Robertas Damasevicius

List of Publications by Year in Descending Order

384 papers	4,724 citations	32 h-index	47 g-index
415 ext. papers	7,283 ext. citations	2.1 avg, IF	6.85 L-index

#	Paper	IF	Citations
384	Harris Hawks Sparse Auto-Encoder Networks for Automatic Speech Recognition System. *Applied Sciences (Switzerland)*, **2022**, 12, 1091	2.6	3
383	Breast Cancer Classification from Ultrasound Images Using Probability-Based Optimal Deep Learning Feature Fusion.. *Sensors*, **2022**, 22,	3.8	22
382	Tracking of a Fixed-Shape Moving Object Based on the Gradient Descent Method.. *Sensors*, **2022**, 22,	3.8	4
381	A Review of the Modification Strategies of the Nature Inspired Algorithms for Feature Selection Problem. *Mathematics*, **2022**, 10, 464	2.3	9
380	Usability and Security Testing of Online Links: A Framework for Click-Through Rate Prediction Using Deep Learning. *Electronics (Switzerland)*, **2022**, 11, 400	2.6	0
379	Deep Learning and Kurtosis-Controlled, Entropy-Based Framework for Human Gait Recognition Using Video Sequences. *Electronics (Switzerland)*, **2022**, 11, 334	2.6	3
378	A Modified Coronavirus Herd Immunity Optimizer for the Power Scheduling Problem. *Mathematics*, **2022**, 10, 315	2.3	0
377	An Intelligent System for Early Recognition of Alzheimer's Disease Using Neuroimaging.. *Sensors*, **2022**, 22,	3.8	5
376	Affective Computing for eHealth Using Low-Cost Remote Internet of Things-Based EMG Platform. *Internet of Things*, **2022**, 67-81	1.3	1
375	Threat Analysis and Distributed Denial of Service (DDoS) Attack Recognition in the Internet of Things (IoT). *Electronics (Switzerland)*, **2022**, 11, 494	2.6	6
374	Comprehensive Review of Machine Learning (ML) in Image Defogging: Taxonomy of Concepts, Scenes, Feature Extraction, and Classification techniques. *IET Image Processing*, **2022**, 16, 289	1.7	2
373	A Decentralized Renewable Microgrid: An Energy on Demand Approach. *Advances in Intelligent Systems and Computing*, **2022**, 835-849	0.4	
372	Deep learning based fall detection using smartwatches for healthcare applications. *Biomedical Signal Processing and Control*, **2022**, 71, 103242	4.9	6
371	Smartphones Verification and Identification by the Use of Fingerprint. *Lecture Notes in Networks and Systems*, **2022**, 365-373	0.5	1
370	Curbing Criminal Acts on Mobile Phone Network. *Lecture Notes on Data Engineering and Communications Technologies*, **2022**, 99-111	0.4	
369	An Efficient Blockchain-Based IoT System Using Improved KNN Machine Learning Classifier. *Lecture Notes on Data Engineering and Communications Technologies*, **2022**, 171-180	0.4	1
368	ResD Hybrid Model Based on Resnet18 and Densenet121 for Early Alzheimer Disease Classification. *Lecture Notes in Networks and Systems*, **2022**, 296-305	0.5	3

367	A Dynamic Rain Detecting Car Wiper. *Lecture Notes in Networks and Systems*, **2022**, 1375-1383	0.5	
366	A Multi-Agent Deep Reinforcement Learning Approach for Enhancement of COVID-19 CT Image Segmentation.. *Journal of Personalized Medicine*, **2022**, 12,	3.6	5
365	TTCNN: A Breast Cancer Detection and Classification towards Computer-Aided Diagnosis Using Digital Mammography in Early Stages. *Applied Sciences (Switzerland)*, **2022**, 12, 3273	2.6	8
364	A Modified Grey Wolf Optimization Algorithm for an Intrusion Detection System. *Mathematics*, **2022**, 10, 999	2.3	8
363	Markerless Dog Pose Recognition in the Wild Using ResNet Deep Learning Model. *Computers*, **2022**, 11, 2	1.9	3
