

Robertas Damaševičius

List of Publications by Year in descending order

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403
papers

10,254
citations

36271

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420
all docs

420
docs citations

420
times ranked

6492
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Transfer Learning Based Approach for Pneumonia Detection in Chest X-ray Images. Applied Sciences (Switzerland), 2020, 10, 559.	1.3	431
2	Multimodal Brain Tumor Classification Using Deep Learning and Robust Feature Selection: A Machine Learning Application for Radiologists. Diagnostics, 2020, 10, 565.	1.3	231
3	COVID-19 image classification using deep features and fractional-order marine predators algorithm. Scientific Reports, 2020, 10, 15364.	1.6	182
4	Consumer grade EEG devices: are they usable for control tasks?. PeerJ, 2016, 4, e1746.	0.9	151
5	Detecting Parkinson's disease with sustained phonation and speech signals using machine learning techniques. Pattern Recognition Letters, 2019, 125, 55-62.	2.6	150
6	Skin Lesion Segmentation and Multiclass Classification Using Deep Learning Features and Improved Moth Flame Optimization. Diagnostics, 2021, 11, 811.	1.3	146
7	Real-Time Hand Gesture Recognition Based on Deep Learning YOLOv3 Model. Applied Sciences (Switzerland), 2021, 11, 4164.	1.3	140
8	Fuzzy based image edge detection algorithm for blood vessel detection in retinal images. Applied Soft Computing Journal, 2020, 94, 106452.	4.1	122
9	An Efficient DenseNet-Based Deep Learning Model for Malware Detection. Entropy, 2021, 23, 344.	1.1	120
10	Breast Cancer Classification from Ultrasound Images Using Probability-Based Optimal Deep Learning Feature Fusion. Sensors, 2022, 22, 807.	2.1	119
11	Machine Learning and Deep Learning Methods for Skin Lesion Classification and Diagnosis: A Systematic Review. Diagnostics, 2021, 11, 1390.	1.3	117
12	Cloud Computing-Based Framework for Breast Cancer Diagnosis Using Extreme Learning Machine. Diagnostics, 2021, 11, 241.	1.3	116
13	A neuro-heuristic approach for recognition of lung diseases from X-ray images. Expert Systems With Applications, 2019, 126, 218-232.	4.4	112
14	Analysis of Features of Alzheimer's Disease: Detection of Early Stage from Functional Brain Changes in Magnetic Resonance Images Using a Finetuned ResNet18 Network. Diagnostics, 2021, 11, 1071.	1.3	106
15	Multi-sink distributed power control algorithm for Cyber-physical-systems in coal mine tunnels. Computer Networks, 2019, 161, 210-219.	3.2	105
16	Review on COVID-19 diagnosis models based on machine learning and deep learning approaches. Expert Systems, 2022, 39, e12759.	2.9	105
17	A Novel Method for Detection of Tuberculosis in Chest Radiographs Using Artificial Ecosystem-Based Optimisation of Deep Neural Network Features. Symmetry, 2020, 12, 1146.	1.1	102
18	A framework of human action recognition using length control features fusion and weighted entropy-variances based feature selection. Image and Vision Computing, 2021, 106, 104090.	2.7	97

