Suresh Chandra Satapathy

List of Publications by Year
in descending order

168
papers	4,884
citations	94433
37
h-index	110387
64
g-index
174
all docs	174
docs citations	174
times ranked	2992
citing authors

#	Article	IF	Citations
1	Deep-learning framework to detect lung abnormality – A study with chest X-Ray and lung CT scan images. Pattern Recognition Letters, 2020, 129, 271-278.	4.2	263
2	Entropy based segmentation of tumor from brain MR images – a study with teaching learning based optimization. Pattern Recognition Letters, 2017, 94, 87-95.	4.2	210
3	Improved Breast Cancer Classification Through Combining Graph Convolutional Network and Convolutional Neural Network. Information Processing and Management, 2021, 58, 102439.	8.6	205
4	Industrial Internet of Things and its Applications in Industry 4.0: State of The Art. Computer Communications, 2021, 166, 125-139.	5.1	197
5	Social group optimization (SGO): a new population evolutionary optimization technique. Complex & Intelligent Systems, 2016, 2, 173-203.	6.5	183
6	Multi-level image thresholding using Otsu and chaotic bat algorithm. Neural Computing and Applications, 2018, 29, 1285-1307.	5.6	166
7	Socio evolution & learning optimization algorithm: A socio-inspired optimization methodology. Future Generation Computer Systems, 2018, 81, 252-272.	7.5	152
8	An integrated design of particle swarm optimization (PSO) with fusion of features for detection of brain tumor. Pattern Recognition Letters, 2020, 129, 150-157.	4.2	127
9	Gastrointestinal diseases segmentation and classification based on duo-deep architectures. Pattern Recognition Letters, 2020, 131, 193-204.	4.2	111
10	Modified Teaching–Learning-Based Optimization algorithm for global numerical optimization—A comparative study. Swarm and Evolutionary Computation, 2014, 16, 28-37.	8.1	110
11	Lungs cancer classification from CT images: An integrated design of contrast based classical features fusion and selection. Pattern Recognition Letters, 2020, 129, 77-85.	4.2	104
12	A Survey on Parallel Particle Swarm Optimization Algorithms. Arabian Journal for Science and Engineering, 2019, 44, 2899-2923.	3.0	103
13	Segmentation of Ischemic Stroke Lesion in Brain MRI Based on Social Group Optimization and Fuzzy-Tsallis Entropy. Arabian Journal for Science and Engineering, 2018, 43, 4365-4378.	3.0	95
14	Contrast enhanced medical MRI evaluation using Tsallis entropy and region growing segmentation. Journal of Ambient Intelligence and Humanized Computing, 2018, , 1.	4.9	93
15	A teaching learning based optimization based on orthogonal design for solving global optimization problems. SpringerPlus, 2013, 2, 130.	1.2	84
16	A new approach for classification skin lesion based on transfer learning, deep learning, and IoT system. Pattern Recognition Letters, 2020, 136, 8-15.	4.2	79
17	Automatic Detection of White Blood Cancer From Bone Marrow Microscopic Images Using Convolutional Neural Networks. IEEE Access, 2020, 8, 142521-142531.	4.2	78
18	Automated detection of diabetic retinopathy using convolutional neural networks on a small dataset. Pattern Recognition Letters, 2020, 135, 293-298.	4.2	75

#	Article	IF	Citations
19	Improved prediction of daily pan evaporation using Deep-LSTM model. Neural Computing and Applications, 2020, 32, 7823-7838.	5.6	73
20	SARS-Net: COVID-19 detection from chest x-rays by combining graph convolutional network and convolutional neural network. Pattern Recognition, 2022, 122, 108255.	8.1	72
21	Data Clustering Based on Teaching-Learning-Based Optimization. Lecture Notes in Computer Science, 2011, , 148-156.	1.3	69
22	Otsu's Multi-Thresholding and Active Contour Snake Model to Segment Dermoscopy Images. Journal of Medical Imaging and Health Informatics, 2017, 7, 1837-1840.	0.3	68