362	A Web Application Vulnerability Testing System. *Lecture Notes in Electrical Engineering*, **2022**, 741-751	0.2	
361	Using Keytyping as a Biomarker for Cognitive Decline Diagnostics: The Convolutional Neural Network Based Approach. *Communications in Computer and Information Science*, **2022**, 367-381	0.3	0
360	Evaluation of MyRelief Serious Game for Better Self-Management of Health Behaviour Strategies on Chronic Low-Back Pain. *Informatics*, **2022**, 9, 40	2.2	0
359	Reply to Nicholas et al. Using a ResNet-18 Network to Detect Features of Alzheimer Disease on Functional Magnetic Resonance Imaging: A Failed Replication. Comment on Odusami et al. Analysis of Features of Alzheimer Disease: Detection of Early Stage from Functional Brain Changes in Magnetic Resonance Images Using a Finetuned ResNet18 Network. Diagnostics 2021,	3.8	
358	Lightweight Deep Learning Model for Assessment of Substitution Voicing and Speech after Laryngeal Carcinoma Surgery. *Cancers*, **2022**, 14, 2366	6.6	0
357	Internet of Things and Big Data Analytics for Smart Healthcare **2022**, 147-165		
356	Computer-Aided Depth Video Stream Masking Framework for Human Body Segmentation in Depth Sensor Images.. *Sensors*, **2022**, 22,	3.8	3
355	Medical Internet-of-Things Based Breast Cancer Diagnosis Using Hyperparameter-Optimized Neural Networks. *Future Internet*, **2022**, 14, 153	3.3	4
354	Detection of Mechanical Failures in Industrial Machines Using Overlapping Acoustic Anomalies: A Systematic Literature Review. *Sensors*, **2022**, 22, 3888	3.8	2
353	A Review on Federated Learning and Machine Learning Approaches: Categorization, Application Areas, and Blockchain Technology. *Information (Switzerland)*, **2022**, 13, 263	2.6	1
352	Agent State Flipping Based Hybridization of Heuristic Optimization Algorithms: A Case of Bat Algorithm and Krill Herd Hybrid Algorithm. *Algorithms*, **2021**, 14, 358	1.8	2
351	Pose Estimation of Driver Head Panning Based on Interpolation and Motion Vectors under a Boosting Framework. *Applied Sciences (Switzerland)*, **2021**, 11, 11600	2.6	7
350	A quantization assisted U-Net study with ICA and deep features fusion for breast cancer identification using ultrasonic data.. *PeerJ Computer Science*, **2021**, 7, e805	2.7	6

349	Adversarial 3D Human Pointcloud Completion from Limited Angle Depth Data. *IEEE Sensors Journal* , **2021**, 1-1	4	4
348	VGG19 Network Assisted Joint Segmentation and Classification of Lung Nodules in CT Images.. *Diagnostics*, **2021**, 11,	3.8	14
347	Cloud-Based Business Process Security Risk Management: A Systematic Review, Taxonomy, and Future Directions. *Computers*, **2021**, 10, 160	1.9	1
346	Ontologies in Cloud Computing Review and Future Directions. *Future Internet*, **2021**, 13, 302	3.3	1
345	An Automated Recognition of Work Activity in Industrial Manufacturing Using Convolutional Neural Networks. *Electronics (Switzerland)*, **2021**, 10, 2946	2.6	2
344	Optimizing Prediction of YouTube Video Popularity Using XGBoost. *Electronics (Switzerland)*, **2021**, 10, 2962	2.6	1
343	Robotics Vehicle System Using Simple Hand Gesture. *Advances in Intelligent Systems and Computing*, **2021**, 169-181	0.4	
342	Design and Evaluation of Anthropomorphic Robotic Hand for Object Grasping and Shape Recognition. *Computers*, **2021**, 10, 1	1.9	9
341	Multimodal Image Fusion Method Based on Multiscale Image Matting. *Lecture Notes in Computer Science*, **2021**, 57-68	0.9	0
340	Architecture Monitoring and Reliability Estimation Based on DIP Technology. *Lecture Notes in Computer Science*, **2021**, 25-35	0.9	
