Prateek Agrawal

List of Publications by Year
in descending order

48 papers	424 citations	1162889 8 h-index	887953 17 g-index
52 all docs	52 docs citations	52 times ranked	214 citing authors

#	Article	IF	Citations
1	WELFake: Word Embedding Over Linguistic Features for Fake News Detection. IEEE Transactions on Computational Social Systems, 2021, 8, 881-893.	3.2	82
2	XCOVNet: Chest X-ray Image Classification for COVID-19 Early Detection Using Convolutional Neural Networks. New Generation Computing, 2021, 39, 583-597.	2.5	43
3	Classification of Clinical Dataset of Cervical Cancer using KNN. Indian Journal of Science and Technology, 2016, 9, .	0.5	39
4	Automated bank cheque verification using image processing and deep learning methods. Multimedia Tools and Applications, 2021, 80, 5319-5350.	2.6	28
5	Fuzzy rule-based medical expert system to identify the disorders of eyes, ENT and liver. International Journal of Advanced Intelligence Paradigms, 2015, 7, 352.	0.2	19
6	Smart Border Surveillance System using Wireless Sensor Network and Computer Vision. , 2019, , .		18
7	A dynamic evolutionary multi-objective virtual machine placement heuristic for cloud data centers. Information and Software Technology, 2020, 128, 106390.	3.0	18
8	Applications of Artificial Intelligence and Internet of Things for Detection and Future Directions to Fight Against COVID-19. Studies in Systems, Decision and Control, 2021, , 107-119.	0.8	12
9	A Machine Translation System from Hindi to Sanskrit Language using Rule based Approach. Scalable Computing, 2020, 21, 543-554.	0.7	12
10	Analysis and Synthesis of an Ant Colony Optimization Technique for Image Edge Detection. , 2012, , .		10
11	Object detection and recognition in cluttered scene using Harris Corner Detection. , 2014, , .		10
12	Fuzzy rule based students' performance analysis expert system. , 2014, , .		8
13	FastTTPS: fast approach for video transcoding time prediction and scheduling for HTTP adaptive streaming videos. Cluster Computing, 2021, 24, 1605-1621.	3.5	8
14	Moving Object Detection and Recognition Using Optical Flow and Eigen Face Using Low Resolution Video. Recent Advances in Computer Science and Communications, 2021, 13, 1180-1187.	0.5	8
15	Text independent root word identification in Hindi language using natural language processing. International Journal of Advanced Intelligence Paradigms, 2015, 7, 240.	0.2	7
16	X-Gyno: Fuzzy Method based Medical Expert System for Gynaecology. Indian Journal of Science and Technology, 2016, 9, .	0.5	7
17	Prediction on diabetes patient's hospital readmission rates. , 2019, , .		7
18	ComplexCTTP: Complexity Class Based Transcoding Time Prediction for Video Sequences Using Artificial Neural Network. , 2020, , .		7