23	Segmentation of Breast Thermal Images Using Kapur's Entropy and Hidden Markov Random Field. Journal of Medical Imaging and Health Informatics, 2017, 7, 1825-1829.	0.3	67
24	VGG19 Network Assisted Joint Segmentation and Classification of Lung Nodules in CT Images. Diagnostics, 2021, 11, 2208.	2.6	63
25	Social group optimization for global optimization of multimodal functions and data clustering problems. Neural Computing and Applications, 2018, 30, 271-287.	5.6	62
26	A five-layer deep convolutional neural network with stochastic pooling for chest CT-based COVID-19 diagnosis. Machine Vision and Applications, 2021, 32, 14.	2.7	62
27	A multilevel paradigm for deep convolutional neural network features selection with an application to human gait recognition. Expert Systems, 2022, 39, e12541.	4.5	58
28	An approach to examine Magnetic Resonance Angiography based on Tsallis entropy and deformable snake model. Future Generation Computer Systems, 2018, 85, 160-172.	7.5	56
29	Software reusability metrics estimation: Algorithms, models and optimization techniques. Computers and Electrical Engineering, 2018, 69, 653-668.	4.8	53
30	Weighted Teaching-Learning-Based Optimization for Global Function Optimization. Applied Mathematics, 2013, 04, 429-439.	0.4	53
31	Detection of COVID-19 from speech signal using bio-inspired based cepstral features. Pattern Recognition, 2021, 117, 107999.	8.1	51
32	Modified Social Group Optimizationâ€"a meta-heuristic algorithm to solve short-term hydrothermal scheduling. Applied Soft Computing Journal, 2020, 95, 106524.	7.2	49
33	DWT-PCA Image Fusion Technique to Improve Segmentation Accuracy in Brain Tumor Analysis. Lecture Notes in Electrical Engineering, 2018, , 453-462.	0.4	48
34	Heart disease detection using deep learning methods from imbalanced ECG samples. Biomedical Signal Processing and Control, 2021, 68, 102820.	5.7	48
35	Local diagonal extrema number pattern: A new feature descriptor for face recognition. Future Generation Computer Systems, 2018, 81, 297-306.	7.5	43
36	AI-Based Mobile Edge Computing for IoT: Applications, Challenges, and Future Scope. Arabian Journal for Science and Engineering, 2022, 47, 9801-9831.	3.0	42

#	Article	IF	Citations
37	Jaya Algorithm Guided Procedure to Segment Tumor from Brain MRI. Journal of Optimization, 2018, 2018, 1-12.	6.0	41
38	COVID-19 Diagnosis via DenseNet and Optimization of Transfer Learning Setting. Cognitive Computation, 2021, , 1-17.	5.2	41
39	Identifying cyber insecurities in trustworthy space and energy sector for smart grids. Computers and Electrical Engineering, 2021, 93, 107204.	4.8	40
40	Drug traceability and transparency in medical supply chain using blockchain for easing the process and creating trust between stakeholders and consumers. Personal and Ubiquitous Computing, 2024, 28, 75-91.	2.8	39
41	Lane detection under artificial colored light in tunnels and on highways: an IoT-based framework for smart city infrastructure. Complex & Intelligent Systems, 2023, 9, 3601-3612.	6.5	37
42	Design of Controller for Automatic Voltage Regulator Using Teaching Learning Based Optimization. Procedia Technology, 2015, 21, 295-302.	1.1	36
43	Fingerspelling Identification for Chinese Sign Language via AlexNet-Based Transfer Learning and Adam Optimizer. Scientific Programming, 2020, 2020, 1-13.	0.7	36
44	Performance evaluation of objective functions in automatic generation control of thermal power system using ant colony optimization technique-designed proportional–integral–derivative controller. Electrical Engineering, 2018, 100, 895-911.	2.0	35
45	Shannon's Entropy and Watershed Algorithm Based Technique to Inspect Ischemic Stroke Wound. Smart Innovation, Systems and Technologies, 2019, , 23-31.	0.6	35
46	Cost-effective and fault-resilient reusability prediction model by using adaptive genetic algorithm based neural network for web-of-service applications. Cluster Computing, 2019, 22, 14559-14581.	5.0	35
