Seifedine Kadry

List of Publications by Year
in descending order

315 papers	6,629 citations	81839 39 h-index	118793 62 g-index
331 all docs	331 docs citations	331 times ranked	3561 citing authors

#	Article	IF	Citations
1	Classification of focal and non focal EEG using entropies. Pattern Recognition Letters, 2017, 94, 112-117.	2.6	190
2	Fully developed entropy optimized second order velocity slip MHD nanofluid flow with activation energy. Computer Methods and Programs in Biomedicine, 2020, 190, 105362.	2.6	150
3	IOT based wearable sensor for diseases prediction and symptom analysis in healthcare sector. Peer-to-Peer Networking and Applications, 2020, 13, 2123-2134.	2.6	141
4	Early Detection and Classification of Tomato Leaf Disease Using High-Performance Deep Neural Network. Sensors, 2021, 21, 7987.	2.1	139
5	Detection of flood disaster system based on IoT, big data and convolutional deep neural network. Computer Communications, 2020, 150, 150-157.	3.1	131
6	An Efficient DenseNet-Based Deep Learning Model for Malware Detection. Entropy, 2021, 23, 344.	1.1	120
7	Segmentation by Fractional Order Darwinian Particle Swarm Optimization Based Multilevel Thresholding and Improved Lossless Prediction Based Compression Algorithm for Medical Images. IEEE Access, 2019, 7, 89570-89580.	2.6	118
8	Entropy optimized Darcy-Forchheimer nanofluid (Silicon dioxide, Molybdenum disulfide) subject to temperature dependent viscosity. Computer Methods and Programs in Biomedicine, 2020, 190, 105363.	2.6	117
9	Cloud Computing-Based Framework for Breast Cancer Diagnosis Using Extreme Learning Machine. Diagnostics, 2021, 11, 241.	1.3	116
10	Towards DNA based data security in the cloud computing environment. Computer Communications, 2020, 151, 539-547.	3.1	108
11	Prediction of COVID-19 - Pneumonia based on Selected Deep Features and One Class Kernel Extreme Learning Machine. Computers and Electrical Engineering, 2021, 90, 106960.	3.0	106
12	Computer-Aided Gastrointestinal Diseases Analysis From Wireless Capsule Endoscopy: A Framework of Best Features Selection. IEEE Access, 2020, 8, 132850-132859.	2.6	104
13	Irreversibility Analysis and Heat Transport in Squeezing Nanoliquid Flow of Non-Newtonian (Second-Grade) Fluid Between Infinite Plates with Activation Energy. Arabian Journal for Science and Engineering, 2020, 45, 4939-4947.	1.7	101
14	A novel nonintrusive decision support approach for heart rate measurement. Pattern Recognition Letters, 2020, 139, 148-156.	2.6	100
15	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
16	The technological innovation of hybrid and plug-in electric vehicles for environment carbon pollution control. Environmental Impact Assessment Review, 2021, 86, 106506.	4.4	97
17	Continuous health monitoring of sportsperson using IoT devices based wearable technology. Computer Communications, 2020, 160, 588-595.	3.1	85
18	Recurrent Neural Network for Kinematic Control of Redundant Manipulators With Periodic Input Disturbance and Physical Constraints. IEEE Transactions on Cybernetics, 2019, 49, 4194-4205.	6.2	77

#	Article	IF	Citations
19	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
20	Smart-Contract Aware Ethereum and Client-Fog-Cloud Healthcare System. Sensors, 2021, 21, 4093.	2.1	72
21	Deep learning convolutional neural network (CNN) With Gaussian mixture model for predicting pancreatic cancer. Multimedia Tools and Applications, 2020, 79, 10233-10247.	2.6	71
22	Blockchain Based Cloud Computing: Architecture and Research Challenges. IEEE Access, 2020, 8, 205190-205205.	2.6	71
23	FDM: Fuzzy-Optimized Data Management Technique for Improving Big Data Analytics. IEEE Transactions on Fuzzy Systems, 2021, 29, 177-185.	6.5	71
24	Intelligent Vision-Based Malware Detection and Classification Using Deep Random Forest Paradigm. IEEE Access, 2020, 8, 206303-206324.	2.6	65
25	Blockchain-Based Secure Healthcare Application for Diabetic-Cardio Disease Prediction in Fog Computing. IEEE Access, 2021, 9, 45706-45720.	2.6	65
26	A Hybrid Framework to Evaluate Breast Abnormality Using Infrared Thermal Images. IEEE Consumer Electronics Magazine, 2019, 8, 31-36.	2.3	64
27	Simulation analysis of supply chain risk management system based on IoT information platform. Enterprise Information Systems, 2020, 14, 1354-1378.	3.3	63
28	Complex Intuitionistic Fuzzy Graphs with Application in Cellular Network Provider Companies. Mathematics, 2019, 7, 35.	1.1	61
29	A Survey on blockchain for industrial Internet of Things. AEJ - Alexandria Engineering Journal, 2022, 61, 6001-6022.	3.4	59
30	ResNet-SCDA-50 for Breast Abnormality Classification. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 94-102.	1.9	55
31	A Digital DNA Sequencing Engine for Ransomware Detection Using Machine Learning. IEEE Access, 2020, 8, 119710-119719.	2.6	54
32	Machine Learning Assisted Information Management Scheme in Service Concentrated IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 2871-2879.	7.2	54
33	Significance of Hall effect and Ion slip in a three-dimensional bioconvective Tangent hyperbolic nanofluid flow subject to Arrhenius activation energy. Scientific Reports, 2020, 10, 18342.	1.6	52
34	Quantum Machine Learning Architecture for COVID-19 Classification Based on Synthetic Data Generation Using Conditional Adversarial Neural Network. Cognitive Computation, 2022, 14, 1677-1688.	3.6	52
35	Time series forecasting of COVID-19 transmission in Asia Pacific countries using deep neural networks. Personal and Ubiquitous Computing, 2023, 27, 733-750.	1.9	52
36	Impact of Newtonian heating and Fourier and Fick's laws on a magnetohydrodynamic dusty Casson nanofluid flow with variable heat source/sink over a stretching cylinder. Scientific Reports, 2021, 11, 2357.	1.6	52

