Hari Mohan Pandey

List of Publications by Year
in descending order

96 papers	**2,239** citations	279798 **23** h-index	276875 **41** g-index
99 all docs	**99** docs citations	**99** times ranked	**1701** citing authors

#	ARTICLE	IF	CITATIONS
1	Pixel and Feature Transfer Fusion for Unsupervised Cross-Dataset Person Reidentification. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-13.	11.3	51
2	Hybrid bio-inspired algorithm and convolutional neural network for automatic lung tumor detection. Neural Computing and Applications, 2023, 35, 23711-23724.	5.6	21
3	Securing Blockchain Transactions Using Quantum Teleportation and Quantum Digital Signature. Neural Processing Letters, 2023, 55, 3827-3842.	3.2	8
4	Brain tumor segmentation using extended Weiner and Laplacian lion optimization algorithm with fuzzy weighted k-mean embedding linear discriminant analysis. Neural Computing and Applications, 2023, 35, 7315-7338.	5.6	2
5	Intelligent system for depression scale estimation with facial expressions and case study in industrial intelligence. International Journal of Intelligent Systems, 2022, 37, 10140-10156.	5.7	21
6	Skeleton-based human activity recognition using ConvLSTM and guided feature learning. Soft Computing, 2022, 26, 877-890.	3.6	34
7	DepNet: An automated industrial intelligent system using deep learning for video‐based depression analysis. International Journal of Intelligent Systems, 2022, 37, 3815-3835.	5.7	11
8	CSITime: Privacy-preserving human activity recognition using WiFi channel state information. Neural Networks, 2022, 146, 11-21.	5.9	25
9	ARFDNet: An efficient activity recognition & fall detection system using latent feature pooling. Knowledge-Based Systems, 2022, 239, 107948.	7.1	31
10	FKPIndexNet: An efficient learning framework for finger-knuckle-print database indexing to boost identification. Knowledge-Based Systems, 2022, 239, 108028.	7.1	3
11	Applications of grammatical inference methods and future development. , 2022, , 193-200.		0
12	Genetic algorithms and grammatical inference. , 2022, , 125-144.		0
13	Performance analysis of genetic algorithm for grammatical inference. , 2022, , 145-191.		0
14	Industrial power quality enhancement using fuzzy logic based photovoltaic integrated with three phase shunt hybrid active filter and adaptive controller. Applied Soft Computing Journal, 2022, 121, 108762.	7.2	9
15	YogNet: A two-stream network for realtime multiperson yoga action recognition and posture correction. Knowledge-Based Systems, 2022, 250, 109097.	7.1	12
16	Machine learning method for cosmetic product recognition: a visual searching approach. Multimedia Tools and Applications, 2021, 80, 34997-35023.	3.9	13
17	A novel hybrid hypervolume indicator and reference vector adaptation strategies based evolutionary algorithm for many-objective optimization. Engineering With Computers, 2021, 37, 3017-3035.	6.1	39
18	A Heuristic Neural Network Structure Relying on Fuzzy Logic for Images Scoring. IEEE Transactions on Fuzzy Systems, 2021, 29, 34-45.	9.8	46

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19	GAPSO-H: A hybrid approach towards optimizing the cluster based routing in wireless sensor network. Swarm and Evolutionary Computation, 2021, 60, 100772.	8.1	90
20	DAPath: Distance-aware knowledge graph reasoning based on deep reinforcement learning. Neural Networks, 2021, 135, 1-12.	5.9	35
21	Learning interaction dynamics with an interactive LSTM for conversational sentiment analysis. Neural Networks, 2021, 133, 40-56.	5.9	52
22	Accessible review of internet of vehicle models for intelligent transportation and research gaps for potential future directions. Peer-to-Peer Networking and Applications, 2021, 14, 978-1005.	3.9	13
23	CFN: A Complex-Valued Fuzzy Network for Sarcasm Detection in Conversations. IEEE Transactions on Fuzzy Systems, 2021, 29, 3696-3710.	9.8	50
24	Improved optic disc and cup segmentation in Glaucomatic images using deep learning architecture. Multimedia Tools and Applications, 2021, 80, 30143-30163.	3.9	10
25	Special Issue on Workplace Violence Prevention using Security Robots. Work, 2021, 68, 821-823.	1.1	4
26	S. I: hybridization of neural computing with nature-inspired algorithms. Neural Computing and Applications, 2021, 33, 10617.	5.6	1
27	Statistical exploratory analysis of mask-fill reproduction operators of Genetic Algorithms. Applied Soft Computing Journal, 2021, 102, 107087.	7.2	3
28	Human Cognition to Analyze Alcohol Use Disorder and Correlation with Internet Gaming Disorder. , 2021, , .		0
29	Human Cognitive Features to Define Correlation Between Depression and Internet Gaming Disorder. , 2021, , .		2
30	Cascaded Split-and-Aggregate Learning with Feature Recombination for Pedestrian Attribute Recognition. International Journal of Computer Vision, 2021, 129, 2731-2744.	15.6	16
31	A review of multimodal human activity recognition with special emphasis on classification, applications, challenges and future directions. Knowledge-Based Systems, 2021, 223, 106970.	7.1	112
32	Network efficient topology for low power and lossy networks in smart corridor design using RPL. International Journal of Pervasive Computing and Communications, 2021, ahead-of-print, .	1.3	4
33	SVM Prediction Model Interface for Plant Contaminates. Traitement Du Signal, 2021, 38, 1023-1032.	1.3	2
34	A fuzzy preference-based Dempster-Shafer evidence theory for decision fusion. Information Sciences, 2021, 570, 306-322.	6.9	39
35	Deep features based convolutional neural network model for text and non-text region segmentation from document images. Applied Soft Computing Journal, 2021, 113, 107917.	7.2	19
36	Optimized Sequential model for Plant Recognition in Keras. IOP Conference Series: Materials Science and Engineering, 2021, 1022, 012118.	0.6	4