339	Decision Making Support System for Managing Advertisers By Ad Fraud Detection. *Journal of Artificial Intelligence and Soft Computing Research*, **2021**, 11, 331-339	5.1	5
338	Automated Epileptic Seizure Detection in Pediatric Subjects of CHB-MIT EEG Database-A Survey. *Journal of Personalized Medicine*, **2021**, 11,	3.6	7
337	Artificial Neural Networks for Educational Data Mining in Higher Education: A Systematic Literature Review. *Applied Artificial Intelligence*, **2021**, 35, 983-1021	2.3	4
336	Arabic Offensive and Hate Speech Detection Using a Cross-Corpora Multi-Task Learning Model. *Informatics*, **2021**, 8, 69	2.2	6
335	Image-Based Malware Classification Using VGG19 Network and Spatial Convolutional Attention. *Electronics (Switzerland)*, **2021**, 10, 2444	2.6	20
334	Automating the Process of Faculty Evaluation in a Private Higher Institution. *Advances in Intelligent Systems and Computing*, **2021**, 582-591	0.4	
333	COVID-19 Case Recognition from Chest CT Images by Deep Learning, Entropy-Controlled Firefly Optimization, and Parallel Feature Fusion. *Sensors*, **2021**, 21,	3.8	21
332	The Role of ICTs in Sex Education: The Need for a SexEd App. *Advances in Intelligent Systems and Computing*, **2021**, 343-351	0.4	1

331	A Web Based System for the Discovery of Blood Banks and Donors in Emergencies. *Advances in Intelligent Systems and Computing*, **2021**, 592-600	0.4	2
330	Automated Detection of Schizophrenia from Brain MRI Slices using Optimized Deep-Features **2021**,		5
329	Detecting cassava mosaic disease using a deep residual convolutional neural network with distinct block processing. *PeerJ Computer Science*, **2021**, 7, e352	2.7	28
328	Detection of sitting posture using hierarchical image composition and deep learning. *PeerJ Computer Science*, **2021**, 7, e442	2.7	22
327	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	1.7	28
326	**2021**,		6
325	An Efficient DenseNet-Based Deep Learning Model for Malware Detection. *Entropy*, **2021**, 23,	2.8	35
324	Extraction of Tumour in Breast MRI using Joint Thresholding and Segmentation 🗆A Study **2021**,		7
323	U-Net Supported Segmentation of Ischemic-Stroke-Lesion from Brain MRI Slices **2021**,		6
322	Introducing Sustainable Development Topics into Computer Science Education: Design and Evaluation of the Eco JSity Game. *Sustainability*, **2021**, 13, 4244	3.6	4
321	Neural network hyperparameter optimization for prediction of real estate prices in Helsinki. *PeerJ Computer Science*, **2021**, 7, e444	2.7	3
320	A Reversible Watermarking System for Medical Color Images: Balancing Capacity, Imperceptibility, and Robustness. *Electronics (Switzerland)*, **2021**, 10, 1024	2.6	14
319	Skin Lesion Segmentation and Multiclass Classification Using Deep Learning Features and Improved Moth Flame Optimization. *Diagnostics*, **2021**, 11,	3.8	49
318	Few-Shot Learning with a Novel Voronoi Tessellation-Based Image Augmentation Method for Facial Palsy Detection. *Electronics (Switzerland)*, **2021**, 10, 978	2.6	7
317	Steganogram removal using multidirectional diffusion in fourier domain while preserving perceptual image quality. *Pattern Recognition Letters*, **2021**, 147, 197-197	4.7	2
316	Overview of current state of research on the application of artificial intelligence techniques for COVID-19. *PeerJ Computer Science*, **2021**, 7, e564	2.7	22
315	Auto-Refining Reconstruction Algorithm for Recreation of Limited Angle Humanoid Depth Data. *Sensors*, **2021**, 21,	3.8	4
