SasiKumar Gurumurthy

List of Publications by Year
in descending order

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73	575	1306789	887659
papers	citations	7 h-index	17 g-index

80	80	80	376
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TCP-LP: low-priority service via end-point congestion control. IEEE/ACM Transactions on Networking, 2006, 14, 739-752.	2.6	86
2	Collision-Aware Routing Using Multi-Objective Seagull Optimization Algorithm for WSN-Based IoT. Sensors, 2021, 21, 8496.	2.1	53
3	A New Approach to Manage Security against Neighborhood Attacks in Social Networks. , 2010, , .		37
4	Image segmentation using spatial intuitionistic fuzzy C means clustering. , 2014, , .		33
5	A new approach to soft sets, soft multisets and their properties. International Journal of Reasoning-based Intelligent Systems, 2015, 7, 244.	0.1	31
6	Hadoop based uncertain possibilistic kernelized c-means algorithms for image segmentation and a comparative analysis. Applied Soft Computing Journal, 2016, 46, 886-923.	4.1	26
7	Rough intuitionistic fuzzy C-means algorithm and a comparative analysis. , 2013, , .		20
8	Diagnosis of ADHD using SVM algorithm. , 2010, , .		19
9	SDR: An algorithm for clustering categorical data using rough set theory. , 2011, , .		18
10	On intuitionistic fuzzy soft set and its application in group decision making. , 2016, , .		18
11	An algorithm to achieve k-anonymity and l-diversity anonymisation in social networks. , 2012, , .		17
12	A fast p-sensitive l-diversity Anonymisation algorithm. , 2011, , .		12
13	Reinforcement learning approach towards effective content recommendation in MOOC environments. , 2014, , .		12
14	A comparative study of RIFCM with other related algorithms from their suitability in analysis of satellite images using other supporting techniques. Kybernetes, 2014, 43, 53-81.	1.2	11
15	Possibilistic rough fuzzy C-means algorithm in data clustering and image segmentation. , 2014, , .		11
16	Covering Rough Clustering Approach for Unstructured Activity Analysis. International Journal of Intelligent Information Technologies, 2016, 12, 1-11.	0.5	11
17	A generic hybrid recommender system based on neural networks. , 2014, , .		10
18	Kernel based K-means clustering using rough set. , 2012, , .		9

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19	Induction of fuzzy decision trees and its refinement using gradient projected-neuro-fuzzy decision tree. International Journal of Advanced Intelligence Paradigms, 2014, 6, 346.	0.2	9
20	Covering Based Rough Equivalence of Sets and Comparison of Knowledge. , 2009, , .		7
21	Efficiency analysis of kernel functions in uncertainty based c-means algorithms. , 2015, , .		6
22	An optimal rough fuzzy clustering algorithm using particle swarm optimisation. International Journal of Data Mining, Modelling and Management, 2015, 7, 257.	0.1	6
23	Soft Computing and Medical Bioinformatics. SpringerBriefs in Applied Sciences and Technology, 2019, , .	0.2	6
24	A novel fuzzy c-means approach with bit plane algorithm for classification of medical images. , 2013, , .		5
25	On the approximate equalities of multigranular rough sets and approximate reasoning. , 2013, , .		5
26	Image retrieval using latent feature learning by deep architecture. , 2014, , .		5
27	On Covering Based Pessimistic Multigranular Rough Sets. , 2014, , .		5
28	A decision theoretic rough fuzzy c-means algorithm. , 2015, , .		5
29	On PRIFCM algorithm for data clustering, image segmentation and comparative analysis. , 2015, , .		5
30	Soft granular computing based classification using hybrid fuzzy-KNN-SVM. Intelligent Decision Technologies, 2016, 10, 115-128.	0.6	4
31	Age at onset of first suicide attempt: Exploring the utility of a potential candidate variable to subgroup attempters. Asian Journal of Psychiatry, 2018, 37, 40-45.	0.9	4
32	Deep Q-Network with Reinforcement Learning for Fault Detection in Cyber-Physical Systems. Journal of Circuits, Systems and Computers, 2022, 31, .	1.0	4
33	Neighbourhood systems based knowledge acquisition using MapReduce from Big Data over cloud computing. , 2014, , .		3
34	Privacy preserving anonymization of social networks using eigenvector centrality approach. Intelligent Data Analysis, 2016, 20, 543-560.	0.4	3
35	Design and Implementation of Intelligent System to Detect Malicious Facebook Posts Using Support Vector Machine (SVM). SpringerBriefs in Applied Sciences and Technology, 2019, , 17-24.	0.2	3
36	Design and implementation assertive structure aimed at visually impaired people using artificial intelligence techniques. Materials Today: Proceedings, 2021, , .	0.9	3