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19	Relationship between Convenience, Perceived Value, and Repurchase Intention in Online Shopping in Vietnam. Sustainability, 2018, 10, 156.	1.6	95
20	Automated Identification of Wood Veneer Surface Defects Using Faster Region-Based Convolutional Neural Network with Data Augmentation and Transfer Learning. Applied Sciences (Switzerland), 2019, 9, 4898.	1.3	90
21	A Review of Internet of Things Technologies for Ambient Assisted Living Environments. Future Internet, 2019, 11, 259.	2.4	90
22	Anxiety Level Recognition for Virtual Reality Therapy System Using Physiological Signals. Electronics (Switzerland), 2019, 8, 1039.	1.8	86
23	Hybrid Malware Classification Method Using Segmentation-Based Fractal Texture Analysis and Deep Convolution Neural Network Features. Applied Sciences (Switzerland), 2020, 10, 4966.	1.3	86
24	Recognizing apple leaf diseases using a novel parallel real-time processing framework based on MASK RCNN and transfer learning: An application for smart agriculture. IET Image Processing, 2021, 15, 2157-2168.	1.4	84
25	Cassava disease recognition from low-quality images using enhanced data augmentation model and deep learning. Expert Systems, 2021, 38, e12746.	2.9	84
26	A Prototype SSVEP Based Real Time BCI Gaming System. Computational Intelligence and Neuroscience, 2016, 2016, 1-15.	1.1	78
27	AI-Driven Framework for Recognition of Guava Plant Diseases through Machine Learning from DSLR Camera Sensor Based High Resolution Imagery. Sensors, 2021, 21, 3830.	2.1	78
28	An Image Encryption Scheme Based on Block Scrambling, Modified Zigzag Transformation and Key Generation Using Enhanced Logistic Tent Map. Entropy, 2019, 21, 656.	1.1	76
29	Optimized ANFIS Model Using Aquila Optimizer for Oil Production Forecasting. Processes, 2021, 9, 1194.	1.3	75
30	Image-Based Malware Classification Using VGG19 Network and Spatial Convolutional Attention. Electronics (Switzerland), 2021, 10, 2444.	1.8	74
31	Recognition of American Sign Language Gestures in a Virtual Reality Using Leap Motion. Applied Sciences (Switzerland), 2019, 9, 445.	1.3	69
32	LITNET-2020: An Annotated Real-World Network Flow Dataset for Network Intrusion Detection. Electronics (Switzerland), 2020, 9, 800.	1.8	68
33	Detecting cassava mosaic disease using a deep residual convolutional neural network with distinct block processing. PeerJ Computer Science, 2021, 7, e352.	2.7	68
34	From ECG signals to images: a transformation based approach for deep learning. PeerJ Computer Science, 2021, 7, e386.	2.7	67
35	Human Activity Recognition in AAL Environments Using Random Projections. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-17.	0.7	63
36	Fuzzy Logic Type-2 Based Wireless Indoor Localization System for Navigation of Visually Impaired People in Buildings. Sensors, 2019, 19, 2114.	2.1	63

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37	COVID-19 Case Recognition from Chest CT Images by Deep Learning, Entropy-Controlled Firefly Optimization, and Parallel Feature Fusion. <i>Sensors</i> , 2021, 21, 7286.	2.1	63
38	VGG19 Network Assisted Joint Segmentation and Classification of Lung Nodules in CT Images. <i>Diagnostics</i> , 2021, 11, 2208.	1.3	63
39	Botnet Attack Detection Using Local Global Best Bat Algorithm for Industrial Internet of Things. <i>Electronics (Switzerland)</i> , 2021, 10, 1341.	1.8	62
40	Pearson Correlation-Based Feature Selection for Document Classification Using Balanced Training. <i>Sensors</i> , 2020, 20, 6793.	2.1	61
41	Smartphone User Identity Verification Using Gait Characteristics. <i>Symmetry</i> , 2016, 8, 100.	1.1	60
42	Smartphone based intelligent indoor positioning using fuzzy logic. <i>Future Generation Computer Systems</i> , 2018, 89, 335-348.	4.9	60
43	A Novel Approach for Network Intrusion Detection Using Multistage Deep Learning Image Recognition. <i>Electronics (Switzerland)</i> , 2021, 10, 1854.	1.8	60
44	A Review of the Modification Strategies of the Nature Inspired Algorithms for Feature Selection Problem. <i>Mathematics</i> , 2022, 10, 464.	1.1	60
45	An Intelligent System for Early Recognition of Alzheimer's Disease Using Neuroimaging. <i>Sensors</i> , 2022, 22, 740.	2.1	60
46	Artificial Intelligence, Smart Classrooms and Online Education in the 21st Century. <i>Journal of Cases on Information Technology</i> , 2019, 21, 66-79.	0.7	59
47	Dilated Semantic Segmentation for Breast Ultrasonic Lesion Detection Using Parallel Feature Fusion. <i>Diagnostics</i> , 2021, 11, 1212.	1.3	59
48	Fully Convolutional Neural Network with Augmented Atrous Spatial Pyramid Pool and Fully Connected Fusion Path for High Resolution Remote Sensing Image Segmentation. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1816.	1.3	58
49	Adversarial Attack and Defence through Adversarial Training and Feature Fusion for Diabetic Retinopathy Recognition. <i>Sensors</i> , 2021, 21, 3922.	2.1	57
50	A novel framework for rapid diagnosis of COVID-19 on computed tomography scans. <i>Pattern Analysis and Applications</i> , 2021, 24, 951-964.	3.1	57
51	Recommendation Based on Review Texts and Social Communities: A Hybrid Model. <i>IEEE Access</i> , 2019, 7, 40416-40427.	2.6	56
52	Ensemble-Based Classification Using Neural Networks and Machine Learning Models for Windows PE Malware Detection. <i>Electronics (Switzerland)</i> , 2021, 10, 485.	1.8	56
53	Multi-threaded learning control mechanism for neural networks. <i>Future Generation Computer Systems</i> , 2018, 87, 16-34.	4.9	55
54	Hybrid microgrid for microfinance institutions in rural areas – A field demonstration in West Africa. <i>Sustainable Energy Technologies and Assessments</i> , 2019, 35, 89-97.	1.7	55