314	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	22

#	Publication		
313	Real-Time Hand Gesture Recognition Based on Deep Learning YOLOv3 Model. *Applied Sciences (Switzerland)*, **2021**, 11, 4164	2.6	39
312	Hemorrhage Detection Based on 3D CNN Deep Learning Framework and Feature Fusion for Evaluating Retinal Abnormality in Diabetic Patients. *Sensors*, **2021**, 21,	3.8	16
311	HUMANNET-A Two-Tiered Deep Neural Network Architecture for Self-Occluding Humanoid Pose Reconstruction. *Sensors*, **2021**, 21,	3.8	5
310	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,	3.8	31
309	Botnet Attack Detection Using Local Global Best Bat Algorithm for Industrial Internet of Things. *Electronics (Switzerland)*, **2021**, 10, 1341	2.6	21
308	Cassava disease recognition from low-quality images using enhanced data augmentation model and deep learning. *Expert Systems*, **2021**, 38, e12746	2.1	21
307	AI-Driven Framework for Recognition of Guava Plant Diseases through Machine Learning from DSLR Camera Sensor Based High Resolution Imagery. *Sensors*, **2021**, 21,	3.8	22
306	Adversarial Attack and Defence through Adversarial Training and Feature Fusion for Diabetic Retinopathy Recognition. *Sensors*, **2021**, 21,	3.8	22
305	Dilated Semantic Segmentation for Breast Ultrasonic Lesion Detection Using Parallel Feature Fusion. *Diagnostics*, **2021**, 11,	3.8	23
304	Review on COVID-19 diagnosis models based on machine learning and deep learning approaches. *Expert Systems*, **2021**, e12759	2.1	20
303	A hybrid tactile sensor-based obstacle overcoming method for hexapod walking robots. *Intelligent Service Robotics*, **2021**, 14, 9-24	2.6	7
302	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	3.7	44
301	An Efficient Approach for the Detection of Brain Tumor Using Fuzzy Logic and U-NET CNN Classification. *Lecture Notes in Computer Science*, **2021**, 105-118	0.9	10
300	Internet of Things: Applications, Adoptions and Components - A Conceptual Overview. *Advances in Intelligent Systems and Computing*, **2021**, 494-504	0.4	2
299	Validation of Student Psychological Player Types for Game-Based Learning in University Math Lectures. *Communications in Computer and Information Science*, **2021**, 245-258	0.3	
298	Exercise Abnormality Detection Using BlazePose Skeleton Reconstruction. *Lecture Notes in Computer Science*, **2021**, 90-104	0.9	0
297	Multi-Layered Deep Learning Features Fusion for Human Action Recognition. *Computers, Materials and Continua*, **2021**, 69, 4061-4075	3.9	10
296	Multi-class Model MOV-OVR for Automatic Evaluation of Tremor Disorders in Huntington's Disease. *Communications in Computer and Information Science*, **2021**, 3-14	0.3	1

295	Comparable Study of Pre-trained Model on Alzheimer Disease Classification. *Lecture Notes in Computer Science*, **2021**, 63-74	0.9	7
294	Windows PE Malware Detection Using Ensemble Learning. *Informatics*, **2021**, 8, 10	2.2	17
293	Cloud Computing-Based Framework for Breast Cancer Diagnosis Using Extreme Learning Machine. *Diagnostics*, **2021**, 11,	3.8	44
292	Hexapod Robot Gait Switching for Energy Consumption and Cost of Transport Management Using Heuristic Algorithms. *Applied Sciences (Switzerland)*, **2021**, 11, 1339	2.6	5
291	Ensemble-Based Classification Using Neural Networks and Machine Learning Models for Windows PE Malware Detection. *Electronics (Switzerland)*, **2021**, 10, 485	2.6	23
290	Smart Home Battery for the Multi-Objective Power Scheduling Problem in a Smart Home Using Grey Wolf Optimizer. *Electronics (Switzerland)*, **2021**, 10, 447	2.6	18
