

# SasiKumar Gurumurthy

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

575  
citations

1306789

7  
h-index

887659

17  
g-index

80  
all docs

80  
docs citations

80  
times ranked

376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Development of an Internet of Things (IoT)-Based Anti-Theft System in Museum Cultural Relics Using RFID. <i>Advances in Wireless Technologies and Telecommunication Book Series</i> , 2022, , 168-180.	0.3	1
2	Deep <i>Q</i>-Network with Reinforcement Learning for Fault Detection in Cyber-Physical Systems. <i>Journal of Circuits, Systems and Computers</i> , 2022, 31, .	1.0	4
3	Design and implementation assertive structure aimed at visually impaired people using artificial intelligence techniques. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	3
4	Collision-Aware Routing Using Multi-Objective Seagull Optimization Algorithm for WSN-Based IoT. <i>Sensors</i> , 2021, 21, 8496.	2.1	53
5	Methods for Finding Brain Diseases Like Epilepsy and Alzheimers. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2020, , 715-719.	0.5	0
6	Epilepsy analysis using open source EDF tools for information science and data analytics. <i>International Journal of Communication Systems</i> , 2020, 33, e4095.	1.6	2
7	Implementation of Signal Processing Algorithms on Epileptic EEG Signals. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 367-376.	0.5	0
8	Artificial Intelligence Systems and Expert Systems: An Overview of Recent Trends and Roles in Information Science and Data Analytics. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 1804-1812.	0.3	2
9	Web User Clustering Techniques for Recommendation Systems. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 1885-1895.	0.3	0
10	Soft Computing and Medical Bioinformatics. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , .	0.2	6
11	Design and Implementation of Intelligent System to Detect Malicious Facebook Posts Using Support Vector Machine (SVM). <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 17-24.	0.2	3
12	Identification of Critical Genes in Autism Disorder Using Centrality Measures. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018, , 113-121.	0.2	0
13	Computational Intelligence Techniques in Diagnosis of Brain Diseases. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018, , .	0.2	1
14	Analysis of Electroencephalogram (EEG) Using ANN. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018, , 13-32.	0.2	1
15	Age at onset of first suicide attempt: Exploring the utility of a potential candidate variable to subgroup attempters. <i>Asian Journal of Psychiatry</i> , 2018, 37, 40-45.	0.9	4
16	Intelligent Technique to Identify Epilepsy Captures Using Fuzzy System. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018, , 47-60.	0.2	0
17	Intelligent Technique to Identify Epilepsy Using Fuzzy Firefly System for Brain Signal Processing. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2018, , 400-412.	0.4	0
18	Exploring Incidence-Prevalence Patterns in Spatial Epidemiology via Neighborhood Rough Sets. <i>International Journal of Healthcare Information Systems and Informatics</i> , 2017, 12, 30-43.	1.0	3

#	ARTICLE	IF	CITATIONS
19	DATA ANALYTICS IN SPATIAL EPIDEMIOLOGY: A SURVEY. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	1
20	Covering Rough Clustering Approach for Unstructured Activity Analysis. International Journal of Intelligent Information Technologies, 2016, 12, 1-11.	0.5	11
21	Soft granular computing based classification using hybrid fuzzy-KNN-SVM. Intelligent Decision Technologies, 2016, 10, 115-128.	0.6	4
22	Privacy preserving anonymization of social networks using eigenvector centrality approach. Intelligent Data Analysis, 2016, 20, 543-560.	0.4	3
23	On intuitionistic fuzzy soft set and its application in group decision making. , 2016, , .		18
24	Interval-valued intuitionistic fuzzy parameterized soft set theory and its application in decision-making. , 2016, , .		2
25	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
26	Alpha-anonymization techniques for privacy preservation in social networks. Social Network Analysis and Mining, 2016, 6, 1.	1.9	2
27	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
28	Covering Based Optimistic Multigranular Approximate Rough Equalities and their Properties. International Journal of Intelligent Systems and Applications, 2016, 8, 70-79.	0.9	1
29	A decision theoretic rough fuzzy c-means algorithm. , 2015, , .		5
30	Privacy Preservation in Social networks through alpha. , 2015, , .		1
31	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
32	Efficiency analysis of kernel functions in uncertainty based c-means algorithms. , 2015, , .		6
33	Neighbourhood rough set model for knowledge acquisition using MapReduce. International Journal of Communication Networks and Distributed Systems, 2015, 15, 212.	0.3	1
34	On PRIFCM algorithm for data clustering, image segmentation and comparative analysis. , 2015, , .		5
35	An optimal rough fuzzy clustering algorithm using particle swarm optimisation. International Journal of Data Mining, Modelling and Management, 2015, 7, 257.	0.1	6
36	A new approach to soft sets, soft multisets and their properties. International Journal of Reasoning-based Intelligent Systems, 2015, 7, 244.	0.1	31