#	Article	IF	Citations
37	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
38	A two‑stream deep neural network‑based intelligent system for complex skin cancer types classification. International Journal of Intelligent Systems, 2022, 37, 10621-10649.	3.3	50
39	Role of bioconvection in a three dimensional tangent hyperbolic partially ionized magnetized nanofluid flow with Cattaneo-Christov heat flux and activation energy. International Communications in Heat and Mass Transfer, 2021, 120, 104994.	2.9	48
40	Adaptive Energy Aware Quality of Service for Reliable Data Transfer in Under Water Acoustic Sensor Networks. IEEE Access, 2019, 7, 80093-80103.	2.6	47
41	Procuring cooperative intelligence in autonomous vehicles for object detection through data fusion approach. IET Intelligent Transport Systems, 2020, 14, 1410-1417.	1.7	46
42	Multiple slips impact in the MHD hybrid nanofluid flow with Cattaneo‑Christov heat flux and autocatalytic chemical reaction. Scientific Reports, 2021, 11, 14625.	1.6	45
43	Deep Semantic Segmentation and Multi-Class Skin Lesion Classification Based on Convolutional Neural Network. IEEE Access, 2020, 8, 129668-129678.	2.6	42
44	Research on the design of analytical communication and information model for teaching resources with cloud‑sharing platform. Computer Applications in Engineering Education, 2021, 29, 359-369.	2.2	40
45	Underwater Networked Wireless Sensor Data Collection for Computational Intelligence Techniques: Issues, Challenges, and Approaches. IEEE Access, 2020, 8, 122959-122974.	2.6	39
46	Recognition of Different Types of Leukocytes Using YOLOv2 and Optimized Bag-of-Features. IEEE Access, 2020, 8, 167448-167459.	2.6	38
47	On the evaluation of stratification based entropy optimized hydromagnetic flow featuring dissipation aspect and Robin conditions. Computer Methods and Programs in Biomedicine, 2020, 190, 105347.	2.6	38
48	A Computer-Aided Diagnosis System Using Deep Learning for Multiclass Skin Lesion Classification. Computational Intelligence and Neuroscience, 2021, 2021, 1-15.	1.1	38
49	A New Model for Brain Tumor Detection Using Ensemble Transfer Learning and Quantum Variational Classifier. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.1	38
50	Effects of Chemical Species and Nonlinear Thermal Radiation with 3D Maxwell Nanofluid Flow with Double Stratification‑An Analytical Solution. Entropy, 2020, 22, 453.	1.1	37
51	Molecular Chaperone HSP70 and Key Regulators of Apoptosis - A Review. Current Molecular Medicine, 2019, 19, 315-325.	0.6	37
52	Intelligent fusion-assisted skin lesion localization and classification for smart healthcare. Neural Computing and Applications, 2024, 36, 37-52.	3.2	37
53	Students university healthy lifestyle practice: quantitative analysis. Health Information Science and Systems, 2019, 7, 7.	3.4	36
54	Multi-Disease Classification Model Using Strassen's Half of Threshold (SHoT) Training Algorithm in Healthcare Sector. IEEE Access, 2021, 9, 112624-112636.	2.6	36

#	Article	IF	Citations
55	Assessment of bioconvection in magnetized Sutterby nanofluid configured by a rotating disk: A numerical approach. Modern Physics Letters B, 2021, 35, 2150202.	1.0	35
56	A hybrid algorithm (BAPSO) for capacity configuration optimization in a distributed solar PV based microgrid. Energy Reports, 2021, 7, 7906-7912.	2.5	35
57	Deep neural network assisted diagnosis of time-frequency transformed electromyograms. Multimedia Tools and Applications, 2020, 79, 11051-11067.	2.6	34
58	A Boosting-Aided Adaptive Cluster-Based Undersampling Approach for Treatment of Class Imbalance Problem. International Journal of Data Warehousing and Mining, 2020, 16, 60-86.	0.4	34
59	Radiative MHD Nanofluid Flow over a Moving Thin Needle with Entropy Generation in a Porous Medium with Dust Particles and Hall Current. Entropy, 2020, 22, 354.	1.1	34
60	A hybrid machine learning framework to predict mortality in paralytic ileus patients using electronic health records (EHRs). Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 3283-3293.	3.3	34
61	Hypoexponential Distribution with Different Parameters. Applied Mathematics, 2013, 04, 624-631.	0.1	32
62	Automated segmentation of leukocyte from hematological images—a study using various CNN schemes. Journal of Supercomputing, 2022, 78, 6974-6994.	2.4	32
63	Diagnosis of diabetic retinopathy using multi level set segmentation algorithm with feature extraction using SVM with selective features. Multimedia Tools and Applications, 2020, 79, 10581-10596.	2.6	31
64	Variable characteristics of viscosity and thermal conductivity in peristalsis of magneto-Carreau nanoliquid with heat transfer irreversibilities. Computer Methods and Programs in Biomedicine, 2020, 190, 105355.	2.6	31
65	Application of response surface methodology on the nanofluid flow over a rotating disk with autocatalytic chemical reaction and entropy generation optimization. Scientific Reports, 2021, 11, 4021.	1.6	31
66	Control Framework for Trajectory Planning of Soft Manipulator Using Optimized RRT Algorithm. IEEE Access, 2020, 8, 171730-171743.	2.6	30
67	FAST: Fast Accessing Scheme for data Transmission in cloud computing. Peer-to-Peer Networking and Applications, 2021, 14, 2430-2442.	2.6	30
68	Human gait analysis for osteoarthritis prediction: a framework of deep learning and kernel extreme learning machine. Complex & Intelligent Systems, 2023, 9, 2665-2683.	4.0	30
69	Comparative analysis of magnetized partially ionized copper, copper oxide–water and kerosene oil nanofluid flow with Cattaneo–Christov heat flux. Scientific Reports, 2020, 10, 19300.	1.6	29
70	Blockchain Enabled Transparent and Anti-Counterfeiting Supply of COVID-19 Vaccine Vials. Vaccines, 2021, 9, 1239.	2.1	29
71	Evaluation of brain tumor using brain MRI with modified-moth-flame algorithm and Kapur's thresholding: a study. Evolutionary Intelligence, 2021, 14, 1053-1063.	2.3	28
72	Peristaltic activity for electro-kinetic complex driven cilia transportation through a non-uniform channel. Computer Methods and Programs in Biomedicine, 2021, 200, 105926.	2.6	28