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55	Adaptive Independent Subspace Analysis of Brain Magnetic Resonance Imaging Data. IEEE Access, 2019, 7, 12252-12261.	2.6	55
56	Eight Element Side Edged Framed MIMO Antenna Array for Future 5G Smart Phones. Micromachines, 2020, 11, 956.	1.4	55
57	Artificial intelligence-based solution for sorting COVID related medical waste streams and supporting data-driven decisions for smart circular economy practice. Chemical Engineering Research and Design, 2021, 152, 482-494.	2.7	55
58	Risk Assessment of Hypertension in Steel Workers Based on LVQ and Fisher-SVM Deep Excavation. IEEE Access, 2019, 7, 23109-23119.	2.6	54
59	Systematic Review of Computing Approaches for Breast Cancer Detection Based Computer Aided Diagnosis Using Mammogram Images. Applied Artificial Intelligence, 2021, 35, 2157-2203.	2.0	52
60	TTCNN: A Breast Cancer Detection and Classification towards Computer-Aided Diagnosis Using Digital Mammography in Early Stages. Applied Sciences (Switzerland), 2022, 12, 3273.	1.3	52
61	An Efficient Mixture Model Approach in Brain-Machine Interface Systems for Extracting the Psychological Status of Mentally Impaired Persons Using EEG Signals. IEEE Access, 2019, 7, 77905-77914.	2.6	51
62	Malignant skin melanoma detection using image augmentation by oversampling in nonlinear lower-dimensional embedding manifold. Turkish Journal of Electrical Engineering and Computer Sciences, 2021, 29, 2600-2614.	0.9	51
63	Multiple Kinect based system to monitor and analyze key performance indicators of physical training. Human-centric Computing and Information Sciences, 2020, 10, .	6.1	50
64	Detection of sitting posture using hierarchical image composition and deep learning. PeerJ Computer Science, 2021, 7, e442.	2.7	49
65	Removal of Movement Artefact for Mobile EEG Analysis in Sports Exercises. IEEE Access, 2019, 7, 7206-7217.	2.6	48
66	Smart irrigation system for environmental sustainability in Africa: An Internet of Everything (IoE) approach. Mathematical Biosciences and Engineering, 2019, 16, 5490-5503.	1.0	48
67	A Modified Grey Wolf Optimization Algorithm for an Intrusion Detection System. Mathematics, 2022, 10, 999.	1.1	48
68	Medical Internet-of-Things Based Breast Cancer Diagnosis Using Hyperparameter-Optimized Neural Networks. Future Internet, 2022, 14, 153.	2.4	48
69	Combining Cryptography with EEG Biometrics. Computational Intelligence and Neuroscience, 2018, 2018, 1-11.	1.1	47
70	Windows PE Malware Detection Using Ensemble Learning. Informatics, 2021, 8, 10.	2.4	47
71	Detection of diabetic retinopathy using a fusion of textural and ridgelet features of retinal images and sequential minimal optimization classifier. PeerJ Computer Science, 2021, 7, e456.	2.7	47
72	A Multi-Agent Deep Reinforcement Learning Approach for Enhancement of COVID-19 CT Image Segmentation. Journal of Personalized Medicine, 2022, 12, 309.	1.1	47