47	Skin Melanoma Assessment Using Kapur's Entropy and Level Set—A Study with Bat Algorithm. Smart Innovation, Systems and Technologies, 2019, , 193-202.	0.6	34
48	Improvement of Initial Cluster Center of C-means using Teaching Learning based Optimization. Procedia Technology, 2012, 6, 428-435.	1.1	32
49	Robust Color Image Multi-thresholding Using Between-Class Variance and Cuckoo Search Algorithm. Advances in Intelligent Systems and Computing, 2016, , 379-386.	0.6	32
50	An Improved Mammogram Classification Approach Using Back Propagation Neural Network. Advances in Intelligent Systems and Computing, 2018, , 369-376.	0.6	29
51	Real time human action recognition using triggered frame extraction and a typical CNN heuristic. Pattern Recognition Letters, 2020, 135, 329-336.	4.2	28
52	Improving ductal carcinoma in situ classification by convolutional neural network with exponential linear unit and rank-based weighted pooling. Complex & Intelligent Systems, 2021, 7, 1295-1310.	6.5	26
53	Improved teaching learning based optimization for global function optimization. Decision Science Letters, 2013, 2, 23-34.	1.2	25
54	A Survey on Artificial Intelligence in Chinese Sign Language Recognition. Arabian Journal for Science and Engineering, 2020, 45, 9859-9894.	3.0	25

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55	Particle swarm optimized multiple regression linear model for data classification. Applied Soft Computing Journal, 2009, 9, 470-476.	7.2	24
56	Past present future: a new human-based algorithm for stochastic optimization. Soft Computing, 2021, 25, 12915-12976.	3.6	24
57	Optimizing feature selection in video-based recognition using Max–Min Ant System for the online video contextual advertisement user-oriented system. Journal of Computational Science, 2017, 21, 361-370.	2.9	23
58	Extensive review of cloud resource management techniques in industry 4.0: Issue and challenges. Software - Practice and Experience, 2021, 51, 2373-2392.	3.6	20
59	A comparative study of social group optimization with a few recent optimization algorithms. Complex & Intelligent Systems, 2021, 7, 249-295.	6.5	20
60	Prediction of coefficient of consolidation in soil using machine learning techniques. Microprocessors and Microsystems, 2021, 82, 103830.	2.8	20
61	Identifying the Reusable Components from Component-Based System: Proposed Metrics and Model. Advances in Intelligent Systems and Computing, 2019, , 89-99.	0.6	19
62	Enhanced evolutionary computing based artificial intelligence model for web-solutions software reusability estimation. Cluster Computing, 2019, 22, 9787-9804.	5.0	18
63	RGB image multi-thresholding based on Kapur's entropy â€" A study with heuristic algorithms. , 2017, , .		17
64	Kapur's Entropy and Active Contour-Based Segmentation and Analysis of Retinal Optic Disc. Lecture Notes in Electrical Engineering, 2018, , 287-295.	0.4	17
65	An edge based hybrid intrusion detection framework for mobile edge computing. Complex & Intelligent Systems, 2022, 8, 3719-3746.	6.5	16
66	Deep Fractional Max Pooling Neural Network for COVID-19 Recognition. Frontiers in Public Health, 2021, 9, 726144.	2.7	16
67	A Systematic Review of Medical Equipment Reliability Assessment in Improving the Quality of Healthcare Services. Frontiers in Public Health, 2021, 9, 753951.	2.7	16
68	An improved statistical approach for moving object detection in thermal video frames. Multimedia Tools and Applications, 2022, 81, 9289-9311.	3.9	16
69	High dimensional real parameter optimization with teaching learning based optimization. International Journal of Industrial Engineering Computations, 2012, 3, 807-816.	0.7	15
70	Fruit category classification by fractional Fourier entropy with rotation angle vector grid and stacked sparse autoencoder. Expert Systems, 2022, 39, .	4.5	15