#	Article	IF	Citations
73	A framework for learning analytics in moodle for assessing course outcomes. , 2016, , .		27
74	Expression of miR-23a by apoptotic regulators in human cancer: A review. Cancer Biology and Therapy, 2017, 18, 269-276.	1.5	27
75	Numerical Simulation of 3D Condensation Nanofluid Film Flow with Carbon Nanotubes on an Inclined Rotating Disk. Applied Sciences (Switzerland), 2020, 10, 168.	1.3	27
76	Multiclass Cucumber Leaf Diseases Recognition Using Best Feature Selection. Computers, Materials and Continua, 2022, 70, 3281-3294.	1.5	27
77	An Integrated Design for Classification and Localization of Diabetic Foot Ulcer Based on CNN and YOLOv2-DFU Models. IEEE Access, 2020, 8, 228586-228597.	2.6	27
78	Analysis of Brain MRI Images Using Improved CornerNet Approach. Diagnostics, 2021, 11, 1856.	1.3	27
79	Automated System for Identifying COVID-19 Infections in Computed Tomography Images Using Deep Learning Models. Journal of Healthcare Engineering, 2022, 2022, 1-13.	1.1	27
80	Neutrosophic cubic Heronian mean operators with applications in multiple attribute group decision-making using cosine similarity functions. International Journal of Distributed Sensor Networks, 2019, 15, 155014771987761.	1.3	26
81	Breast-Cancer Detection using Thermal Images with Marine-Predators-Algorithm Selected Features. , 2021, , .		26
82	Effect of Viscous Dissipation in Heat Transfer of MHD Flow of Micropolar Fluid Partial Slip Conditions: Dual Solutions and Stability Analysis. Energies, 2019, 12, 4617.	1.6	25
83	Impact of Second-Order Slip and Double Stratification Coatings on 3D MHD Williamson Nanofluid Flow with Cattaneoâ€"Christov Heat Flux. Coatings, 2019, 9, 849.	1.2	25
84	Significance of magnetic Reynolds number in a three-dimensional squeezing Darcyâ€"Forchheimer hydromagnetic nanofluid thin-film flow between two rotating disks. Scientific Reports, 2020, 10, 17208.	1.6	25
85	A dynamic clustering technique based on deep reinforcement learning for Internet of vehicles. Journal of Intelligent Manufacturing, 2021, 32, 757-768.	4.4	25
86	On the generalization of probabilistic transformation method. Applied Mathematics and Computation, 2007, 190, 1284-1289.	1.4	24
87	Prediction in Complex Dimension Using Kolmogorov's Set of Axioms. Journal of Mathematics and Statistics, 2010, 6, 116-124.	0.2	23
88	A novel model to analyze Darcy Forchheimer nanofluid flow in a permeable medium with Entropy generation analysis. Journal of Taibah University for Science, 2020, 14, 916-930.	1.1	23
89	Numerical Study for the Effects of Temperature Dependent Viscosity Flow of Non-Newtonian Fluid with Double Stratification. Applied Sciences (Switzerland), 2020, 10, 708.	1.3	23
90	Human Gait Recognition: A Single Stream Optimal Deep Learning Features Fusion. Sensors, 2021, 21, 7584.	2.1	23

#	Article	IF	Citations
91	A review on federated learning towards image processing. Computers and Electrical Engineering, 2022, 99, 107818.	3.0	23
92	Thermally Stratified Darcy Forchheimer Flow on a Moving Thin Needle with Homogeneous Heterogeneous Reactions and Non-Uniform Heat Source/Sink. Applied Sciences (Switzerland), 2020, 10, 432.	1.3	22
93	Transportation of water-based trapped bolus of SWCNTs and MWCNTs with entropy optimization in a non-uniform channel. Neural Computing and Applications, 2020, 32, 13565-13576.	3.2	22
94	Partially ionized hybrid nanofluid flow with thermal stratification. Journal of Materials Research and Technology, 2021, 11, 1457-1468.	2.6	22
95	Classification of Positive COVID-19 CT Scans using Deep Learning. Computers, Materials and Continua, 2021, 66, 2923-2938.	1.5	22
96	A Rapid Artificial Intelligence-Based Computer-Aided Diagnosis System for COVID-19 Classification from CT Images. Behavioural Neurology, 2021, 2021, 1-13.	1.1	22
97	Mathematical modeling of multiphase flows of third-grade fluid with lubrication effects through an inclined channel: analytical treatment. Journal of Dispersion Science and Technology, 2022, 43, 1555-1567.	1.3	21
98	Extraction of Abnormal Skin Lesion from Dermoscopy Image using VGG-SegNet. , 2021, , .		21
99	Nonlinear radiative Maxwell nanofluid flow in a Darcy–Forchheimer permeable media over a stretching cylinder with chemical reaction and bioconvection. Scientific Reports, 2021, 11, 9391.	1.6	21
100	Internet of things assisted public security management platform for urban transportation using hybridised cryptographic-integrated steganography. IET Intelligent Transport Systems, 2020, 14, 1497-1506.	1.7	21
101	Onset of Cattaneo-Christov Heat Flux and Thermal Stratification in Ethylene-Glycol Based Nanofluid Flow Containing Carbon Nanotubes in a Rotating Frame. IEEE Access, 2019, 7, 146190-146197.	2.6	20
102	Steganogram removal using multidirectional diffusion in fourier domain while preserving perceptual image quality. Pattern Recognition Letters, 2021, 147, 197-205.	2.6	20
103	A Long Short-Term Memory Biomarker-Based Prediction Framework for Alzheimer's Disease. Sensors, 2022, 22, 1475.	2.1	20
104	Nanofluid flow containing carbon nanotubes with quartic autocatalytic chemical reaction and Thompson and Troian slip at the boundary. Scientific Reports, 2020, 10, 18710.	1.6	19
105	Regular perturbation solution of Couette flow (non-Newtonian) between two parallel porous plates: a numerical analysis with irreversibility. Applied Mathematics and Mechanics (English Edition), 2021, 42, 127-142.	1.9	19
106	Computer Decision Support System for Skin Cancer Localization and Classification. Computers, Materials and Continua, 2021, 68, 1041-1064.	1.5	19
107	Computational study of solid-liquid supercritical flow of 4th-grade fluid through magnetized surface. Physica Scripta, 2021, 96, 015201.	1.2	19
108	Nanofluid flow with autocatalytic chemical reaction over a curved surface with nonlinear thermal radiation and slip condition. Scientific Reports, 2020, 10, 18339.	1.6	18