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37	Exploring Incidence-Prevalence Patterns in Spatial Epidemiology via Neighborhood Rough Sets. International Journal of Healthcare Information Systems and Informatics, 2017, 12, 30-43.	1.0	3
38	An improved scheduling scheme for the management of online laboratories. , 2011, , .		2
39	Algebric properties of rough sets using topological characterisations and approximate equalities. , 2013, , .		2
40	A bag theoretic fuzzy count and cardinality of fuzzy sets. , 2013, , .		2
41	GASNA. , 2013, , .		2
42	Multi Dimensional Analysis of Learning Experiences over the E-learning Environment for Effective Retrieval of LOs. , 2014, , .		2
43	A refined rough fuzzy clustering algorithm. , 2014, , .		2
44	An integrated covering-based rough fuzzy set clustering approach for sequential data. International Journal of Reasoning-based Intelligent Systems, 2015, 7, 296.	0.1	2
45	Interval-valued intuitionistic fuzzy parameterized soft set theory and its application in decision-making. , 2016, , .		2
46	Alpha-anonymization techniques for privacy preservation in social networks. Social Network Analysis and Mining, 2016, 6, 1.	1.9	2
47	Epilepsy analysis using open source EDF tools for information science and data analytics. International Journal of Communication Systems, 2020, 33, e4095.	1.6	2
48	Artificial Intelligence Systems and Expert Systems: An Overview of Recent Trends and Roles in Information Science and Data Analytics. Lecture Notes in Electrical Engineering, 2020, , 1804-1812.	0.3	2
49	Some new properties of lists and a framework of a list theoretic relation model. , 2012, , .		2
50	Cognitive linear discriminant regression computing technique for HTTP video services in SDN networks. Soft Computing, 0, , 1.	2.1	2
51	Faster rule induction algorithms using rough set theory. , 2011, , .		1
52	Generalised approximate equalities based on rough fuzzy sets & rough measures of fuzzy sets. , 2013, , .		1
53	On algebraic and topological properties of Neighbourhood Based Multigranular Rough Sets. , 2014, , .		1
54	Non-cryptographic security to data: Distortion based anonymization techniques. , 2014, , .		1

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55	Privacy Preservation in Social networks through alpha. , 2015, , .		1
56	Neighbourhood rough set model for knowledge acquisition using MapReduce. International Journal of Communication Networks and Distributed Systems, 2015, 15, 212.	0.3	1
57	DATA ANALYTICS IN SPATIAL EPIDEMIOLOGY: A SURVEY. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	1
58	Computational Intelligence Techniques in Diagnosis of Brain Diseases. SpringerBriefs in Applied Sciences and Technology, 2018, , .	0.2	1
59	Analysis of Electroencephalogram (EEG) Using ANN. SpringerBriefs in Applied Sciences and Technology, 2018, , 13-32.	0.2	1
60	Design and Development of an Internet of Things (IoT)-Based Anti-Theft System in Museum Cultural Relics Using RFID. Advances in Wireless Technologies and Telecommunication Book Series, 2022, , 168-180.	0.3	1
61	Covering Based Optimistic Multigranular Approximate Rough Equalities and their Properties. International Journal of Intelligent Systems and Applications, 2016, 8, 70-79.	0.9	1
62	A Comparative Analysis of Depth Computation of Leukaemia Images using a Refined Bit Plane and Uncertainty Based Clustering Techniques. Cybernetics and Information Technologies, 2015, 15, 126-146.	0.4	1
63	Applications of Short Message Service and WAP in Operating Remotely Triggered Laboratories. International Journal of Online and Biomedical Engineering, 2011, 7, 20.	0.9	0
64	Effective rule induction using incremental approach for a dynamic information system. , 2011, , .		0
65	On intuitionistic fuzzy measures and the count of intuitionistic fuzzy sets. , 2013, , .		0
66	On Some Generalized Relations. , 2014, , .		0
67	Intelligent Technique for Signal Processing to Identify the Brain Disorder for Epilepsy Captures Using Fuzzy Systems. MATEC Web of Conferences, 2016, 61, 06004.	0.1	0
68	Identification of Critical Genes in Autism Disorder Using Centrality Measures. SpringerBriefs in Applied Sciences and Technology, 2018, , 113-121.	0.2	0
69	Methods for Finding Brain Diseases Like Epilepsy and Alzheimers. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 715-719.	0.5	0
70	Implementation of Signal Processing Algorithms on Epileptic EEG Signals. Advances in Intelligent Systems and Computing, 2020, , 367-376.	0.5	0
71	Intelligent Technique to Identify Epilepsy Captures Using Fuzzy System. SpringerBriefs in Applied Sciences and Technology, 2018, , 47-60.	0.2	0
72	Intelligent Technique to Identify Epilepsy Using Fuzzy Firefly System for Brain Signal Processing. Advances in Computational Intelligence and Robotics Book Series, 2018, , 400-412.	0.4	0

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73	Web User Clustering Techniques for Recommendation Systems. Lecture Notes in Electrical Engineering, 2020, , 1885-1895.	0.3	0