289	From ECG signals to images: a transformation based approach for deep learning. *PeerJ Computer Science*, **2021**, 7, e386	2.7	22
288	Extraction of Abnormal Skin Lesion from Dermoscopy Image using VGG-SegNet **2021**,		7
287	**2021**,		10
286	Sitsen: Passive sitting posture sensing based on wireless devices. *International Journal of Distributed Sensor Networks*, **2021**, 17, 155014772110248	1.7	5
285	Optimized ANFIS Model Using Aquila Optimizer for Oil Production Forecasting. *Processes*, **2021**, 9, 1194	2.9	22
284	Machine Learning and Deep Learning Methods for Skin Lesion Classification and Diagnosis: A Systematic Review. *Diagnostics*, **2021**, 11,	3.8	25
283	An Enhanced Evolutionary Software Defect Prediction Method Using Island Moth Flame Optimization. *Mathematics*, **2021**, 9, 1722	2.3	9
282	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	5.5	14
281	A Novel Hybrid Gradient-Based Optimizer and Grey Wolf Optimizer Feature Selection Method for Human Activity Recognition Using Smartphone Sensors. *Entropy*, **2021**, 23,	2.8	15
280	A Novel Approach for Network Intrusion Detection Using Multistage Deep Learning Image Recognition. *Electronics (Switzerland)*, **2021**, 10, 1854	2.6	18
279	Fusion of smartphone sensor data for classification of daily user activities. *Multimedia Tools and Applications*, **2021**, 80, 33527	2.5	6
278	Local Pattern Transformation Based Feature Extraction for Recognition of Parkinson's Disease Based on Gait Signals. *Diagnostics*, **2021**, 11,	3.8	11

277	Acoustic Anomaly Detection of Mechanical Failures in Noisy Real-Life Factory Environments. *Electronics (Switzerland)*, **2021**, 10, 2329	2.6	5
276	A Self-Activated CNN Approach for Multi-Class Chest-Related COVID-19 Detection. *Applied Sciences (Switzerland)*, **2021**, 11, 9023	2.6	17
275	Deep Fake Recognition in Tweets Using Text Augmentation, Word Embeddings and Deep Learning. *Lecture Notes in Computer Science*, **2021**, 523-538	0.9	5
274	A novel framework for rapid diagnosis of COVID-19 on computed tomography scans. *Pattern Analysis and Applications*, **2021**, 24, 1-14	2.3	31
273	Bankline detection of GF-3 SAR images based on shearlet.. *PeerJ Computer Science*, **2021**, 7, e611	2.7	1
272	Predicting COVID-19 Cases in South Korea with All K-Edited Nearest Neighbors Noise Filter and Machine Learning Techniques. *Information (Switzerland)*, **2021**, 12, 528	2.6	0
271	Breast Cancer Detection Using Mammogram Images with Improved Multi-Fractal Dimension Approach and Feature Fusion. *Applied Sciences (Switzerland)*, **2021**, 11, 12122	2.6	11
270	Intelligent recommendation of related items based on naive bayes and collaborative filtering combination model. *Journal of Physics: Conference Series*, **2020**, 1682, 012043	0.3	4
269	CSID: A Novel Multimodal Image Fusion Algorithm for Enhanced Clinical Diagnosis. *Diagnostics*, **2020**, 10,	3.8	15
268	Prediction of Streamflow Based on Dynamic Sliding Window LSTM. *Water (Switzerland)*, **2020**, 12, 3032	3	9
267	LITNET-2020: An Annotated Real-World Network Flow Dataset for Network Intrusion Detection. *Electronics (Switzerland)*, **2020**, 9, 800	2.6	34
266	Detection of Speech Impairments Using Cepstrum, Auditory Spectrogram and Wavelet Time Scattering Domain Features. *IEEE Access*, **2020**, 8, 96162-96172	3.5	17
265	DDTree: A Hybrid Deep Learning Model for Real-Time Waterway Depth Prediction and Smart Navigation. *Applied Sciences (Switzerland)*, **2020**, 10, 2770	2.6	6