71	Brain tumor segmentation and overall survival period prediction in glioblastoma multiforme using radiomic features. Concurrency Computation Practice and Experience, 2022, 34, e6501.	2.2	15
72	Brain Tumor Segmentation of MRI Images Using Processed Image Driven U-Net Architecture. Computers, 2021, 10, 139.	3.3	15

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73	Kalman particle swarm optimized polynomials for data classification. Applied Mathematical Modelling, 2012, 36, 115-126.	4.2	14
74	Multi keyword searchable attribute based encryption for efficient retrieval of health Records in Cloud. Multimedia Tools and Applications, 2022, 81, 22065-22085.	3.9	14
75	Evaluation of Ischemic Stroke Region From CT/MR Images Using Hybrid Image Processing Techniques. Advances in Multimedia and Interactive Technologies Book Series, 2018, , 194-219.	0.2	14
76	Secondary Pulmonary Tuberculosis Identification Via pseudo-Zernike Moment and Deep Stacked Sparse Autoencoder. Journal of Grid Computing, 2022, 20, 1.	3.9	14
77	Ant Colony Optimization Based Anisotropic Diffusion Approach for Despeckling of SAR Images. Lecture Notes in Computer Science, 2016, , 389-396.	1.3	13
78	Brain Tumour Segmentation with a Muti-Pathway ResNet Based UNet. Journal of Grid Computing, 2021, 19, 1.	3.9	13
79	Social group optimization algorithm for civil engineering structural health monitoring. Engineering Optimization, 2021, 53, 1651-1670.	2.6	12
80	An Automated Lightweight Deep Neural Network for Diagnosis of COVID-19 from Chest X-ray Images. Arabian Journal for Science and Engineering, 2023, 48, 11085-11102.	3.0	12
81	ANN-Based Classification of Mammograms Using Nonlinear Preprocessing. Lecture Notes in Electrical Engineering, 2018, , 375-382.	0.4	12
82	Segmentation of MRI Brain Tumor Image using Optimization based Deep Convolutional Neural networks (DCNN). Open Computer Science, 2021, 11, 380-390.	1.7	11
83	A Cybertwin-Based 6G Cooperative IoE Communication Network: Secrecy Outage Analysis. IEEE Transactions on Industrial Informatics, 2022, 18, 4922-4932.	11.3	11
84	Prioritisation Assessment and Robust Predictive System for Medical Equipment: A Comprehensive Strategic Maintenance Management. Frontiers in Public Health, 2021, 9, 782203.	2.7	11
85	0-1 Integer Programming for Generation Maintenance Scheduling in Power Systems Based on Teaching Learning Based Optimization (TLBO). Communications in Computer and Information Science, 2012, , 53-63.	0.5	10
86	Software reusability metrics prediction by using evolutionary algorithms: The interactive mobile learning application RozGaar. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2018, 22, 261-276.	1.0	10
87	Financial time series prediction using distributed machine learning techniques. Neural Computing and Applications, 2019, 31, 3369-3384.	5.6	10
88	Multiple Instance Learning with Genetic Pooling for medical data analysis. Pattern Recognition Letters, 2020, 133, 247-255.	4.2	10
89	A Common Capacitor Based Three Level STATCOM and Design of DFIG Converter for a Zero-Voltage Fault Ride-Through Capability. IEEE Access, 2021, 9, 105153-105179.	4.2	10
90	Featureâ€versus deep learningâ€based approaches for the automated detection of brain tumor with magnetic resonance images: A comparative study. International Journal of Imaging Systems and Technology, 2022, 32, 501-516.	4.1	10

#	Article	IF	Citations
91	Unsupervised feature selection using rough set and teaching learning-based optimisation. International Journal of Artificial Intelligence and Soft Computing, 2013, 3, 244.	0.1	9
92	Genetic algorithm based key sequence generation for cipher system. Pattern Recognition Letters, 2020, 133, 341-348.	4.2	9
93	Real-Time Identification of Fuzzy PID-Controlled Maglev System using TLBO-Based Functional Link Artificial Neural Network. Arabian Journal for Science and Engineering, 2021, 46, 4103-4118.	3.0	9
