

# Lalit Mohan Goyal

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,012  
citations

567281

15  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning based enhanced tumor segmentation approach for MR brain images. Applied Soft Computing Journal, 2019, 78, 346-354.	7.2	167
2	An Efficient Edge Detection Approach to Provide Better Edge Connectivity for Image Analysis. IEEE Access, 2019, 7, 33240-33255.	4.2	135
3	Gastrointestinal diseases segmentation and classification based on duo-deep architectures. Pattern Recognition Letters, 2020, 131, 193-204.	4.2	111
4	Deep neural network features fusion and selection based on PLS regression with an application for crops diseases classification. Applied Soft Computing Journal, 2021, 103, 107164.	7.2	70
5	Fake News Detection Using a Blend of Neural Networks: An Application of Deep Learning. SN Computer Science, 2020, 1, 1.	3.6	60
6	Clustering approaches for high-dimensional databases: A review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2019, 9, e1300.	6.8	47
7	Monitoring the Impact of Economic Crisis on Crime in India Using Machine Learning. Computational Economics, 2019, 53, 1467-1485.	2.6	42
8	Corona Virus - SARS-CoV-2: An Insight to Another way of Natural Disaster. EAI Endorsed Transactions on Pervasive Health and Technology, 2020, 6, 164823.	0.9	42
9	An improved salient object detection algorithm combining background and foreground connectivity for brain image analysis. Computers and Electrical Engineering, 2018, 71, 692-703.	4.8	41
10	Mixed Pixel Decomposition Based on Extended Fuzzy Clustering for Single Spectral Value Remote Sensing Images. Journal of the Indian Society of Remote Sensing, 2019, 47, 427-437.	2.4	35
11	Cloud-based framework to mitigate the impact of COVID-19 on seafarers' mental health. International Maritime Health, 2020, 71, 213-214.	0.7	34
12	Estimating the prevalence of stress among Indian students during the COVID-19 pandemic: A cross-sectional study from India. Journal of Taibah University Medical Sciences, 2021, 16, 260-267.	0.9	28
13	Image Segmentation Using Deep Learning Techniques in Medical Images. Algorithms for Intelligent Systems, 2020, , 41-63.	0.6	24
14	Prediction of coefficient of consolidation in soil using machine learning techniques. Microprocessors and Microsystems, 2021, 82, 103830.	2.8	20
15	A deep survey on supervised learning based human detection and activity classification methods. Multimedia Tools and Applications, 2021, 80, 27867-27923.	3.9	17
16	Fuzzy model generation using Subtractive and Fuzzy C-Means clustering. CSI Transactions on ICT, 2016, 4, 129-133.	1.0	16
17	Opinion Mining for the Tweets in Healthcare Sector using Fuzzy Association Rule. EAI Endorsed Transactions on Pervasive Health and Technology, 2018, 4, 159861.	0.9	16
18	Factors affecting digital education during COVID-19: A statistical modeling approach. , 2020, , .		15

#	ARTICLE	IF	CITATIONS
19	Swarm-LSTM: Condition Monitoring of Gearbox Fault Diagnosis Based on Hybrid LSTM Deep Neural Network Optimized by Swarm Intelligence Algorithms. Computers, Materials and Continua, 2021, 66, 2041-2059.	1.9	15
20	Improved ECG Watermarking Technique Using Curvelet Transform. Sensors, 2020, 20, 2941.	3.8	15
21	Image Watermarking in Curvelet Domain Using Edge Surface Blocks. Symmetry, 2020, 12, 822.	2.2	11
22	Comparative Analysis of Clustering Methods. International Journal of Computer Applications, 2015, 118, 30-35.	0.2	8
23	Efficient random data accessing in MapReduce. , 2017, , .		7
24	An Efficient Framework for Mining Association Rules in the Distributed Databases. Computer Journal, 2018, 61, 645-657.	2.4	5
25	FEMT: a computational approach for fog elimination using multiple thresholds. Multimedia Tools and Applications, 2021, 80, 227-241.	3.9	5
26	An efficient method of multicolor detection using global optimum thresholding for image analysis. Multimedia Tools and Applications, 2021, 80, 18969-18991.	3.9	5
27	Spatial data analysis using association rule mining in distributed environments: a privacy prospect. Spatial Information Research, 2018, 26, 629-638.	2.2	4
28	Morphological classification of galaxies using Conv-nets. Earth Science Informatics, 2020, 13, 1427-1436.	3.2	4
29	An efficient filtration approach for mining association rules. , 2014, , .		3
30	Modified Single Pass Clustering Algorithm Based on Median as a Threshold Similarity Value. Advances in Data Mining and Database Management Book Series, 2017, , 24-48.	0.5	3
31	Consumption of Licit and Illicit Substances leading to Mental Illness: A Prevalence Study. EAI Endorsed Transactions on Pervasive Health and Technology, 2020, 6, 164415.	0.9	3
32	Real Time Fuzzy based Intelligent Parking Detection System Using Deep Learning Techniques. International Journal of Fuzzy Systems, 2022, 24, 2560-2568.	4.0	3
33	A Comparative Study on Speech Output System "Emacspeak". Global Journal of Enterprise Information System, 2017, 9, 54.	0.1	1
34	Improved filtration step for mining association rules. , 2014, , .		0
35	Evaluation of filtration and pruning approach for Apriori algorithm. , 2014, , .		0