

Aditya Khamparia

List of Publications by Year in descending order

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76
papers

2,531
citations

279487

23
h-index

205818

48
g-index

81
all docs

81
docs citations

81
times ranked

2090
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Transfer Learning Based Approach for Pneumonia Detection in Chest X-ray Images. Applied Sciences (Switzerland), 2020, 10, 559.	1.3	431
2	Prediction of Heart Disease Using a Combination of Machine Learning and Deep Learning. Computational Intelligence and Neuroscience, 2021, 2021, 1-11.	1.1	234
3	Blockchain for smart cities: A review of architectures, integration trends and future research directions. Sustainable Cities and Society, 2020, 61, 102360.	5.1	201
4	Sound Classification Using Convolutional Neural Network and Tensor Deep Stacking Network. IEEE Access, 2019, 7, 7717-7727.	2.6	153
5	Unification of Blockchain and Internet of Things (IoT): requirements, working model, challenges and future directions. Wireless Networks, 2021, 27, 55-90.	2.0	112
6	Seasonal Crops Disease Prediction and Classification Using Deep Convolutional Encoder Network. Circuits, Systems, and Signal Processing, 2020, 39, 818-836.	1.2	111
7	Diagnosis of breast cancer based on modern mammography using hybrid transfer learning. Multidimensional Systems and Signal Processing, 2021, 32, 747-765.	1.7	102
8	An internet of health things-driven deep learning framework for detection and classification of skin cancer using transfer learning. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3963.	2.6	99
9	Internet of health things-driven deep learning system for detection and classification of cervical cells using transfer learning. Journal of Supercomputing, 2020, 76, 8590-8608.	2.4	99
10	A systematic review on deep learning architectures and applications. Expert Systems, 2019, 36, e12400.	2.9	78
11	KDSAE: Chronic kidney disease classification with multimedia data learning using deep stacked autoencoder network. Multimedia Tools and Applications, 2020, 79, 35425-35440.	2.6	57
12	An Enhanced Secure Deep Learning Algorithm for Fraud Detection in Wireless Communication. Wireless Communications and Mobile Computing, 2021, 2021, 1-14.	0.8	57
13	A novel deep learning-based multi-model ensemble method for the prediction of neuromuscular disorders. Neural Computing and Applications, 2020, 32, 11083-11095.	3.2	53
14	Prediction model using SMOTE, genetic algorithm and decision tree (PMSGD) for classification of diabetes mellitus. Multimedia Systems, 2022, 28, 1289-1307.	3.0	50
15	A comprehensive survey of edge prediction in social networks: Techniques, parameters and challenges. Expert Systems With Applications, 2019, 124, 164-181.	4.4	48
16	Association of learning styles with different e-learning problems: a systematic review and classification. Education and Information Technologies, 2020, 25, 1303-1331.	3.5	46
17	Knowledge and intelligent computing methods in e-learning. International Journal of Technology Enhanced Learning, 2015, 7, 221.	0.4	38
18	Comprehensive analysis of semantic web reasoners and tools: a survey. Education and Information Technologies, 2017, 22, 3121-3145.	3.5	32