94	A new adaptive tuned Social Group Optimization (SGO) algorithm with sigmoid-adaptive inertia weight for solving engineering design problems. Multimedia Tools and Applications, 2024, 83, 3021-3055.	3.9	9
95	An exhaustive review of machine and deep learning based diagnosis of heart diseases. Multimedia Tools and Applications, 2022, 81, 36069-36127.	3.9	9
96	QoS Multicast Routing Using Teaching Learning Based Optimization. Advances in Intelligent Systems and Computing, 2013, , 49-55.	0.6	8
97	ALBERT-based fine-tuning model for cyberbullying analysis. Multimedia Systems, 2022, 28, 1941-1949.	4.7	8
98	Deep Convolutional Neural Network (Falcon) and transfer learning‐based approach to detect malarial parasite. Multimedia Tools and Applications, 2022, 81, 13237-13251.	3.9	8
99	Inspection of Crop-Weed Image Database Using Kapur's Entropy and Spider Monkey Optimization. Advances in Intelligent Systems and Computing, 2020, , 405-414.	0.6	8
100	Teaching Learning Based Optimization for Neural Networks Learning Enhancement. Lecture Notes in Computer Science, 2012, , 761-769.	1.3	7
101	Software Reusability Metrics Estimation From the Social Media by Using Evolutionary Algorithms. International Journal of Open Source Software and Processes, 2019, 10, 21-36.	0.6	7
102	<scp>MOSQUITO‐NET</scp>: A deep learning based <scp>CADx</scp> system for malaria diagnosis along with model interpretation using <scp>GradCam</scp> and class activation maps. Expert Systems, 2022, 39, e12695.	4.5	7
103	An Approach to Examine Brain Tumor Based on Kapur's Entropy and Chan–Vese Algorithm. Advances in Intelligent Systems and Computing, 2019, , 901-909.	0.6	7
104	Improved heart disease detection from ECG signal using deep learning based ensemble model. Sustainable Computing: Informatics and Systems, 2022, 35, 100732.	2.2	7
105	Particle Swarm Optimized Polynomials for Data Classification. , 2006, , .		6
106	An Optimized Anisotropic Diffusion Approach for Despeckling of SAR Images. Communications in Computer and Information Science, 2016, , 134-140.	0.5	6
107	Intelligent Computing in Multidisciplinary Engineering Applications. Arabian Journal for Science and Engineering, 2018, 43, 3861-3862.	3.0	6
108	A comprehensive survey on image enhancement techniques with special emphasis on infrared images. Multimedia Tools and Applications, 2022, 81, 9045-9077.	3.9	6

#	ARTICLE	IF	CITATIONS
109	Stroke Lesion Segmentation and Analysis using Entropy/Otsuâ€™s Function â€" A Study with Social Group Optimization. Current Bioinformatics, 2019, 14, 305-313.	1.5	6
110	Genetic Algorithm for Optimizing Neural Network Based Software Cost Estimation. Lecture Notes in Computer Science, 2011, , 233-239.	1.3	6
111	TrIDS: an intelligent behavioural trust based IDS for smart healthcare system. Cluster Computing, 2023, 26, 903-925.	5.0	6
112	A Study of Roulette Wheel and Elite Selection on GA to Solve Job Shop Scheduling. Advances in Intelligent Systems and Computing, 2013, , 477-485.	0.6	5
113	Analysis of net asset value prediction using low complexity neural network with various expansion techniques. Evolutionary Intelligence, 2021, 14, 643-655.	3.6	5
114	Cooperative Teachingâ€"Learning Based Optimisation for Global Function Optimisation. International Journal of Applied Research on Information Technology and Computing, 2013, 4, 1.	0.1	5
115	A scalable genetic programming multi-class ensemble classifier. , 2009, , .		4
116	Homomorphic encryption for secure information retrieval from the cloud. , 2016, , .		4
117	PBTNet: A New Computer-Aided Diagnosis System for Detecting Primary Brain Tumors. Frontiers in Cell and Developmental Biology, 2021, 9, 765654.	3.7	4
118	A Modified and Efficient Shuffled Frog Leaping Algorithm (MSFLA) for Unsupervised Data Clustering. Communications in Computer and Information Science, 2011, , 543-551.	0.5	3