264	Classification of Infrared Objects in Manifold Space Using Kullback-Leibler Divergence of Gaussian Distributions of Image Points. *Symmetry*, **2020**, 12, 434	2.7	7
263	A Mobile Application for Smart Computer-Aided Self-Administered Testing of Cognition, Speech, and Motor Impairment. *Sensors*, **2020**, 20,	3.8	10
262	Fuzzy based image edge detection algorithm for blood vessel detection in retinal images. *Applied Soft Computing Journal*, **2020**, 94, 106452	7.5	79
261	Road Detection Based on Shearlet for GF-3 Synthetic Aperture Radar Images. *IEEE Access*, **2020**, 8, 28133-28141	3.5	11
260	. *IEEE Access*, **2020**, 8, 39525-39535	3.5	10

259	Wearable system for real-time monitoring of hemodynamic parameters: Implementation and evaluation. *Biomedical Signal Processing and Control*, **2020**, 59, 101873	4.9	9
258	Zerocross Density Decomposition: A Novel Signal Decomposition Method. *Studies in Computational Intelligence*, **2020**, 235-252	0.8	2
257	Secure ear biometrics using circular kernel principal component analysis, Chebyshev transform hashing and Bose–Chaudhuri–Hocquenghem error-correcting codes. *Signal, Image and Video Processing*, **2020**, 14, 847-855	1.6	16
256	A Novel Transfer Learning Based Approach for Pneumonia Detection in Chest X-ray Images. *Applied Sciences (Switzerland)*, **2020**, 10, 559	2.6	217
255	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	3.6	19
254	A systematic literature review on compliance requirements management of business processes. *International Journal of Systems Assurance Engineering and Management*, **2020**, 11, 561-576	1.3	8
253	Multiple Kinect based system to monitor and analyze key performance indicators of physical training. *Human-centric Computing and Information Sciences*, **2020**, 10,	5.4	22
252	Real-time neural network based predictor for cov19 virus spread. *PLoS ONE*, **2020**, 15, e0243189	3.7	17
251	Empirical Mode Decomposition Based Data Augmentation for Time Series Prediction Using NARX Network. *Lecture Notes in Computer Science*, **2020**, 702-711	0.9	0
250	Comparative Study of Real Time Machine Learning Models for Stock Prediction through Streaming Data. *Journal of Universal Computer Science*, **2020**, 26, 1128-1147	1.6	4
249	Deep Learning Based Evaluation of Spermatozoid Motility for Artificial Insemination. *Sensors*, **2020**, 21,	3.8	6
248	BodyLock: Human Identity Recogniser App from Walking Activity Data. *Lecture Notes in Computer Science*, **2020**, 307-319	0.9	1
247	AISRA: Anthropomorphic Robotic Hand for Small-Scale Industrial Applications. *Lecture Notes in Computer Science*, **2020**, 746-759	0.9	2
246	Systematic Mapping Study of Utility-Driven Platforms for Clouds. *Lecture Notes in Electrical Engineering*, **2020**, 762-774	0.2	3
245	Data Augmentation Using Principal Component Resampling for Image Recognition by Deep Learning. *Lecture Notes in Computer Science*, **2020**, 39-48	0.9	3
244	A Unified Framework for Outfit Design and Advice. *Advances in Intelligent Systems and Computing*, **2020**, 31-41	0.4	3
243	An Experimental Approach to Unravel Effects of Malware on System Network Interface. *Lecture Notes in Electrical Engineering*, **2020**, 225-235	0.2	7
242	Implications of Job Loading and Scheduling Structures on Machine Memory Effectiveness. *Lecture Notes in Electrical Engineering*, **2020**, 383-393	0.2	1

241	An Effective Instruction Execution and Processing Model in Multiuser Machine Environment. *Advances in Intelligent Systems and Computing*, **2020**, 805-817	0.4	2
