Journal of Interactive Multimedia and Artificial Intelligence, 2016, 3, 87.	1.0	9
86	Optimizing Selection of PZMI Features Based on MMAS Algorithm for Face Recognition of the Online Video Contextual Advertisement User-Oriented System. Lecture Notes in Computer Science, 2016, , 317-330.	1.0	1
87	A New Multiple-Pattern Matching Algorithm for the Network Intrusion Detection System. International Journal of Engineering and Technology, 2016, 8, 94-100.	0.1	0
88	Evaluation of Pheromone Update in Min-Max Ant System Algorithm to Optimizing QoS for Multimedia Services in NGNs. Advances in Intelligent Systems and Computing, 2015, , 9-17.	0.5	3
89	Applied MMAS Algorithm to Optimal Resource Allocation to Support QoS Requirements in NGNs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 209-216.	0.2	1
90	A New Ant-Based Approach for Optimal Service Selection with E2E QoS Constraints. Communications in Computer and Information Science, 2015, , 98-109.	0.4	4

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91	Detecting phishing web pages based on DOM-tree structure and graph matching algorithm. , 2014, , .		7
92	A New Ant Colony Optimization Algorithm Applied to Optimizing Centralized Wireless Access Network. International Journal of Information Technology and Computer Science, 2014, 6, 30-36.	0.8	1
93	A Comparatives Study of Gateway Placement Optimization in Wireless Mesh Network using GA, PSO and ACO. International Journal of Information and Network Security (IJINS), 2013, 2, .	0.4	2
94	Optimizing QoS for Multimedia Services in Next Generation Network Based on ACO Algorithm. International Journal of Information Technology and Computer Science, 2013, 5, 30-38.	0.8	4
95	A New Genetic Algorithm Applied to Multi-Objectives Optimal of Upgrading Infrastructure in NGWN. Communications and Network, 2013, 05, 223-231.	0.6	0
96	A Novel Ant Colony Optimization-Based Algorithm for the Optimal Communication Spanning Tree Problem. International Journal of Computer Theory and Engineering, 2013, , 509-513.	3.2	2
97	A Novel PSO Based Algorithm Approach for the cMTS to Improve QoS in Next Generation Networks. International Journal of Future Computer and Communication, 2013, , 413-417.	1.3	0
98	Optimizing Gateway Placement in Wireless Mesh Networks Based on ACO Algorithm. International Journal of Computer and Communication Engineering, 2013, , 143-147.	0.2	4
99	PSO and ACO Algorithms Applied to Optimization Resource Allocation to Support QoS Requirements in NGN. International Journal of Information and Network Security (IJINS), 2013, 2, .	0.4	6
100	Optimizing the CMTS to Improve Quality of Service in Next Generation Networks based on ACO Algorithm. International Journal of Computer Network and Information Security, 2013, 5, 25-30.	1.8	11
101	GA and ACO Algorithms Applied to Optimizing Location of Controllers in Wireless Networks. International Journal of Electrical and Computer Engineering, 2013, 3, .	0.5	9
102	ACO Algorithm Applied to Multi-Objectives Optimization of Capacity Expansion in Next Generation Wireless Network. International Journal of Wireless and Microwave Technologies, 2013, 3, 37-49.	0.8	0
103	Improving Genetic Algorithm to Solve Multi-objectives Optimal of Upgrading Infrastructure in NGWN. International Journal of Intelligent Systems and Applications, 2013, 5, 53-63.	0.9	3
104	A New Genetic Algorithm for the Optimal Centralized Wireless Access Network. International Journal of Information and Network Security (IJINS), 2012, 2, .	0.4	3
105	A neuro-swarming intelligent heuristic for second-order nonlinear Lane–Emden multi-pantograph delay differential system. Complex & Intelligent Systems, 0, , 1.	4.0	12
106	Detection of Malicious Executables Using Rule Based Classification Algorithms. , 0, , .		2