119	A Parallel Hybridization of Clonal Selection with Shuffled Frog Leaping Algorithm for Solving Global Optimization Problems (P-AISFLA). Lecture Notes in Computer Science, 2011, , 211-222.	1.3	3
120	Performance of Teaching Learning Based Optimization Algorithm with Various Teaching Factor Values for Solving Optimization Problems. Advances in Intelligent Systems and Computing, 2014, , 207-216.	0.6	3
121	An automation API for authentication and security for file uploads in the cloud storage environment. Intelligent Decision Technologies, 2020, 14, 393-407.	0.9	3
122	Development of statistical estimators for speech enhancement using multi-objective grey wolf optimizer. Evolutionary Intelligence, 2021, 14, 767-778.	3.6	3
123	Importance of data preprocessing in time series prediction using SARIMA: A case study. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2021, 24, 331-342.	1.0	3
124	<scp>DAEâ€‘GAN</scp>: An <scp>autoencoder</scp> based adversarial network for Gaussian denoising. Expert Systems, 0, , e12709.	4.5	3
125	Correlation based malicious traffic analysis system. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2021, 25, 195-200.	1.0	3
126	A Survey on Fault Management Techniques in Distributed Computing. Advances in Intelligent Systems and Computing, 2013, , 593-602.	0.6	3

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127	Extraction of Cancer Section from 2D Breast MRI Slice Using Brain Strom Optimization. Advances in Intelligent Systems and Computing, 2021, , 731-739.	0.6	3
128	A decentralized open web cryptographic standard. Computers and Electrical Engineering, 2022, 99, 107751.	4.8	3
129	A New Approach of Integrating PSO &#x00026; Improved GA for Clustering with Parallel and Transitional Technique. , 2007, , .		2
130	An efficient cloud based face recognition system for e-health secured login using steerable pyramid transform and local directional pattern. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 1017-1027.	4.9	2
131	Software reusability metrics prediction and cost estimation by using machine learning algorithms. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2020, 23, 317-328.	1.0	2
132	MMAS Algorithm and Nash Equilibrium to Solve Multi-round Procurement Problem. Lecture Notes in Electrical Engineering, 2021, , 273-284.	0.4	2
133	Brain Tumour Temporal Monitoring of Interval Change Using Digital Image Subtraction Technique. Frontiers in Public Health, 2021, 9, 752509.	2.7	2
134	A Comparative Analysis of Results of Data Clustering with Variants of Particle Swarm Optimization. Lecture Notes in Computer Science, 2013, , 180-192.	1.3	2
135	Teaching Learning Based Optimized Mathematical Model for Data Classification Problems. Advances in Intelligent Systems and Computing, 2013, , 487-496.	0.6	2
136	Utility of an object-oriented metrics component: examining the feasibility of .Net and C# object-oriented program from the perspective of mobile learning. International Journal of Mobile Learning and Organisation, 2018, 12, 263.	0.3	2
137	A Software Tool for Data Clustering Using Particle Swarm Optimization. Lecture Notes in Computer Science, 2010, , 278-285.	1.3	2
138	A Comparative Study of CSO and PSO Trained Artificial Neural Network for Stock Market Prediction. Communications in Computer and Information Science, 2011, , 186-195.	0.5	2
139	Use of Evolutionary Algorithms for Detection of Fatal Diseases via DNA Micro-array Classification: A Review. Lecture Notes in Networks and Systems, 2021, , 649-656.	0.7	2
140	Minimal ANN (MANN) model for data classification. , 2009, , .		1
141	Data Clustering Using Modified Fuzzy-PSO (MFPSO). Lecture Notes in Computer Science, 2011, , 136-146.	1.3	1
142	Estimation of complexity by using an object oriented metrics approach and its proposed algorithm and models. International Journal of Networking and Virtual Organisations, 2019, 21, 43.	0.2	1