#	Article	IF	Citations
109	Recognition of pollution layer location in 11 kV polymer insulators used in smart power grid using dual-input VGG Convolutional Neural Network. Energy Reports, 2021, 7, 7878-7889.	2.5	17
110	The Recent Technologies to Curb the Second-Wave of COVID-19 Pandemic. IEEE Access, 2021, 9, 97906-97928.	2.6	17
111	Impact of hall and ion slip in a thermally stratified nanofluid flow comprising Cu and Al2O3 nanoparticles with nonuniform source/sink. Scientific Reports, 2020, 10, 18064.	1.6	16
112	Numerical Analysis of Carbon Nanotube-Based Nanofluid Unsteady Flow Amid Two Rotating Disks with Hall Current Coatings and Homogeneousâ€"Heterogeneous Reactions. Coatings, 2020, 10, 48.	1.2	16
113	Blockchain-Based Wireless Sensor Networks for Malicious Node Detection: A Survey. IEEE Access, 2021, 9, 128765-128785.	2.6	16
114	Irreversibility minimization analysis of ferromagnetic Oldroyd-B nanofluid flow under the influence of a magnetic dipole. Scientific Reports, 2021, 11, 4810.	1.6	16
115	Extraction of Tumour in Breast MRI using Joint Thresholding and Segmentation â€" A Study. , 2021, , .		16
116	Novel framework of GIS based automated monitoring process on environmental biodegradability and risk analysis using Internet of Things. Environmental Research, 2021, 194, 110621.	3.7	16
117	Development of a Framework for Preserving the Disease-Evidence-Information to Support Efficient Disease Diagnosis. International Journal of Data Warehousing and Mining, 2021, 17, 63-84.	0.4	16
118	How to use effectively smartphone in the classroom. , 2017, , .		15
119	Python for Graph and Network Analysis. Advanced Information and Knowledge Processing, 2017, , .	0.2	15
120	Bilateral remote control over space manipulators. AIP Conference Proceedings, 2018, , .	0.3	15
121	A New Dispersion Control Chart for Handling the Neutrosophic Data. IEEE Access, 2020, 8, 96006-96015.	2.6	15
122	3D Semantic Deep Learning Networks for Leukemia Detection. Computers, Materials and Continua, 2021, 69, 785-799.	1.5	15
123	License plate recognition using neural architecture search for edge devices. International Journal of Intelligent Systems, 2022, 37, 10211-10248.	3.3	15
124	Visualization of Explanations in Recommender Systems. Journal of Advanced Management Science, 2014, 2, 140-144.	0.1	15
125	Automated detection of age-related macular degeneration using a pre-trained deep-learning scheme. Journal of Supercomputing, 2022, 78, 7321-7340.	2.4	15
126	An Integrated Design Based on Dual Thresholding and Features Optimization for White Blood Cells Detection. IEEE Access, 2021, 9, 151421-151433.	2.6	15

#	Article	IF	Citations
127	Ï‡2-BidLSTM: A Feature Driven Intrusion Detection System Based on Ï‡2 Statistical Model and Bidirectional LSTM. Sensors, 2022, 22, 2018.	2.1	15
128	Survey of energy drink consumption and adverse health effects in Lebanon. Health Information Science and Systems, 2018, 6, 15.	3.4	14
129	Understanding expert finding systems: domains and techniques. Social Network Analysis and Mining, 2018, 8, 1.	1.9	14
130	Impact of Nonlinear Chemical Reaction and Melting Heat Transfer on an MHD Nanofluid Flow over a Thin Needle in Porous Media. Applied Sciences (Switzerland), 2019, 9, 5492.	1.3	14
131	Multiclass Stomach Diseases Classification Using Deep Learning Features Optimization. Computers, Materials and Continua, 2021, 67, 3381-3399.	1.5	14
132	An agent architecture for autonomous UAV flight control in object classification and recognition missions. Soft Computing, 2023, 27, 391-404.	2.1	14
133	U-Net Supported Segmentation of Ischemic-Stroke-Lesion from Brain MRI Slices. , 2021, , .		14
134	Liver Tumor Localization Based on YOLOv3 and 3D-Semantic Segmentation Using Deep Neural Networks. Diagnostics, 2022, 12, 823.	1.3	14
135	Neutrosophic Cubic Einstein Hybrid Geometric Aggregation Operators with Application in Prioritization Using Multiple Attribute Decision-Making Method. Mathematics, 2019, 7, 346.	1.1	13
136	Convolutional Bi-LSTM Based Human Gait Recognition Using Video Sequences. Computers, Materials and Continua, 2021, 68, 2693-2709.	1.5	13
137	Accelerated grey wolf optimization for global optimization problems. Technological Forecasting and Social Change, 2021, 169, 120824.	6.2	13
138	Real-Time Violent Action Recognition Using Key Frames Extraction and Deep Learning. Computers, Materials and Continua, 2021, 69, 2217-2230.	1.5	13
139	EEG Channel Selection Using Multiobjective Cuckoo Search for Person Identification as Protection System in Healthcare Applications. Computational Intelligence and Neuroscience, 2022, 2022, 1-18.	1.1	13
140	An Integrated Algorithmic MADM Approach for Heart Diseasesâ€™ Diagnosis Based on Neutrosophic Hypersoft Set with Possibility Degree-Based Setting. Life, 2022, 12, 729.	1.1	13
141	Novel DERMA Fusion Technique for ECG Heartbeat Classification. Life, 2022, 12, 842.	1.1	13
142	Numerical treatment of radiative Nickelâ€"Zinc ferrite-Ethylene glycol nanofluid flow past a curved surface with thermal stratification and slip conditions. Scientific Reports, 2020, 10, 16832.	1.6	12
143	On Scale Parameter Monitoring of the Rayleigh Distributed Data Using a New Design. IEEE Access, 2020, 8, 188390-188400.	2.6	12
144	Artificial intelligence assisted intelligent planning framework for environmental restoration of terrestrial ecosystems. Environmental Impact Assessment Review, 2021, 86, 106493.	4.4	12