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73	Threat Analysis and Distributed Denial of Service (DDoS) Attack Recognition in the Internet of Things (IoT). Electronics (Switzerland), 2022, 11, 494.	1.8	46
74	Breast Cancer Detection Using Mammogram Images with Improved Multi-Fractal Dimension Approach and Feature Fusion. Applied Sciences (Switzerland), 2021, 11, 12122.	1.3	46
75	A Suite of Object Oriented Cognitive Complexity Metrics. IEEE Access, 2018, 6, 8782-8796.	2.6	44
76	Hemorrhage Detection Based on 3D CNN Deep Learning Framework and Feature Fusion for Evaluating Retinal Abnormality in Diabetic Patients. Sensors, 2021, 21, 3865.	2.1	44
77	A Self-Activated CNN Approach for Multi-Class Chest-Related COVID-19 Detection. Applied Sciences (Switzerland), 2021, 11, 9023.	1.3	44
78	CSID: A Novel Multimodal Image Fusion Algorithm for Enhanced Clinical Diagnosis. Diagnostics, 2020, 10, 904.	1.3	43
79	Android Malware Detection: A Survey. Communications in Computer and Information Science, 2018, , 255-266.	0.4	42
80	A Novel Hybrid Gradient-Based Optimizer and Grey Wolf Optimizer Feature Selection Method for Human Activity Recognition Using Smartphone Sensors. Entropy, 2021, 23, 1065.	1.1	41
81	Gamification Patterns for Gamification Applications. Procedia Computer Science, 2014, 39, 83-90.	1.2	39
82	Automated Epileptic Seizure Detection in Pediatric Subjects of CHB-MIT EEG Database – A Survey. Journal of Personalized Medicine, 2021, 11, 1028.	1.1	39
83	HEMIGEN: Human Embryo Image Generator Based on Generative Adversarial Networks. Sensors, 2019, 19, 3578.	2.1	38
84	Text Messaging-Based Medical Diagnosis Using Natural Language Processing and Fuzzy Logic. Journal of Healthcare Engineering, 2020, 2020, 1-14.	1.1	38
85	Overview of current state of research on the application of artificial intelligence techniques for COVID-19. PeerJ Computer Science, 2021, 7, e564.	2.7	38
86	Sentiment Analysis of Lithuanian Texts Using Traditional and Deep Learning Approaches. Computers, 2019, 8, 4.	2.1	37
87	A Smartphone Application for Automated Decision Support in Cognitive Task Based Evaluation of Central Nervous System Motor Disorders. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1865-1876.	3.9	37
88	Detection of Speech Impairments Using Cepstrum, Auditory Spectrogram and Wavelet Time Scattering Domain Features. IEEE Access, 2020, 8, 96162-96172.	2.6	37
89	Smart Home Battery for the Multi-Objective Power Scheduling Problem in a Smart Home Using Grey Wolf Optimizer. Electronics (Switzerland), 2021, 10, 447.	1.8	37
90	Identifying phishing attacks in communication networks using URL consistency features. International Journal of Electronic Security and Digital Forensics, 2020, 12, 200.	0.1	35

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91	Optimizing Green Computing Awareness for Environmental Sustainability and Economic Security as a Stochastic Optimization Problem. Sustainability, 2017, 9, 1857.	1.6	34
92	Recognition of basketball referee signals from videos using Histogram of Oriented Gradients (HOG) and Support Vector Machine (SVM). Procedia Computer Science, 2018, 130, 953-960.	1.2	34
93	Embryo development stage prediction algorithm for automated time lapse incubators. Computer Methods and Programs in Biomedicine, 2019, 177, 161-174.	2.6	34
94	An Efficient Approach for the Detection of Brain Tumor Using Fuzzy Logic and UNET CNN Classification. Lecture Notes in Computer Science, 2021, , 105-118.	1.0	34
95	Artificial Neural Networks for Educational Data Mining in Higher Education: A Systematic Literature Review. Applied Artificial Intelligence, 2021, 35, 983-1021.	2.0	34
96	Meta-Programming and Model-Driven Meta-Program Development. Advanced Information and Knowledge Processing, 2013, , .	0.2	33
97	Large Scale Community Detection Using a Small World Model. Applied Sciences (Switzerland), 2017, 7, 1173.	1.3	33
98	ANN and Fuzzy Logic Based Model to Evaluate Huntington Disease Symptoms. Journal of Healthcare Engineering, 2018, 2018, 1-10.	1.1	33
99	Network Intrusion Detection with a Hashing Based Apriori Algorithm Using Hadoop MapReduce. Computers, 2019, 8, 86.	2.1	33
100	Adoption of mobile applications for teaching-learning process in rural girls' schools in India: an empirical study. Education and Information Technologies, 2020, 25, 4057-4076.	3.5	33
101	Local Pattern Transformation Based Feature Extraction for Recognition of Parkinson's Disease Based on Gait Signals. Diagnostics, 2021, 11, 1395.	1.3	33
102	Arabic Offensive and Hate Speech Detection Using a Cross-Corpora Multi-Task Learning Model. Informatics, 2021, 8, 69.	2.4	33
103	A Novel Data Augmentation Convolutional Neural Network for Detecting Malaria Parasite in Blood Smear Images. Applied Artificial Intelligence, 2022, 36, .	2.0	33
104	Multi-Level Features Extraction for Discontinuous Target Tracking in Remote Sensing Image Monitoring. Sensors, 2019, 19, 4855.	2.1	32
105	Ensemble machine learning approaches for webshell detection in Internet of things environments. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4085.	2.6	32
106	A Reversible Watermarking System for Medical Color Images: Balancing Capacity, Imperceptibility, and Robustness. Electronics (Switzerland), 2021, 10, 1024.	1.8	32
107	Automated segmentation of leukocyte from hematological images—a study using various CNN schemes. Journal of Supercomputing, 2022, 78, 6974-6994.	2.4	32
108	Melanoma segmentation: A framework of improved DenseNet77 and UNET convolutional neural network. International Journal of Imaging Systems and Technology, 2022, 32, 2137-2153.	2.7	32

