Rahul Katarya

List of Publications by Year
in descending order

48 papers	1,310 citations	471371 17 h-index	610775 24 g-index
49 all docs	49 docs citations	49 times ranked	911 citing authors

#	Article	IF	Citations
1	InstaCovNet-19: A deep learning classification model for the detection of COVID-19 patients using Chest X-ray. Applied Soft Computing Journal, 2021, 99, 106859.	4.1	157
2	Social media based surveillance systems for healthcare using machine learning: A systematic review. Journal of Biomedical Informatics, 2020, 108, 103500.	2.5	99
3	An effective collaborative movie recommender system with cuckoo search. Egyptian Informatics Journal, 2017, 18, 105-112.	4.4	98
4	A collaborative recommender system enhanced with particle swarm optimization technique. Multimedia Tools and Applications, 2016, 75, 9225-9239.	2.6	83
5	Recommender system with grey wolf optimizer and FCM. Neural Computing and Applications, 2018, 30, 1679-1687.	3.2	81
6	Machine Learning Techniques for Heart Disease Prediction: A Comparative Study and Analysis. Health and Technology, 2021, 11, 87-97.	2.1	73
7	Discover opinion leader in online social network using firefly algorithm. Expert Systems With Applications, 2019, 122, 1-15.	4.4	69
8	Opinion leader detection using whale optimization algorithm in online social network. Expert Systems With Applications, 2020, 142, 113016.	4.4	59
9	CoVNet-19: A Deep Learning model for the detection and analysis of COVID-19 patients. Applied Soft Computing Journal, 2021, 104, 107184.	4.1	56
10	hyOPTXg: OPTUNA hyper-parameter optimization framework for predicting cardiovascular disease using XGBoost. Biomedical Signal Processing and Control, 2022, 73, 103456.	3.5	52
11	Efficient music recommender system using context graph and particle swarm. Multimedia Tools and Applications, 2018, 77, 2673-2687.	2.6	51
12	Movie recommender system with metaheuristic artificial bee. Neural Computing and Applications, 2018, 30, 1983-1990.	3.2	48
13	Recent developments in affective recommender systems. Physica A: Statistical Mechanics and Its Applications, 2016, 461, 182-190.	1.2	46
14	An effective web page recommender system with fuzzy c-mean clustering. Multimedia Tools and Applications, 2017, 76, 21481-21496.	2.6	38
15	Impact of Machine Learning Techniques in Precision Agriculture. , 2020, , .		33
16	Effectual recommendations using artificial algae algorithm and fuzzy c-mean. Swarm and Evolutionary Computation, 2017, 36, 52-61.	4.5	32
17	Capsmf: a novel product recommender system using deep learning based text analysis model. Multimedia Tools and Applications, 2020, 79, 35927-35948.	2.6	31
18	Semantic segmentation in medical images through transfused convolution and transformer networks. Applied Intelligence, 2023, 53, 1132-1148.	3.3	26

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19	PAN-LDA: A latent Dirichlet allocation based novel feature extraction model for COVID-19 data using machine learning. Computers in Biology and Medicine, 2021, 138, 104920.	3.9	20
20	Effectivecollaborative movie recommender system using asymmetric user similarity and matrix factorization. , 2016, , .		15
21	Recognition of opinion leaders coalitions in online social network using game theory. Knowledge-Based Systems, 2020, 203, 106158.	4.0	15
22	Study on Text Classification using Capsule Networks. , 2019, , .		14
23	Research on Understanding the Effect of Deep Learning on User Preferences. Arabian Journal for Science and Engineering, 2021, 46, 3247-3286.	1.7	10
24	User behaviour analysis in context-aware recommender system using hybrid filtering approach. , 2013, , .		9
25	An interactive interface for instilling trust and providing diverse recommendations. , 2014, , .		9
26	Role of Opinion Leader for the diffusion of products using Epidemic model in Online Social Network. , 2019, , .		9
27	Restaurant recommender system based on psychographic and demographic factors in mobile environment. , 2015, , .		8
28	EnPSO: An AutoML Technique for Generating Ensemble Recommender System. Arabian Journal for Science and Engineering, 2021, 46, 8677-8695.	1.7	7
29	Enhancing the wine tasting experience using greedy clustering wine recommender system. Multimedia Tools and Applications, 2022, 81, 807-840.	2.6	7
30	Intelligent Phishing Website Detection Using Deep Learning. , 2022, , .		7
31	Privacy-Preserving and Secure Recommender System Enhance with K-NN and Social Tagging. , 2017, , .		6
32	A Survey of Recommendation Systems in Twitter. , 2018, , .		6
33	Deep Learning for Opinion Mining: A Systematic Survey. , 2019, , .		6
34	Identification of opinion leader in online social network using fuzzy trust system. , 2018, , .		5
35	An improved recommender system using two-level matrix factorization for product ontologies. , 2017, , .		4
36	Survey on Opinion Leader in Social Network using Data Mining. , 2019, , .		4

#	Article	IF	Citations
37	Sentiment/Opinion Review Analysis: Detecting Spams from the good ones!. , 2019, , .		4
38	A Study of Recommender Systems Using Markov Decision Process. , 2018, , .		3
39	Recent Trends of Fake News Detection: A Review. Lecture Notes in Electrical Engineering, 2022, , 483-492.	0.3	2
40	Analysing the Twitter Sentiments in COVID-19 Using Machine Learning Algorithms. , 2022, , .		2
41	Possibility of the COVID-19 third wave in India: mapping from second wave to third wave. Indian Journal of Physics, 0, , .	0.9	2
42	Use of semantic web in enabling desktop based knowledge management. , 2011, , .		1
43	Secure code assignment to alphabets using modified ant colony optimization along with compression. , 2014, , .		1
44	Opinion Leader discovery based on text analysis in Online Social Network. , 2019, , .		1
45	Deep embedding for mental health content on social media using vector space model with feature clusters. Concurrency Computation Practice and Experience, 2022, 34, .	1.4	1
46	J2EE framework perspective for security augmentation. , 2009, , .		0
47	Location based recommender system using enhanced random walk model. , 2016, , .		0
48	A South African Indian population group dataset for breast cancer and BRCA1/2 variants. Data in Brief, 2022, 42, 108180.	0.5	0