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19	SVM and PCA Based Learning Feature Classification Approaches for E-Learning System. International Journal of Web-Based Learning and Teaching Technologies, 2018, 13, 32-45.	0.6	29
20	DDOS Detection Using Machine Learning Technique. Studies in Computational Intelligence, 2021, , 59-68.	0.7	29
21	Comparison of RSM, ANN and Fuzzy Logic for extraction of Oleonolic Acid from Ocimum sanctum. Computers in Industry, 2020, 117, 103200.	5.7	28
22	<scp>HSV modelâ€based</scp> segmentation driven facial acne detection using deep learning. Expert Systems, 2022, 39, e12760.	2.9	27
23	Res-CovNet: an internet of medical health things driven COVID-19 framework using transfer learning. Neural Computing and Applications, 2023, 35, 13907-13920.	3.2	26
24	Intrusion Detection System on IoT with 5G Network Using Deep Learning. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	0.8	26
25	An Integrated Hybrid CNNâ€RNN Model for Visual Description and Generation of Captions. Circuits, Systems, and Signal Processing, 2020, 39, 776-788.	1.2	24
26	DCAVN: Cervical cancer prediction and classification using deep convolutional and variational autoencoder network. Multimedia Tools and Applications, 2021, 80, 30399-30415.	2.6	23
27	An intelligent hybrid approach for hepatitis disease diagnosis: Combining enhanced <i>k</i>-means clustering and improved ensemble learning. Expert Systems, 2021, 38, .	2.9	23
28	Feature selection and comparison of classification algorithms for wireless sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 1977-1989.	3.3	21
29	A novel method of case representation and retrieval in CBR for e-learning. Education and Information Technologies, 2017, 22, 337-354.	3.5	17
30	Effects of visual map embedded approach on students learning performance using Briggsâ€Myers learning style in word puzzle gaming course. Computers and Electrical Engineering, 2018, 66, 531-540.	3.0	17
31	Classification and Identification of Primitive Kharif Crops using Supervised Deep Convolutional Networks. Sustainable Computing: Informatics and Systems, 2020, 28, 100340.	1.6	17
32	Threat driven modeling framework using petri nets for e-learning system. SpringerPlus, 2016, 5, 446.	1.2	16
33	Security Challenges and Cyber Forensic Ecosystem in IoT Driven BYOD Environment. IEEE Access, 2020, 8, 172770-172782.	2.6	16
34	A hybrid whale optimization-differential evolution and genetic algorithm based approach to solve unit commitment scheduling problem: WODEGA. Sustainable Computing: Informatics and Systems, 2020, 28, 100442.	1.6	15
35	Multi-level framework for anomaly detection in social networking. Library Hi Tech, 2020, 38, 350-366.	3.7	15
36	Impact of Interactive Multimedia in E-Learning Technologies. Advances in Higher Education and Professional Development Book Series, 2017, , 171-199.	0.1	11

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37	Applicability of WSN and Biometric Models in the Field of Healthcare. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 304-329.	0.4	11
38	Performance analysis on agriculture ontology using SPARQL query system. , 2014, , .		8
39	CBR based approach for adaptive learning in E-learning system. , 2014, , .		8
40	Real time prediction of bus arrival time: A review. , 2016, , .		7
41	Heterogeneous load balancing clustering protocol for Wireless Sensor Networks. Cognitive Systems Research, 2021, 70, 10-17.	1.9	7
42	Performance Analysis of SPARQL and DL-Query on Electromyography Ontology. Indian Journal of Science and Technology, 2015, 8, .	0.5	6
43	Performance comparison of Apache Hadoop and Apache Spark. , 2019, , .		6
44	An Improved and Adaptive Approach in ANFIS to Predict Knee Diseases. International Journal of Healthcare Information Systems and Informatics, 2020, 15, 22-37.	1.0	6
45	An intelligent unsupervised technique for fraud detection in health care systems. Intelligent Decision Technologies, 2021, 15, 127-139.	0.6	6
46	An intelligent <sc>IoT</sc> enabled feature extraction method for early detection of knee arthritis. Expert Systems, 2023, 40, e12784.	2.9	5
47	An Enhanced Crow Search Inspired Feature Selection Technique for Intrusion Detection Based Wireless Network System. Wireless Personal Communications, 2022, 127, 2021-2038.	1.8	5
48	Classification of Plants Using Convolutional Neural Network. Advances in Intelligent Systems and Computing, 2020, , 551-561.	0.5	5
49	Effects of visual mapping placed game-based learning on students learning performance in defence-based courses. International Journal of Technology Enhanced Learning, 2017, 9, 37.	0.4	4
50	Notice of Violation of IEEE Publication Principles: Reversible Data Hiding and Smart Multimedia Computing Using Big Data in Remote Sensing Systems. IEEE Access, 2020, 8, 153546-153560.	2.6	4
51	Effects of microworld game-based approach on neuromuscular disabled students learning performance in elementary basic science courses. Education and Information Technologies, 2020, 25, 3881-3896.	3.5	4
52	Multi-Class Breast Cancer Classification Using Ensemble of Pretrained models and Transfer Learning. Current Medical Imaging, 2022, 18, 409-416.	0.4	4
53	An intrusion detection system for health-care system using machine and deep learning. World Journal of Engineering, 2022, 19, 166-174.	1.0	4
54	Honey Bee Optimization based Sink Mobility Aware Heterogeneous Protocol for Wireless Sensor Network. Scalable Computing, 2019, 20, 591-598.	0.7	4