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109	IMF mode demixing in EMD for jitter analysis. <i>Journal of Computational Science</i> , 2017, 22, 240-252.	1.5	31
110	Assessing Facial Symmetry and Attractiveness using Augmented Reality. <i>Pattern Analysis and Applications</i> , 2022, 25, 635-651.	3.1	31
111	Software Code Smell Prediction Model Using Shannon, Rényi and Tsallis Entropies. <i>Entropy</i> , 2018, 20, 372.	1.1	30
112	Effect of COVID-19 outbreak on urban health and environment. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 389-397.	1.5	30
113	Human gait analysis for osteoarthritis prediction: a framework of deep learning and kernel extreme learning machine. <i>Complex & Intelligent Systems</i> , 2023, 9, 2665-2683.	4.0	30
114	Fast DCT algorithms for EEG data compression in embedded systems. <i>Computer Science and Information Systems</i> , 2015, 12, 49-62.	0.7	30
115	EEG Dataset Reduction and Feature Extraction Using Discrete Cosine Transform. , 2012, , .		29
116	Distributed Centrality Analysis of Social Network Data Using MapReduce. <i>Algorithms</i> , 2019, 12, 161.	1.2	29
117	A Mobile Application for Smart Computer-Aided Self-Administered Testing of Cognition, Speech, and Motor Impairment. <i>Sensors</i> , 2020, 20, 3236.	2.1	29
118	Recognition of basketball referee signals from real-time videos. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 979-991.	3.3	28
119	Secure ear biometrics using circular kernel principal component analysis, Chebyshev transform hashing and Bose-Chaudhuri-Hocquenghem error-correcting codes. <i>Signal, Image and Video Processing</i> , 2020, 14, 847-855.	1.7	28
120	Real-time neural network based predictor for cov19 virus spread. <i>PLoS ONE</i> , 2020, 15, e0243189.	1.1	28
121	Deep learning based fall detection using smartwatches for healthcare applications. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103242.	3.5	28
122	Optimization of SVM parameters for recognition of regulatory DNA sequences. <i>Top</i> , 2010, 18, 339-353.	1.1	27
123	Modelling of Internet of Things units for estimating security-energy-performance relationships for quality of service and environment awareness. <i>Security and Communication Networks</i> , 2016, 9, 3324-3339.	1.0	27
124	NAS-HRIS: Automatic Design and Architecture Search of Neural Network for Semantic Segmentation in Remote Sensing Images. <i>Sensors</i> , 2020, 20, 5292.	2.1	27
125	Modified Harris Hawks Optimizer for Solving Machine Scheduling Problems. <i>Symmetry</i> , 2020, 12, 1460.	1.1	27
126	Design and Evaluation of Anthropomorphic Robotic Hand for Object Grasping and Shape Recognition. <i>Computers</i> , 2021, 10, 1.	2.1	27