#	Article	IF	Citations
145	Diagnosis of COVID-19 Infection Using Three-Dimensional Semantic Segmentation and Classification of Computed Tomography Images. Computers, Materials and Continua, 2021, 68, 2451-2467.	1.5	12
146	Joule heating, activation energy and modified diffusion analysis for 3D slip flow of tangent hyperbolic nanofluid with gyrotactic microorganisms. Modern Physics Letters B, 0, , 2150278.	1.0	12
147	Maintainable stochastic communication network reliability within tolerable packet error rate. Computer Communications, 2021, 178, 161-168.	3.1	12
148	Toward New Vision in Teaching Calculus. IERI Procedia, 2012, 2, 548-553.	0.3	11
149	Six Sigma Methodology for the Environment Sustainable Development. , 2013, , 61-76.		11
150	Asymptotic vacua with higher derivatives. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 387-392.	1.5	11
151	Almost Periodic Solutions of First-Order Ordinary Differential Equations. Mathematics, 2018, 6, 171.	1.1	11
152	N-Cubic sets and aggregation operators. Journal of Intelligent and Fuzzy Systems, 2019, 37, 5009-5023.	0.8	11
153	Remote Control of Space Robots Change-Adaptive in its External Environment. International Journal of Online and Biomedical Engineering, 2019, 15, 84.	0.9	11
154	Optimization of makespan and resource utilization in the fog computing environment through task scheduling algorithm. International Journal of Wavelets, Multiresolution and Information Processing, 2020, 18, 1941025.	0.9	11
155	A Deep Learning Based Approach for Patient Pulmonary CT Image Screening to Predict Coronavirus (SARS-CoV-2) Infection. Diagnostics, 2021, 11, 1735.	1.3	11
156	Information Diffusion in Social Networks. Advanced Information and Knowledge Processing, 2017, , 165-184.	0.2	11
157	EEG Channel Selection Based User Identification via Improved Flower Pollination Algorithm. Sensors, 2022, 22, 2092.	2.1	11
158	Multi-Class Classification of Breast Cancer Using 6B-Net with Deep Feature Fusion and Selection Method. Journal of Personalized Medicine, 2022, 12, 683.	1.1	11
159	Measuring learning outcomes effectively in smart learning environments. , 2016, , .		10
160	About stability of selector linear differential inclusions. AIP Conference Proceedings, 2018, , .	0.3	10
161	Stabilization of the program motion of control object with elastically connected elements. AIP Conference Proceedings, 2018, , .	0.3	10
162	Stability analysis and modeling for the three-dimensional Darcy-Forchheimer stagnation point nanofluid flow towards a moving surface. Applied Mathematics and Mechanics (English Edition), 2021, 42, 357-370.	1.9	10

#	Article	IF	Citations
163	Deep CNN-based autonomous system for safety measures in logistics transportation. Soft Computing, 2021, 25, 12357-12370.	2.1	10
164	A Modified-Form Expressions for the Hypoexponential Distribution. British Journal of Mathematics & Computer Science, 2014, 4, 322-332.	0.3	10
165	P2P-COVID-GAN. International Journal of Data Warehousing and Mining, 2021, 17, 101-118.	0.4	10
166	Towards Design and Feasibility Analysis of DePaaS: AI Based Global Unified Software Defect Prediction Framework. Applied Sciences (Switzerland), 2022, 12, 493.	1.3	10
167	CNN supported framework for automatic extraction and evaluation of dermoscopy images. Journal of Supercomputing, 0, , 1.	2.4	10
168	Green IT: Case Studies. Energy Procedia, 2012, 16, 1052-1058.	1.8	9
169	On generalized fuzzy sets in ordered LA-semihypergroups. Proceedings of the Estonian Academy of Sciences, 2019, 68, 43.	0.9	9
170	Intelligent social network based data modeling for improving health care. Health and Technology, 2020, 10, 321-332.	2.1	9
171	Application of community detection algorithms on learning networks. The case of Khan Academy repository. Computer Applications in Engineering Education, 2021, 29, 411-424.	2.2	9
172	Segmentation and Classification of Stomach Abnormalities Using Deep Learning. Computers, Materials and Continua, 2021, 69, 607-625.	1.5	9
173	Automated Detection of Schizophrenia from Brain MRI Slices using Optimized Deep-Features. , 2021, , .		9
174	Automated classification of retinal images into AMD/non-AMD Class—a study using multi-threshold and Gassian-filter enhanced images. Evolutionary Intelligence, 2021, 14, 1163-1171.	2.3	9
175	Detecting communities using social network analysis in online learning environments: Systematic literature review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2022, 12, e1431.	4.6	9
176	On the Optimization of Dijkstra's Algorithm. Lecture Notes in Electrical Engineering, 2011, , 393-397.	0.3	8
177	Modeling the motion of a space manipulation robot using position control. AIP Conference Proceedings, 2019, , .	0.3	8
178	An efficient image integration algorithm for night mode vision applications. Multimedia Tools and Applications, 2020, 79, 10995-11012.	2.6	8
179	ITS Based on Deep Graph Convolutional Fraud Detection Network Blockchain-Enabled Fog-Cloud. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 8399-8408.	4.7	8
180	The regular state in higher order gravity. International Journal of Modern Physics A, 2016, 31, 1650130.	0.5	7