#	Article	IF	Citations
19	Fuzzy Expert System to Calculate the Strength/ Immunity of a Human Body. Indian Journal of Science and Technology, 2016, 9, .	0.5	6
20	FOCOMO: Forecasting and monitoring the worldwide spread of COVID-19 using machine learning methods. Journal of Interdisciplinary Mathematics, 2021, 24, 443-466.	0.4	6
21	UCred: fusion of machine learning and deep learning methods for user credibility on social media. Social Network Analysis and Mining, 2022, 12, .	1.9	6
22	A Novel Approach to Paraphrase Hindi Sentences using Natural Language Processing. Indian Journal of Science and Technology, 2016, 9, .	0.5	5
23	FAUST: Fast Per-Scene Encoding Using Entropy-Based Scene Detection and Machine Learning. , 2021, , .		5
24	FSpot: Fast and Efficient Video Encoding Workloads Over Amazon Spot Instances. Computers, Materials and Continua, 2022, 71, 5677-5697.	1.5	5
25	Heart Disease Prediction Using Fuzzy System. Communications in Computer and Information Science, 2019, , 424-434.	0.4	4
26	M3AT: Monitoring Agents Assignment Model for Data-Intensive Applications. , 2020, , .		4
27	X-HuBIS: A Fuzzy Rule based Human Behaviour Identification System based on Body Gestures. Indian Journal of Science and Technology, 2016, 9, .	0.5	4
28	Fuzzy Rule based Expert System for Evaluating Defaulter Risk in Banking Sector. Indian Journal of Science and Technology, 2016, 9, .	0.5	3
29	E-Gardener: Building a Plant Caretaker Robot Using Computer Vision. , 2018, , .		3
30	Rheumatoid Arthritis anticipation using Adaptive Neuro Fuzzy Inference System. , 2019, , .		3
31	Study and Detection of Fake News: P2C2-Based Machine Learning Approach. Advances in Intelligent Systems and Computing, 2021, , 261-278.	0.5	3
32	Anuvaadika: Implementation of Sanskrit to Hindi Translation Tool Using Rule-Based Approach. Recent Advances in Computer Science and Communications, 2021, 13, 1136-1151.	0.5	3
33	FaD-CODS Fake News Detection on COVID-19 Using Description Logics and Semantic Reasoning. International Journal of Information Technology and Web Engineering, 2021, 16, 1-20.	1.2	3
34	Bank Cheque Validation Using Image Processing. Communications in Computer and Information Science, 2019, , 148-159.	0.4	3
35	Diagnosis of Arthritis Using K-Nearest Neighbor Approach. Communications in Computer and Information Science, 2019, , 160-171.	0.4	3
36	Visualizing Clouds on Different Stages of DWH - An Introduction to Data Warehouse as a Service. , 2012, , .		2

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37	Bilingual Machine Translation System Between Hindi and Sanskrit Languages. Communications in Computer and Information Science, 2019, , 312-321.	0.4	2
38	A heuristic approach for determining the shape of nuclei from H&E stained imagery. , 2013, , .		1
39	Public Network Security by Bluffing the Intruders Through Encryption Over Encryption Using Public Key Cryptography Method. Communications in Computer and Information Science, 2017, , 249-257.	0.4	1
40	ANALYSIS AND SYNTHESIS OF ENHANCED ANT COLONY OPTIMIZATION WITH THE TRADITIONAL ANT COLONY OPTIMIZATION TO SOLVE TRAVELLING SALES PERSON PROBLEM. International Journal of Computers & Technology, 2011, 1, 88-92.	0.2	1
41	Enhanced Bee Colony Algorithm for Solving Travelling Salesperson Problem. International Journal of Control Theory and Computer Modeling, 2012, 2, 37-41.	0.2	0
42	Sheershak: an Automatic Title Generation Tool for Hindi Short Stories. , 2018, , .		0
43	Hindi Story Heading Generation Using Proverb Identification. Communications in Computer and Information Science, 2019, , 386-396.	0.4	0
44	Artificial Intelligence Applications and Machine Learning. Recent Advances in Computer Science and Communications, 2021, 13, 1113-1114.	0.5	0
45	HuDA_COVID Human Disposition Analysis During COVID-19 Using Machine Learning. International Journal of E-Health and Medical Communications, 2022, 13, 1-15.	1.4	0
46	Multi Lingual Speaker Recognition Using Artificial Neural Network. Advances in Intelligent and Soft Computing, 2009, , 1-9.	0.2	0
47	Quality analysis for reliable complex multiclass neuroscience signal classification via electroencephalography. International Journal of Quality and Reliability Management, 2022, ahead-of-print, .	1.3	0
48	Anuvaad - A Hindi-Sanskrit-Hindi Bilingual Machine Translation System using Rule-based Approach. International Journal of Social Ecology and Sustainable Development, 2022, 13, 0-0.	0.1	0