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127	Structural analysis of regulatory DNA sequences using grammar inference and Support Vector Machine. <i>Neurocomputing</i> , 2010, 73, 633-638.	3.5	26
128	Quantitative Quality Evaluation of Software Products by Considering Summary and Comments Entropy of a Reported Bug. <i>Entropy</i> , 2019, 21, 91.	1.1	26
129	Multi-Layered Deep Learning Features Fusion for Human Action Recognition. <i>Computers, Materials and Continua</i> , 2021, 69, 4061-4075.	1.5	26
130	Breast-Cancer Detection using Thermal Images with Marine-Predators-Algorithm Selected Features. , 2021, , .		26
131	Safety Risk Assessment of a Pb-Zn Mine Based on Fuzzy-Grey Correlation Analysis. <i>Electronics (Switzerland)</i> , 2020, 9, 130.	1.8	25
132	An Interactive Serious Mobile Game for Supporting the Learning of Programming in JavaScript in the Context of Eco-Friendly City Management. <i>Computers</i> , 2020, 9, 102.	2.1	25
133	Acoustic Anomaly Detection of Mechanical Failures in Noisy Real-Life Factory Environments. <i>Electronics (Switzerland)</i> , 2021, 10, 2329.	1.8	25
134	eHealth Solutions for the Integrated Healthcare. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-3.	1.1	24
135	Serious Game iDO: Towards Better Education in Dementia Care. <i>Information (Switzerland)</i> , 2019, 10, 355.	1.7	24
136	An Enhanced Evolutionary Software Defect Prediction Method Using Island Moth Flame Optimization. <i>Mathematics</i> , 2021, 9, 1722.	1.1	24
137	Parallel Technique for the Metaheuristic Algorithms Using Devoted Local Search and Manipulating the Solutions Space. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 293.	1.3	23
138	Deep Learning Based Evaluation of Spermatozoid Motility for Artificial Insemination. <i>Sensors</i> , 2021, 21, 72.	2.1	23
139	Harris Hawks Sparse Auto-Encoder Networks for Automatic Speech Recognition System. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1091.	1.3	23
140	Human Activity Recognition Based on Embedded Sensor Data Fusion for the Internet of Healthcare Things. <i>Healthcare (Switzerland)</i> , 2022, 10, 1084.	1.0	23
141	Bio-inspired voice evaluation mechanism. <i>Applied Soft Computing Journal</i> , 2019, 80, 342-357.	4.1	22
142	Prediction of Streamflow Based on Dynamic Sliding Window LSTM. <i>Water (Switzerland)</i> , 2020, 12, 3032.	1.2	22
143	Prediction of Meander Delay System Parameters for Internet-of-Things Devices Using Pareto-Optimal Artificial Neural Network and Multiple Linear Regression. <i>IEEE Access</i> , 2020, 8, 39525-39535.	2.6	22
144	A quantization assisted U-Net study with ICA and deep features fusion for breast cancer identification using ultrasonic data. <i>PeerJ Computer Science</i> , 2021, 7, e805.	2.7	22

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145	Educational robots as collaborative learning objects for teaching Computer Science. , 2013, , .		21
146	Chest radiographs segmentation by the use of nature-inspired algorithm for lung disease detection. , 2018, , .		21
147	A Lightweight Protocol for Secure Video Streaming. Sensors, 2018, 18, 1554.	2.1	21
148	Extraction of Abnormal Skin Lesion from Dermoscopy Image using VGG-SegNet. , 2021, , .		21
149	Characteristics of Domain Ontologies for Web Based Learning and their Application for Quality Evaluation. Informatics in Education, 2009, 8, 131-152.	1.8	21
150	Application of design patterns for hardware design. , 2003, , .		20
151	Steganogram removal using multidirectional diffusion in fourier domain while preserving perceptual image quality. Pattern Recognition Letters, 2021, 147, 197-205.	2.6	20
152	The Image Classification with Different Types of Image Features. Lecture Notes in Computer Science, 2017, , 497-506.	1.0	20
153	Teaching of Computer Science Topics Using Meta-Programming-Based GLOs and LEGO Robots. Informatics in Education, 2013, 12, 125-142.	1.8	20
154	BiLSTM with Data Augmentation using Interpolation Methods to Improve Early Detection of Parkinson Disease. , 0, , .		20
155	Design of Fully Automatic Drone Parachute System with Temperature Compensation Mechanism for Civilian and Military Applications. Journal of Advanced Transportation, 2018, 2018, 1-11.	0.9	19
156	An Automated Recognition of Work Activity in Industrial Manufacturing Using Convolutional Neural Networks. Electronics (Switzerland), 2021, 10, 2946.	1.8	19
157	An Optimized Decision Support Model for COVID-19 Diagnostics Based on Complex Fuzzy Hypersoft Mapping. Mathematics, 2022, 10, 2472.	1.1	19
158	Metaprogramming Techniques for Designing Embedded Components for Ambient Intelligence. , 2003, , 229-250.		18
159	An Edge-Fog Secure Self-Authenticable Data Transfer Protocol. Sensors, 2019, 19, 3612.	2.1	18
160	Reconstruction of 3D Object Shape Using Hybrid Modular Neural Network Architecture Trained on 3D Models from ShapeNetCore Dataset. Sensors, 2019, 19, 1553.	2.1	18
161	Multi-focusing algorithm for microscopy imagery in assembly line using low-cost camera. International Journal of Advanced Manufacturing Technology, 2019, 102, 3217-3227.	1.5	18
162	Few-Shot Learning with a Novel Voronoi Tessellation-Based Image Augmentation Method for Facial Palsy Detection. Electronics (Switzerland), 2021, 10, 978.	1.8	18