240	Human RightsIssues and Media/Communication Theories in the Wake of Artificial Intelligence Technologies: The Fate of Electorates in Twenty-First-Century American Politics. *Lecture Notes in Electrical Engineering*, **2020**, 319-333	0.2	5
239	Safety Risk Assessment of a Pb-Zn Mine Based on Fuzzy-Grey Correlation Analysis. *Electronics (Switzerland)*, **2020**, 9, 130	2.6	17
238	dCCPI-predictor: A state-aware approach for effectively predicting cross-core performance interference. *Future Generation Computer Systems*, **2020**, 105, 184-195	7.5	2
237	Text Messaging-Based Medical Diagnosis Using Natural Language Processing and Fuzzy Logic. *Journal of Healthcare Engineering*, **2020**, 2020, 1-14	3.7	14
236	In Vitro Analysis of Quality of Dental Adhesive Bond Systems Applied in Various Conditions. *Coatings*, **2020**, 10, 891	2.9	3
235	NAS-HRIS: Automatic Design and Architecture Search of Neural Network for Semantic Segmentation in Remote Sensing Images. *Sensors*, **2020**, 20,	3.8	15
234	Modified Harris Hawks Optimizer for Solving Machine Scheduling Problems. *Symmetry*, **2020**, 12, 1460	2.7	13
233	Technical Threat Intelligence Analytics: What and How to Visualize for Analytic Process **2020**,		2
232	A Novel Method for Detection of Tuberculosis in Chest Radiographs Using Artificial Ecosystem-Based Optimisation of Deep Neural Network Features. *Symmetry*, **2020**, 12, 1146	2.7	48
231	Pearson Correlation-Based Feature Selection for Document Classification Using Balanced Training. *Sensors*, **2020**, 20,	3.8	25
230	Disturbance Rejection and Control Design of MVDC Converter with Evaluation of Power Loss and Efficiency Comparison of SiC and Si Based Power Devices. *Electronics (Switzerland)*, **2020**, 9, 1878	2.6	1
229	Identifying phishing attacks in communication networks using URL consistency features. *International Journal of Electronic Security and Digital Forensics*, **2020**, 12, 200	1	27
228	Hybrid Malware Classification Method Using Segmentation-Based Fractal Texture Analysis and Deep Convolution Neural Network Features. *Applied Sciences (Switzerland)*, **2020**, 10, 4966	2.6	48
227	Multimodal Brain Tumor Classification Using Deep Learning and Robust Feature Selection: A Machine Learning Application for Radiologists. *Diagnostics*, **2020**, 10,	3.8	108
226	Prospects of ocean-based renewable energy for West Africa sustainable energy future. *Smart and Sustainable Built Environment*, **2020**, 10, 37-50	3	10
225	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	2.6	10
224	Intelligent automation of dental material analysis using robotic arm with Jerk optimized trajectory. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 11, 6223-6234	3.7	4

223	Eight Element Side Edged Framed MIMO Antenna Array for Future 5G Smart Phones. *Micromachines*, **2020**, 11,	3.3	24
222	An Optimized Approach to Huntington's Disease Detecting via Audio Signals Processing with Dimensionality Reduction **2020**,		2
221	Real-Time Video Stitching for Mine Surveillance Using a Hybrid Image Registration Method. *Electronics (Switzerland)*, **2020**, 9, 1336	2.6	8
220	COVID-19 image classification using deep features and fractional-order marine predators algorithm. *Scientific Reports*, **2020**, 10, 15364	4.9	93
219	Increasing Innovative Working Behaviour of Information Technology Employees in Vietnam by Knowledge Management Approach. *Computers*, **2020**, 9, 61	1.9	2