143	Categorization of Intercloud users and auto-scaling of resources. Evolutionary Intelligence, 2021, 14, 369-379.	3.6	1
144	Glaucoma Detection Using Morphological Filters and GLCM Features. Smart Innovation, Systems and Technologies, 2021, , 627-635.	0.6	1

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145	Correlation-Based Analysis of COVID-19 Virus Genome Versus Other Fatal Virus Genomes. Arabian Journal for Science and Engineering, 2021, , 1-13.	3.0	1
146	Efficient Clustering of Dataset Based on Differential Evolution. Advances in Intelligent Systems and Computing, 2014, , 217-227.	0.6	1
147	Complexity estimation by using multiparadigm approach: a proposed metrics and algorithms. International Journal of Networking and Virtual Organisations, 2019, 21, 201.	0.2	1
148	A Study of Decision Tree Induction for Data Stream Mining Using Boosting Genetic Programming Classifier. Lecture Notes in Computer Science, 2011, , 315-322.	1.3	1
149	D-Pattern Evolving and Inner Pattern Evolving for High Performance Text Mining. Advances in Intelligent Systems and Computing, 2014, , 501-507.	0.6	1
150	Skin Melanoma Assessment with Machine-Learning Approach—A Study. Smart Innovation, Systems and Technologies, 2020, , 759-766.	0.6	1
151	A Study on Mining of Tumor Pixel Group in Flair Modality Brain MRI. Smart Innovation, Systems and Technologies, 2020, , 741-749.	0.6	1
152	Segmentation and Assessment of Leukocytes Using Entropy-Based Procedure. Advances in Intelligent Systems and Computing, 2021, , 691-699.	0.6	1
153	Optimal instructional methods for engineering studies. , 2015, , .		0
154	Multi-focus Image Fusion Method Using 2D-Wavelet Analysis and PCA. Smart Innovation, Systems and Technologies, 2018, , 616-623.	0.6	0
155	Redundancy Removal of Shifted Keys Using Pseudo Random Bit Generators in Wireless Sensor Network. , 2018, , .		0
156	Social Group Optimization Assisted Image Processing Practice to Extract Retinal Optic Disc/Cup. , 2018, , .		0
157	Distributed machine learning strategies for efficient development of direct and inverse nonlinear and IIR models. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 1103-1114.	4.9	0
158	Medical Data Assessment with Traditional, Machine-learning and Deeplearning Techniques. Current Medical Imaging, 2021, 16, 1185-1186.	0.8	0
159	Evolutionary intelligence techniques for humanized computing. Evolutionary Intelligence, 2021, 14, 203-203.	3.6	0
160	GP Boosting Classification on Concept Drifting Data Streams. Advances in Intelligent and Soft Computing, 2012, , 265-272.	0.2	0
161	An Eminent Approach of Fault Management Using Proactive and Reactive Techniques in Distributed Computing. Advances in Intelligent Systems and Computing, 2013, , 603-611.	0.6	0
162	Numerical Optimization of Novel Functions Using vTLBO Algorithm. Advances in Intelligent Systems and Computing, 2014, , 229-247.	0.6	0

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163	Modified Non Linear Diffusion Approach for Multiplicative Noise. Advances in Intelligent Systems and Computing, 2017, , 343-350.	0.6	0
164	Image Assisted Assessment of Cancer Segment from Dermoscopy Images. Advances in Intelligent Systems and Computing, 2021, , 701-710.	0.6	0
165	Extraction of Leukocyte Section from Digital Microscopy Picture with Image Processing Method. Advances in Intelligent Systems and Computing, 2021, , 663-670.	0.6	0
166	Dimensionality Reduction and Evaluation in Hyperspectral Images using LSTM Models. , 2021, , .		0
167	Stability analysis based parameter tuning of Social Group Optimization. Complex & Intelligent Systems, 2022, , 1-27.	6.5	0
168	An Image Examination System for Retinal Optic Disc Mining and Analysis With Social Group Optimization Algorithm. International Journal of Swarm Intelligence Research, 2022, 13, 1-17.	0.7	0