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163	Energy Consumption of Hash Functions. Elektronika Ir Elektrotechnika, 2012, 18, .	0.4	18
164	Deep Learning and Kurtosis-Controlled, Entropy-Based Framework for Human Gait Recognition Using Video Sequences. Electronics (Switzerland), 2022, 11, 334.	1.8	18
165	An Ensemble Learning Model for COVID-19 Detection from Blood Test Samples. Sensors, 2022, 22, 2224.	2.1	18
166	Change Impact Analysis of Feature Models. Communications in Computer and Information Science, 2012, , 108-122.	0.4	17
167	A hybrid tactile sensor-based obstacle overcoming method for hexapod walking robots. Intelligent Service Robotics, 2021, 14, 9-24.	1.6	17
168	Deep Convolutional Neural Network-Based Visual Stimuli Classification Using Electroencephalography Signals of Healthy and Alzheimer's Disease Subjects. Life, 2022, 12, 374.	1.1	17
169	A Review on Federated Learning and Machine Learning Approaches: Categorization, Application Areas, and Blockchain Technology. Information (Switzerland), 2022, 13, 263.	1.7	17
170	A Neural Network Based Expert System for the Diagnosis of Diabetes Mellitus. Advances in Intelligent Systems and Computing, 2018, , 14-22.	0.5	16
171	Quality Control of the Continuous Hot Pressing Process of Medium Density Fiberboard Using Fuzzy Failure Mode and Effects Analysis. Applied Sciences (Switzerland), 2020, 10, 4627.	1.3	16
172	Real-Time Video Stitching for Mine Surveillance Using a Hybrid Image Registration Method. Electronics (Switzerland), 2020, 9, 1336.	1.8	16
173	Hexapod Robot Gait Switching for Energy Consumption and Cost of Transport Management Using Heuristic Algorithms. Applied Sciences (Switzerland), 2021, 11, 1339.	1.3	16
174	Extraction of Tumour in Breast MRI using Joint Thresholding and Segmentation " A Study. , 2021, , .		16
175	Introducing Sustainable Development Topics into Computer Science Education: Design and Evaluation of the Eco JSity Game. Sustainability, 2021, 13, 4244.	1.6	16
176	Deep Fake Recognition in Tweets Using Text Augmentation, Word Embeddings and Deep Learning. Lecture Notes in Computer Science, 2021, , 523-538.	1.0	16
177	Educational Robots for Internet-of-Things Supported Collaborative Learning. Communications in Computer and Information Science, 2014, , 346-358.	0.4	16
178	Development of Generative Learning Objects Using Feature Diagrams and Generative Techniques. Informatics in Education, 2008, 7, 277-288.	1.8	16
179	Cloudification of Virtual Reality Gliding Simulation Game. Information (Switzerland), 2018, 9, 293.	1.7	15
180	Recognition of human daytime fatigue using keystroke data. Procedia Computer Science, 2018, 130, 947-952.	1.2	15

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181	Wearable system for real-time monitoring of hemodynamic parameters: Implementation and evaluation. <i>Biomedical Signal Processing and Control</i> , 2020, 59, 101873.	3.5	15
182	3D Object Reconstruction from Imperfect Depth Data Using Extended YOLOv3 Network. <i>Sensors</i> , 2020, 20, 2025.	2.1	15
183	Machine-Learning-Scheme to Detect Choroidal-Neovascularization in Retinal OCT Image. , 2021, , .		15
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