218	Digital Evidence Object Model for Situation Awareness and Decision Making in Digital Forensics Investigation. *IEEE Intelligent Systems*, **2020**, 1-1	4.2	4
217	Ensemble machine learning approaches for webshell detection in Internet of things environments. *Transactions on Emerging Telecommunications Technologies*, **2020**, e4085	1.9	22
216	An Interactive Serious Mobile Game for Supporting the Learning of Programming in JavaScript in the Context of Eco-Friendly City Management. *Computers*, **2020**, 9, 102	1.9	9
215	Recognition of basketball referee signals from real-time videos. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 11, 979-991	3.7	13
214	3D Object Reconstruction from Imperfect Depth Data Using Extended YOLOv3 Network. *Sensors*, **2020**, 20,	3.8	11
213	Effect of COVID-19 outbreak on urban health and environment. *Air Quality, Atmosphere and Health*, **2020**, 14, 1-9	5.6	14
212	Attitude of mobile telecommunication subscribers towards sim card registration in Lagos State, Southwestern Nigeria. *International Journal of Systems Assurance Engineering and Management*, **2019**, 10, 783-791	1.3	2
211	Distributed Centrality Analysis of Social Network Data Using MapReduce. *Algorithms*, **2019**, 12, 161	1.8	20
210	HEMIGEN: Human Embryo Image Generator Based on Generative Adversarial Networks. *Sensors*, **2019**, 19,	3.8	24
209	An Edge-Fog Secure Self-Authenticable Data Transfer Protocol. *Sensors*, **2019**, 19,	3.8	11
208	Adaptive Independent Subspace Analysis of Brain Magnetic Resonance Imaging Data. *IEEE Access*, **2019**, 7, 12252-12261	3.5	26
207	Fully Convolutional Neural Network with Augmented Atrous Spatial Pyramid Pool and Fully Connected Fusion Path for High Resolution Remote Sensing Image Segmentation. *Applied Sciences (Switzerland)*, **2019**, 9, 1816	2.6	34
206	Diagnosing Oral Ulcers with Bayes Model. *Advances in Intelligent Systems and Computing*, **2019**, 485-494	0.4	1

205	A Comparative Study of Methods for Hiding Large Size Audio File in Smaller Image Carriers. *Communications in Computer and Information Science*, **2019**, 179-191	0.3	2
204	Embryo development stage prediction algorithm for automated time lapse incubators. *Computer Methods and Programs in Biomedicine*, **2019**, 177, 161-174	6.9	23
203	A Fuzzy Expert System for Diagnosing and Analyzing Human Diseases. *Advances in Intelligent Systems and Computing*, **2019**, 474-484	0.4	9
202	Iterative Design and Implementation of Rapid Gradient Descent Method. *Lecture Notes in Computer Science*, **2019**, 530-539	0.9	4
201	Artificial Intelligence, Smart Classrooms and Online Education in the 21st Century. *Journal of Cases on Information Technology*, **2019**, 21, 66-79	1.6	37
200	Multi-sink distributed power control algorithm for Cyber-physical-systems in coal mine tunnels. *Computer Networks*, **2019**, 161, 210-219	5.4	79
199	Fuzzy Logic Type-2 Based Wireless Indoor Localization System for Navigation of Visually Impaired People in Buildings. *Sensors*, **2019**, 19,	3.8	42
198	Bio-inspired voice evaluation mechanism. *Applied Soft Computing Journal*, **2019**, 80, 342-357	7.5	17
197	Reconstruction of 3D Object Shape Using Hybrid Modular Neural Network Architecture Trained on 3D Models from Dataset. *Sensors*, **2019**, 19,	3.8	12
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7	Systematic Review of Computing Approaches for Breast Cancer Detection Based Computer Aided Diagnosis Using Mammogram Images. *Applied Artificial Intelligence*,1-47	2.3	11
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