#	Article	IF	Citations
181	Healthcare Operation Improvement Based on Simulation of Cooperative Resource Preservation Nets for None-Consumable Resources. Complexity, 2018, 2018, 1-14.	0.9	7
182	A New Method to Study the Periodic Solutions of the Ordinary Differential Equations Using Functional Analysis. Mathematics, 2019, 7, 677.	1.1	7
183	An optimized hierarchical encryption technique for tamper recognition. Multimedia Tools and Applications, 2019, 78, 18693-18712.	2.6	7
184	Design and Assessment of Using Smartphone Application in the Classroom to Improve Students' Learning. International Journal of Engineering Pedagogy, 2019, 9, 17.	0.7	7
185	Artificial intelligence with robotics for advanced manufacturing industry using robot-assisted mixed-integer programming model. Intelligent Service Robotics, 2020, , 1.	1.6	7
186	Virtual Reality-Based Visual Interaction: A Framework for Classification of Ethnic Clothing Totem Patterns. IEEE Access, 2021, 9, 81512-81526.	2.6	7
187	Detecting epilepsy in EEG signals using synchro-extracting-transform (SET) supported classification technique. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 10123-10141.	3.3	7
188	M3BTCNet: multi model brain tumor classification using metaheuristic deep neural network features optimization. Neural Computing and Applications, 2024, 36, 95-110.	3.2	7
189	Novel Neutrosophic Cubic Graphs Structures With Application in Decision Making Problems. IEEE Access, 2019, 7, 94757-94778.	2.6	6
190	Securing one-time password generation using elliptic-curve cryptography with self-portrait photograph for mobile commerce application. Multimedia Tools and Applications, 2020, 79, 17081-17099.	2.6	6
191	Automated Segmentation of COVID-19 Lesion from Lung CT Images Using U-Net Architecture. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 20-30.	0.2	6
192	Person re-identification using adversarial haze attack and defense: A deep learning framework. Computers and Electrical Engineering, 2021, 96, 107542.	3.0	6
193	Deep learning model construction for a semi-supervised classification with feature learning. Complex & Intelligent Systems, 2023, 9, 3011-3021.	4.0	6
194	Multi-objective flower pollination algorithm: a new technique for EEG signal denoising. Neural Computing and Applications, 2023, 35, 7943-7962.	3.2	6
195	A Vehicle-Consensus Information Exchange Scheme for Traffic Management in Vehicular Ad-Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19602-19612.	4.7	6
196	A New 12-Lead ECG Signals Fusion Method Using Evolutionary CNN Trees for Arrhythmia Detection. Mathematics, 2022, 10, 1911.	1.1	6
197	Systematic assessment of student outcomes in mathematics for engineering students. , 2015, , .		5
198	Analytical Solution of UCM Viscoelastic Liquid with Slip Condition and Heat Flux over Stretching Sheet: The Galerkin Approach. Mathematical Problems in Engineering, 2020, 2020, 1-7.	0.6	5

#	Article	IF	Citations
199	Internet of things-assisted advanced dynamic information processing system for physical education system. Technology and Health Care, 2021, 29, 1-13.	0.5	5
200	An Intelligent and Autonomous Sight Distance Evaluation Framework for Sustainable Transportation. Sustainability, 2021, 13, 8885.	1.6	5
201	Performance enhancement of SRM using smart bacterial foraging optimization algorithm based speed and current PID controllers. Computers and Electrical Engineering, 2021, 95, 107398.	3.0	5
202	Fruits and Vegetable Diseases Recognition Using Convolutional Neural Networks. Computers, Materials and Continua, 2022, 70, 619-635.	1.5	5
203	Deep Learning Framework to Detect Ischemic Stroke Lesion in Brain MRI Slices of Flair/DW/T1 Modalities. Symmetry, 2021, 13, 2080.	1.1	5
204	Meta Structural Learning Algorithm With Interpretable Convolutional Neural Networks for Arrhythmia Detection of Multisession ECG. IEEE Access, 2022, 10, 61410-61425.	2.6	5
205	Analysis of the Pertinence of Indian Women's Institutions in Collaborative Research. IEEE Transactions on Computational Social Systems, 2024, , 1-10.	3.2	5
206	Finding the PDF of the hypoexponential random variable using the Kad matrix similar to the general Vandermonde matrix. Communications in Statistics - Theory and Methods, 2016, 45, 1542-1549.	0.6	4
207	Simulation and analysis of staff scheduling in hospitality management. , 2017, , .		4
208	Pedestrian identification using motion-controlled deep neural network in real-time visual surveillance. Soft Computing, 0, , 1.	2.1	4
209	Applying Social Network Analysis to Analyze a Web-Based Community. International Journal of Advanced Computer Science and Applications, 2012, 3, .	0.5	4
210	Massively Parallel Processing Distributed Database for Business Intelligence. Information Technology Journal, 2007, 7, 70-76.	0.3	4
211	New Generating Technique for Image Steganography. Lecture Notes on Software Engineering, 2013, , 190-193.	0.3	4
212	Image processing based eye detection methods a theoretical review. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1189-1197.	0.6	4
213	Improved Text Summarization of News Articles Using GA-HC and PSO-HC. Applied Sciences (Switzerland), 2021, 11, 10511.	1.3	4
214	Design of Metaheuristic Optimization-Based Vascular Segmentation Techniques for Photoacoustic Images. Contrast Media and Molecular Imaging, 2022, 2022, 1-12.	0.4	4
215	Design of Waste Management System Using Ensemble Neural Networks. Designs, 2022, 6, 27.	1.3	4
216	Safe drive in smart city. , 2016, , .		3

