

Rahul Katarya

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,310
citations

535685

17
h-index

685536

24
g-index

49
all docs

49
docs citations

49
times ranked

1018
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Semantic segmentation in medical images through transfused convolution and transformer networks. Applied Intelligence, 2023, 53, 1132-1148. | 3.3 | 26 |
| 2 | Recent Trends of Fake News Detection: A Review. Lecture Notes in Electrical Engineering, 2022, , 483-492. | 0.3 | 2 |
| 3 | Enhancing the wine tasting experience using greedy clustering wine recommender system. Multimedia Tools and Applications, 2022, 81, 807-840. | 2.6 | 7 |
| 4 | hyOPTXg: OPTUNA hyper-parameter optimization framework for predicting cardiovascular disease using XGBoost. Biomedical Signal Processing and Control, 2022, 73, 103456. | 3.5 | 52 |
| 5 | 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 |
| 6 | Analysing the Twitter Sentiments in COVID-19 Using Machine Learning Algorithms. , 2022, , . | | 2 |
| 7 | A South African Indian population group dataset for breast cancer and BRCA1/2 variants. Data in Brief, 2022, 42, 108180. | 0.5 | 0 |
| 8 | Intelligent Phishing Website Detection Using Deep Learning. , 2022, , . | | 7 |
| 9 | Research on Understanding the Effect of Deep Learning on User Preferences. Arabian Journal for Science and Engineering, 2021, 46, 3247-3286. | 1.7 | 10 |
| 10 | Machine Learning Techniques for Heart Disease Prediction: A Comparative Study and Analysis. Health and Technology, 2021, 11, 87-97. | 2.1 | 73 |
| 11 | 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 |
| 12 | EnPSO: An AutoML Technique for Generating Ensemble Recommender System. Arabian Journal for Science and Engineering, 2021, 46, 8677-8695. | 1.7 | 7 |
| 13 | 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 |
| 14 | 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 |
| 15 | Opinion leader detection using whale optimization algorithm in online social network. Expert Systems With Applications, 2020, 142, 113016. | 4.4 | 59 |
| 16 | Capsmf: a novel product recommender system using deep learning based text analysis model. Multimedia Tools and Applications, 2020, 79, 35927-35948. | 2.6 | 31 |
| 17 | Recognition of opinion leaders coalitions in online social network using game theory. Knowledge-Based Systems, 2020, 203, 106158. | 4.0 | 15 |
| 18 | Social media based surveillance systems for healthcare using machine learning: A systematic review. Journal of Biomedical Informatics, 2020, 108, 103500. | 2.5 | 99 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Impact of Machine Learning Techniques in Precision Agriculture. , 2020, , . | | 33 |
| 20 | Survey on Opinion Leader in Social Network using Data Mining. , 2019, , . | | 4 |
| 21 | Study on Text Classification using Capsule Networks. , 2019, , . | | 14 |
| 22 | Opinion Leader discovery based on text analysis in Online Social Network. , 2019, , . | | 1 |
| 23 | Deep Learning for Opinion Mining: A Systematic Survey. , 2019, , . | | 6 |
| 24 | Sentiment/Opinion Review Analysis: Detecting Spams from the good ones!. , 2019, , . | | 4 |
| 25 | Role of Opinion Leader for the diffusion of products using Epidemic model in Online Social Network. , 2019, , . | | 9 |
| 26 | Discover opinion leader in online social network using firefly algorithm. Expert Systems With Applications, 2019, 122, 1-15. | 4.4 | 69 |
| 27 | Movie recommender system with metaheuristic artificial bee. Neural Computing and Applications, 2018, 30, 1983-1990. | 3.2 | 48 |
| 28 | Recommender system with grey wolf optimizer and FCM. Neural Computing and Applications, 2018, 30, 1679-1687. | 3.2 | 81 |
| 29 | Efficient music recommender system using context graph and particle swarm. Multimedia Tools and Applications, 2018, 77, 2673-2687. | 2.6 | 51 |
| 30 | A Study of Recommender Systems Using Markov Decision Process. , 2018, , . | | 3 |
| 31 | Identification of opinion leader in online social network using fuzzy trust system. , 2018, , . | | 5 |
| 32 | A Survey of Recommendation Systems in Twitter. , 2018, , . | | 6 |
| 33 | Effectual recommendations using artificial algae algorithm and fuzzy c-mean. Swarm and Evolutionary Computation, 2017, 36, 52-61. | 4.5 | 32 |
| 34 | Privacy-Preserving and Secure Recommender System Enhance with K-NN and Social Tagging. , 2017, , . | | 6 |
| 35 | An effective web page recommender system with fuzzy c-mean clustering. Multimedia Tools and Applications, 2017, 76, 21481-21496. | 2.6 | 38 |
| 36 | An effective collaborative movie recommender system with cuckoo search. Egyptian Informatics Journal, 2017, 18, 105-112. | 4.4 | 98 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | An improved recommender system using two-level matrix factorization for product ontologies. , 2017, , . | | 4 |
| 38 | Location based recommender system using enhanced random walk model. , 2016, , . | | 0 |
| 39 | Effective collaborative movie recommender system using asymmetric user similarity and matrix factorization. , 2016, , . | | 15 |
| 40 | A collaborative recommender system enhanced with particle swarm optimization technique. Multimedia Tools and Applications, 2016, 75, 9225-9239. | 2.6 | 83 |
| 41 | Recent developments in affective recommender systems. Physica A: Statistical Mechanics and Its Applications, 2016, 461, 182-190. | 1.2 | 46 |
| 42 | Restaurant recommender system based on psychographic and demographic factors in mobile environment. , 2015, , . | | 8 |
| 43 | An interactive interface for instilling trust and providing diverse recommendations. , 2014, , . | | 9 |
| 44 | Secure code assignment to alphabets using modified ant colony optimization along with compression. , 2014, , . | | 1 |
| 45 | User behaviour analysis in context-aware recommender system using hybrid filtering approach. , 2013, , . | | 9 |
| 46 | Use of semantic web in enabling desktop based knowledge management. , 2011, , . | | 1 |
| 47 | J2EE framework perspective for security augmentation. , 2009, , . | | 0 |
| 48 | Possibility of the COVID-19 third wave in India: mapping from second wave to third wave. Indian Journal of Physics, 0, , . | 0.9 | 2 |