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55	Malaria Detection Using Custom Convolutional Neural Network Model on Blood Smear Slide Images. Communications in Computer and Information Science, 2019, , 20-28.	0.4	4
56	Blended e-Learning Training (BeLT). , 2016, , .		3
57	Investigating the Importance of Psychological and Environmental Factors for Improving Learner's Performance Using Hidden Markov Model. IEEE Access, 2019, 7, 21559-21571.	2.6	3
58	Supervised shift k-means based machine learning approach for link prediction using inherent structural properties of large online social network. Computational Intelligence, 2021, 37, 660-677.	2.1	3
59	A Novel Approach to Detect Edge in Digital Image Using Fuzzy Logic. Advances in Intelligent Systems and Computing, 2020, , 63-74.	0.5	3
60	Twitter-based Opinion Mining for Flight Service utilizing Machine Learning. Informatica (Slovenia), 2019, 43, .	0.6	3
61	Architecture based Comparison of Semantic Web Service Composition Processes. International Journal of Computer Applications, 2014, 98, 15-20.	0.2	3
62	Minimax (Maximin) with Special Approach of Gamification in Higher Education. Advances in Intelligent Systems and Computing, 2018, , 11-22.	0.5	3
63	Program analysis with dynamic instrumentation Pin and performance tools. , 2013, , .		2
64	Modeling uncertainty of instrument and control system of nuclear power plant. Annals of Nuclear Energy, 2020, 139, 107207.	0.9	2
65	SVM-PCA Based Handwritten Devanagari Digit Character Recognition. Recent Advances in Computer Science and Communications, 2021, 14, 48-53.	0.5	2
66	A secure framework in brokerage of heterogeneous cloud environment for multiple cloud providers. , 2014, , .		1
67	Architecture and performance based comparison of semantic web service processes. , 2016, , .		1
68	Solution to Economic Dispatch Problem Using Modified PSO Algorithm. Advances in Intelligent Systems and Computing, 2022, , 889-897.	0.5	1
69	Similarity-Based Indices or Metrics for Link Prediction. Advances in Social Networking and Online Communities Book Series, 2019, , 1-29.	0.3	1
70	An Efficient Link Prediction Model Using Supervised Machine Learning. Studies in Computational Intelligence, 2021, , 19-27.	0.7	1
71	Ontology Based Product Information Retrieval Ecommtology. , 2016, , .		0
72	E-Knowledge Analyzing with Java Ontology. , 2018, , .		0

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73	An Adaptive Java Tutorials Using HMM-Based Approach. Advances in Intelligent Systems and Computing, 2019, , 101-111.	0.5	0
74	An Adaptive Web Based Educational System Using HMM Approach for C Programming. Communications in Computer and Information Science, 2019, , 435-447.	0.4	0
75	Encryption/Decryption of X-Ray Images Using Elliptical Curve Cryptography with Issues and Applications. Advances in Intelligent Systems and Computing, 2015, , 357-365.	0.5	0
76	Wireless Environment Security. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 65-83.	0.4	0