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37	Enhancing the Network Performance of Wireless Sensor Networks on Meta-heuristic Approach: Grey Wolf Optimization. Lecture Notes in Electrical Engineering, 2021, , 469-482.	0.4	4
38	A Whale Optimization (WOA): Meta-Heuristic based energy improvement Clustering in Wireless Sensor Networks. , 2021, , .		8
39	A Genetic Deep Learning Model for Electrophysiological Soft Robotics. Advances in Intelligent Systems and Computing, 2021, , 145-151.	0.6	1
40	A Convergence Time Predictive Model using Machine Learning for LLN. , 2021, , .		2
41	A distant supervision method based on paradigmatic relations for learning word embeddings. Neural Computing and Applications, 2020, 32, 7759-7768.	5.6	5
42	Fault coverage-based test suite optimization method for regression testing: learning from mistakes-based approach. Neural Computing and Applications, 2020, 32, 7769-7784.	5.6	7
43	Analysis of Boolean functions based on interaction graphs and their influence in system biology. Neural Computing and Applications, 2020, 32, 7803-7821.	5.6	0
44	A dimension-reduction based multilayer perception method for supporting the medical decision making. Pattern Recognition Letters, 2020, 131, 15-22.	4.2	12
45	Minimum variance-embedded deep kernel regularized least squares method for one-class classification and its applications to biomedical data. Neural Networks, 2020, 123, 191-216.	5.9	19
46	Person identification using fusion of iris and periocular deep features. Neural Networks, 2020, 122, 407-419.	5.9	47
47	An Effective Reliability Evaluation Method for Power Communication Network Based on Community Structure. IEEE Transactions on Industry Applications, 2020, , 1-1.	4.9	3
48	A Semantic Collaboration Method Based on Uniform Knowledge Graph. IEEE Internet of Things Journal, 2020, 7, 4473-4484.	8.7	10
49	DLCD-CCE: A Local Community Detection Algorithm for Complex IoT Networks. IEEE Internet of Things Journal, 2020, 7, 4607-4615.	8.7	6
50	Quantum-like influence diagrams for decision-making. Neural Networks, 2020, 132, 190-210.	5.9	19
51	Robustness analytics to data heterogeneity in edge computing. Computer Communications, 2020, 164, 229-239.	5.1	2
52	Big Data-Driven Cognitive Computing System for Optimization of Social Media Analytics. IEEE Access, 2020, 8, 82215-82226.	4.2	35
53	Cross-modality paired-images generation and augmentation for RGB-infrared person re-identification. Neural Networks, 2020, 128, 294-304.	5.9	49
54	An optimized dense convolutional neural network model for disease recognition and classification in corn leaf. Computers and Electronics in Agriculture, 2020, 175, 105456.	7.7	176