#	Article	IF	Citations
217	Impact of Magnetohydrodynamics on Stagnation Point Slip Flow due to Nonlinearly Propagating Sheet with Nonuniform Thermal Reservoir. Mathematical Problems in Engineering, 2020, 2020, 1-10.	0.6	3
218	Maritime moving object localization and detection using global navigation smart radar system. Soft Computing, 2021, 25, 11965-11974.	2.1	3
219	Investigation of viscous dissipation and entropy generation in third grade nanofluid flow over a stretched riga plate with Cattaneo-Christov Double Diffusion (CCDD) model. Physica Scripta, 2020, 95, 115004.	1.2	3
220	A Solutions for Authentication of Web Service Users. Information Technology Journal, 2007, 6, 987-995.	0.3	3
221	CellsDeepNet: A Novel Deep Learning-Based Web Application for the Automated Morphometric Analysis of Corneal Endothelial Cells. Mathematics, 2022, 10, 320.	1.1	3
222	Life Time Estimation under Probabilistic Fatigue of Cracked Plates for Multiple Limits States. , 2009, , .		2
223	Probabilistic Solution of Rational Difference Equations System with Random Parameters. ISRN Applied Mathematics, 2012, 2012, 1-6.	0.5	2
224	XML Parser GUI using .NET Technology. IERI Procedia, 2012, 2, 554-560.	0.3	2
225	An Automated System to Predict Popular Cybersecurity News Using Document Embeddings. CMES - Computer Modeling in Engineering and Sciences, 2021, 127, 533-547.	0.8	2
226	Statistical Development of the V_{SQ}-Control Chart for Extreme Data with an Application to the Carbon Fiber Industry. Mathematical Problems in Engineering, 2021, 2021, 1-11.	0.6	2
227	Examination of the Role of miR-23a in the Development of Thermotolerance. Current Molecular Medicine, 2020, 20, 194-201.	0.6	2
228	The Probabilistic Transformation Method in Reliability-Based Design Optimization. Journal of Applied Sciences, 2008, 8, 4198-4203.	0.1	2
229	New design of Robotics Remote lab. International Journal of Advanced Computer Science and Applications, 2012, 3, .	0.5	2
230	On the Improvement of Weighted Page Content Rank. Journal of Advances in Computer Networks, 2013, , 110-114.	0.2	2
231	On the Improvement of Multi-nary Content Addressable Memory. British Journal of Mathematics & Computer Science, 2013, 3, 135-152.	0.3	2
232	SYSTEM REQUIREMENT ANALYSIS FOR E-LEARNING EDUCATIONAL TABLET AT HIGHER EDUCATION. , 2016, , .		2
233	Stress causes and outcomes statistical analysis. Biometrics & Biostatistics International Journal, 2018, 7, .	0.2	2
234	Lifetime Analytic Prognostic for Petrochemical Pipes Subject to Fatigue. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 707-713.	0.4	1

#	Article	IF	Citations
235	Modern probability philosophy: historical study. International Journal of Academic Research, 2013, 5, 64-66.	0.1	1
236	Statistics and Probability. , 2014, , 113-123.		1
237	A general iterative method for solving a certain class of optimization problems. , 2017, , .		1
238	Optimization of Correlation Filters Using Extended Particle Swarm Optimization Technique. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-13.	0.7	1
239	COOPERATIVE ACTIVE LEARNING METHODOLOGY IN MATHEMATICS. EDULEARN Proceedings, 2016, , .	0.0	1
240	The Applications of Simulation Modeling in Emergency Departments. Advances in Healthcare Information Systems and Administration Book Series, 0, , 94-125.	0.2	1
241	Estimating Key Performance Indicators of a New Emergency Department Model. , 2020, , 580-598.		1
242	Probabilistic Analysis of Eigenvalue of Stochastic Systems. Journal of Applied Sciences, 2007, 7, 565-569.	0.1	1
243	An Effective Method for Exact Reliability Analysis. Journal of Applied Sciences, 2007, 7, 2333-2338.	0.1	1
244	Toward New Vision of XLINK. Lecture Notes in Computer Science, 2011, , 131-146.	1.0	1
245	A Novel Skew Estimation Approach Based on Same Height Grouping. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2014, 7, 421-432.	0.2	1
246	Accurate, Fast and Noiseless Image Binarization. Statistics, Optimization and Information Computing, 2016, 4, .	0.4	1
247	Theoretical Concepts of Network Analysis. Advanced Information and Knowledge Processing, 2017, , 1-32.	0.2	1
248	On The Distribution of The Ratio of Two Hyper-Erlang Random Variables. Applied Mathematics and Information Sciences, 2017, 11, 177-182.	0.7	1
249	Tablet Use in Teaching: A Study on Developing an Attitude Scale for Academics. Egitim Arastirmalari - Eurasian Journal of Educational Research, 2018, 18, 1-29.	0.7	1
250	About of the asymptotical stability of solutions of systems of ordinary differential equations. AIP Conference Proceedings, 2020, , .	0.3	1
251	Investigation of the stability of solutions of systems of ordinary differential equations. AIP Conference Proceedings, 2020, , .	0.3	1
252	The Applications of Simulation Modeling in Emergency Departments. , 0, , 1014-1045.		1

#	Article	IF	Citations
253	Analysis of a non-linear system by a new technique based on the Continuation method. Applied Mathematics and Computation, 2007, 187, 1298-1307.	1.4	0
254	A Novel SFEM Algorithm Using the Probabilistic Transformation Method. , 2009, , .		0
255	Symposium on Recent Advances and Current Research in the Stochastic Finite Element Method and its Applications. , 2009, , .		0
256	Preface of the symposium â€œRecent Advances and Current Research on the Difference Equations and its Applicationsâ€. , 2011, , .		0
257	Analytic Solution of the Stochastic System of Rational Difference Equations x[sub n]â€‰=â€‰ay[sub nâˆ’p],y[sub n]â€‰=â€‰bx[sub n+pâˆ’2]. , 2011, , .		0
258	Solutions behavior of the system of rational difference equations x[sub n+1]â€‰=â€‰ax[sub n]+y[sub n], y[sub n+1]â€‰=â€‰by[sub n]x[sub n]. , 2012, , .		0
259	Preface of the "Symposium on recent advances and current research on the difference equations and its applications". , 2012, , .		0
260	Green WSUS. Energy Procedia, 2012, 16, 1059-1065.	1.8	0
261	A Novel Solution to a Strategic Learning Search Problem. IERI Procedia, 2012, 2, 649-654.	0.3	0
262	On the Theory of Stochastic Transformation Method. Advanced Materials Research, 2013, 702, 304-309.	0.3	0
263	When Kolmogorov philosophy meets the imaginary numbers. Journal of Mathematics and Technology, 2013, 4, 32-35.	0.0	0
264	A closed form solution of a system of linear difference equations. , 2013, , .		0
265	Preface of the â€œSymposium on recent advances and current research on the difference equations and its applicationsâ€. , 2013, , .		0
266	Reading skewed images without image rotation. , 2014, , .		0
267	Analytic Geometry and Trigonometry. , 2014, , 53-64.		0
268	Financial Mathematics. , 2014, , 125-129.		0
269	Elementary Algebra. , 2014, , 17-30.		0
270	Symbols and Special Numbers. , 2014, , 1-16.		0