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55	An end-to-end exemplar association for unsupervised person Re-identification. Neural Networks, 2020, 129, 43-54.	5.9	15
56	Particle swarm optimization based energy efficient clustering and sink mobility in heterogeneous wireless sensor network. Ad Hoc Networks, 2020, 106, 102237.	5.5	82
57	Design and data analytics of electronic human resource management activities through Internet of Things in an organization. Software - Practice and Experience, 2020, , .	3.6	8
58	Editorial to special issue on hybrid artificial intelligence and machine learning technologies in intelligent systems. Neural Computing and Applications, 2020, 32, 7743-7745.	5.6	0
59	A Noble Double-Dictionary-Based ECG Compression Technique for IoTH. IEEE Internet of Things Journal, 2020, 7, 10160-10170.	8.7	33
60	Automated detection and classification of fundus diabetic retinopathy images using synergic deep learning model. Pattern Recognition Letters, 2020, 133, 210-216.	4.2	182
61	Evidence of power-law behavior in cognitive IoT applications. Neural Computing and Applications, 2020, 32, 16043-16055.	5.6	23
62	ANT Colony Optimization based Optimal Path Selection and Data Gathering in WSN. , 2020, , .		13
63	Fuzzy-Taylor-elephant herd optimization inspired Deep Belief Network for DDoS attack detection and comparison with state-of-the-arts algorithms. Future Generation Computer Systems, 2020, 110, 80-90.	7.5	39
64	Secure medical data transmission using a fusion of bit mask oriented genetic algorithm, encryption and steganography. Future Generation Computer Systems, 2020, 111, 213-225.	7.5	40
65	Intelligent Classification and Analysis of Essential Genes Using Quantitative Methods. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-21.	4.3	9
66	Optimization of surveillance cost of a neighborhood using soft computing techniques. , 2019, , .		0
67	A Comprehensive Classification of Deep Learning Libraries. Advances in Intelligent Systems and Computing, 2019, , 427-435.	0.6	6
68	Twitter-based Opinion Mining for Flight Service utilizing Machine Learning. Informatica (Slovenia), 2019, 43, .	0.9	3
69	An improved block matching algorithm for motion estimation in video sequences and application in robotics. Computers and Electrical Engineering, 2018, 68, 92-106.	4.8	14
70	Bit mask-oriented genetic algorithm for grammatical inference and premature convergence. International Journal of Bio-Inspired Computation, 2018, 12, 54.	0.9	6
71	A New Clustering Method Using an Augmentation to the Self Organizing Maps. , 2018, , .		4
72	Analysis & Design of Data Farming Algorithm for Cardiac Patient Data. , 2018, , .		0

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73	Performance Comparison of Pattern Search, Simulated Annealing, Genetic Algorithm and Jaya Algorithm. Advances in Intelligent Systems and Computing, 2018, , 377-384.	0.6	4
74	Performance Review of Harmony Search, Differential Evolution and Particle Swarm Optimization. IOP Conference Series: Materials Science and Engineering, 2017, 225, 012221.	0.6	2
75	Genetic Algorithm and Particle Swarm Optimization: Analysis and Remedial Suggestions. Lecture Notes in Networks and Systems, 2017, , 437-441.	0.7	1
76	Performance Evaluation of Reproduction Operators in Genetic Algorithm. Lecture Notes in Networks and Systems, 2017, , 451-460.	0.7	0
77	Maintaining regularity and generalization in data using the minimum description length principle and genetic algorithm: Case of grammatical inference. Swarm and Evolutionary Computation, 2016, 31, 11-23.	8.1	18
78	Solving lecture time tabling problem using GA. , 2016, , .		1
79	The BMODS: A powerful 2-D representation scheme for the GA's population. , 2016, , .		0
80	Genetic Algorithm, Particle Swarm Optimization and Harmony Search: A quick comparison. , 2016, , .		10
81	Jaya a novel optimization algorithm: What, how and why?. , 2016, , .		49
82	Performance Evaluation of Selection Methods of Genetic Algorithm and Network Security Concerns. Procedia Computer Science, 2016, 78, 13-18.	2.0	25
83	Evaluation of Genetic Algorithm's Selection Methods. Advances in Intelligent Systems and Computing, 2016, , 731-738.	0.6	13
84	Grammar induction using bit masking oriented genetic algorithm and comparative analysis. Applied Soft Computing Journal, 2016, 38, 453-468.	7.2	21
85	Function Optimization Using Robust Simulated Annealing. Advances in Intelligent Systems and Computing, 2016, , 347-355.	0.6	2
86	Parameters Quantification of Genetic Algorithm. Advances in Intelligent Systems and Computing, 2016, , 711-719.	0.6	3
87	Data clustering approaches survey and analysis. , 2015, , .		18
88	Comparative review of selection techniques in genetic algorithm. , 2015, , .		108
89	Performance evaluation of different techniques in the context of data mining- A case of an eye disease. , 2014, , .		4
90	Inference patterns from Big Data using aggregation, filtering and tagging- A survey. , 2014, , .		4

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91	A comparative review of approaches to prevent premature convergence in GA. Applied Soft Computing Journal, 2014, 24, 1047-1077.	7.2	177
92	Advances in Ambiguity Detection Methods for Formal Grammars. Procedia Engineering, 2011, 24, 700-707.	1.2	5
93	Futuretech 2010- DATICS 2010 Welcome Message from the Workshop Organizers. , 2010, , .		0
94	Context free grammar induction library using Genetic Algorithms. , 2010, , .		6
95	Multimodal medical image fusion algorithm in the era of big data. Neural Computing and Applications, 0, , 1.	5.6	84
96	Research on the Positioning Technology of Sports 3D Teaching Action Based on Machine Vision. Mobile Networks and Applications, 0, , 1.	3.3	2