#	Article	IF	Citations
271	Monte Carlo Simulation Using Excel. , 0, , .		0
272	Accurate, swift and noiseless image binarization. , 2015, , .		0
273	Quality-Assurance Assessment of Learning Outcomes in Mathematics. International Journal of Quality Assurance in Engineering and Technology Education, 2015, 4, 37-48.	0.1	0
274	A New Hybrid Simulated Annealing Algorithm for Large Scale Global Optimization. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2015, 5, 24-36.	0.3	0
275	A novel design of management senior project for engineering students. , 2015, , .		0
276	Preface of the â€œSymposium on Recent Advances and Current Research on the Difference Equations and its Applicationsâ€. AIP Conference Proceedings, 2016, , .	0.3	0
277	On the periodic solutions of the difference equations $x_{n+1}=a+bx_nx_{n-1}$ and $x_{n+1}=a+bx_{n-1}x_n+cx_nx_{n-1}$. AIP Conference Proceedings, 2016, , .	0.3	0
278	â€œRecent advances and current research on the difference equations and its applicationsâ€. AIP Conference Proceedings, 2017, , .	0.3	0
279	Apache Spark and cluster analysis for expert finding. International Journal of Knowledge Engineering and Data Mining, 2017, 4, 297.	0.0	0
280	Molecular Dynamics Simulations and the Landauerâ€™s Principle. Open Systems and Information Dynamics, 2018, 25, 1850006.	0.5	0
281	Preface of the Symposium â€œRecent Advances and Current Research on the Difference Equations and its Applicationsâ€. AIP Conference Proceedings, 2019, , .	0.3	0
282	On estimation for numbers of periodic and almost periodic solutions of first-order ordinary differential equations. AIP Conference Proceedings, 2020, , .	0.3	0
283	Advanced microprocessor optimization methods for the Internet of Things. Transactions on Emerging Telecommunications Technologies, 2020, 31, e4187.	2.6	0
284	On the Enhancement of TCP Protocol. Lecture Notes in Electrical Engineering, 2011, , 261-270.	0.3	0
285	Traffic Control of Two Parallel Stations Using the Optimal Dynamic Assignment Policy. Advances in Civil and Industrial Engineering Book Series, 2012, , 372-389.	0.2	0
286	On the Improvement of Cost-Effectiveness. , 2012, , 68-88.		0
287	First comprehensive design of XLINK. International Journal of Applied Science and Engineering Research, 2012, 1, .	0.2	0
288	Green Process Management using Six Sigma Concepts. , 2013, , 48-61.		0

#	Article	IF	Citations
289	Stochastic Fatigue of a Mechanical System Using Random Transformation Technique. , 2013, , 182-188.		0
290	History of the Modern Probability Philosophy. Open Journal of Philosophy, 2014, 04, 130-133.	0.1	0
291	Green Cloud Computing. Advances in Data Mining and Database Management Book Series, 2014, , 508-533.	0.4	0
292	Monte Carlo Simulation Using Excel: Case Study in Financial Forecasting. , 2015, , 263-289.		0
293	New MLFQ Scheduling Algorithm for Operating Systems Using Dynamic quantum. Statistics, Optimization and Information Computing, 2015, 3, .	0.4	0
294	A novel approach in Multi-hop networks technology with the ratio distribution of two Hyper-Erlang random variables. Statistics, Optimization and Information Computing, 2015, 3, .	0.4	0
295	Network Basics. Advanced Information and Knowledge Processing, 2017, , 33-47.	0.2	0
296	Node-Level Analysis. Advanced Information and Knowledge Processing, 2017, , 79-111.	0.2	0
297	Group-Level Analysis. Advanced Information and Knowledge Processing, 2017, , 113-146.	0.2	0
298	Network-Level Analysis. Advanced Information and Knowledge Processing, 2017, , 147-164.	0.2	0
299	Apache Spark and Cluster Analysis for Expert Finding. International Journal of Knowledge Engineering and Data Mining, 2017, 4, 1.	0.0	0
300	Emergency Department Simulation: Proposed Model and Optimization. International Review on Computers and Software, 2017, 12, 172.	0.1	0
301	Factors Influencing Patients' Satisfaction. Advances in Mechatronics and Mechanical Engineering, 2018, , 61-73.	1.0	0
302	Review of Recent Developments in Microwave Power Divider. International Journal on Communications Antenna and Propagation, 2018, 8, 315.	0.2	0
303	Preface of the Symposium: â€œRecent Advances and Current Research on the Difference Equations and its Applicationsâ€. AIP Conference Proceedings, 2020, , .	0.3	0
304	Possible solutions of a linear homogeneous system of differential equations. AIP Conference Proceedings, 2020, , .	0.3	0
305	SNA Measures and Usersâ€™ Interactions. , 2021, , 65-78.		0
306	Data Acquisition. , 2021, , 31-36.		0

#	Article	IF	Citations
307	Detecting Communities in Online Learning Repository. , 2021, , 57-64.		0
308	Call for Special Issue Papers: Deep Learning Blockchain-enabled Technology for Improved Healthcare Industrial Systems. Acta Informatica Pragensia, 2022, 11, 141-144.	0.7	0
309	Mathematical models of control processes and stability in problems of mechanics. AIP Conference Proceedings, 2022, , .	0.3	0
310	Preface Symposium 9: Recent Advances and Current Research on the Difference Equations and its Applications. AIP Conference Proceedings, 2022, , .	0.3	0
311	Path optimization for D-star algorithm modification. AIP Conference Proceedings, 2022, , .	0.3	0
312	Study of control systems with transistor keys. AIP Conference Proceedings, 2022, , .	0.3	0
313	A One-Dimensional Transformation Method for Reliability Analysis. , 0, , .		0
314	The Random Eigenvalue Problem for Stochastic Systems. , 0, , .		0
315	Augmentation of contextual knowledge based on domain dominant words for IoT applications interoperability. Indonesian Journal of Electrical Engineering and Computer Science, 2022, 27, 504.	0.7	0