#	ARTICLE	IF	CITATIONS
37	A Comparative Analysis of Depth Computation of Leukaemia Images using a Refined Bit Plane and Uncertainty Based Clustering Techniques. <i>Cybernetics and Information Technologies</i> , 2015, 15, 126-146.	0.4	1
38	Induction of fuzzy decision trees and its refinement using gradient projected-neuro-fuzzy decision tree. <i>International Journal of Advanced Intelligence Paradigms</i> , 2014, 6, 346.	0.2	9
39	Multi Dimensional Analysis of Learning Experiences over the E-learning Environment for Effective Retrieval of LOs. , 2014, , .		2
40	A comparative study of RIFCM with other related algorithms from their suitability in analysis of satellite images using other supporting techniques. <i>Kybernetes</i> , 2014, 43, 53-81.	1.2	11
41	On Some Generalized Relations. , 2014, , .		0
42	A refined rough fuzzy clustering algorithm. , 2014, , .		2
43	Image segmentation using spatial intuitionistic fuzzy C means clustering. , 2014, , .		33
44	On algebraic and topological properties of Neighbourhood Based Multigranular Rough Sets. , 2014, , .		1
45	Non-cryptographic security to data: Distortion based anonymization techniques. , 2014, , .		1
46	Possibilistic rough fuzzy C-means algorithm in data clustering and image segmentation. , 2014, , .		11
47	Image retrieval using latent feature learning by deep architecture. , 2014, , .		5
48	Neighbourhood systems based knowledge acquisition using MapReduce from Big Data over cloud computing. , 2014, , .		3
49	On Covering Based Pessimistic Multigranular Rough Sets. , 2014, , .		5
50	Reinforcement learning approach towards effective content recommendation in MOOC environments. , 2014, , .		12
51	A generic hybrid recommender system based on neural networks. , 2014, , .		10
52	A novel fuzzy c-means approach with bit plane algorithm for classification of medical images. , 2013, , .		5
53	Algebraic properties of rough sets using topological characterisations and approximate equalities. , 2013, , .		2
54	A bag theoretic fuzzy count and cardinality of fuzzy sets. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
55	Rough intuitionistic fuzzy C-means algorithm and a comparative analysis. , 2013, , .		20
56	GASNA. , 2013, , .		2
57	On the approximate equalities of multigranular rough sets and approximate reasoning. , 2013, , .		5
58	On intuitionistic fuzzy measures and the count of intuitionistic fuzzy sets. , 2013, , .		0
59	Generalised approximate equalities based on rough fuzzy sets & rough measures of fuzzy sets. , 2013, , .		1
60	An algorithm to achieve k-anonymity and l-diversity anonymisation in social networks. , 2012, , .		17
61	Kernel based K-means clustering using rough set. , 2012, , .		9
62	Some new properties of lists and a framework of a list theoretic relation model. , 2012, , .		2
63	An improved scheduling scheme for the management of online laboratories. , 2011, , .		2
64	SDR: An algorithm for clustering categorical data using rough set theory. , 2011, , .		18
65	A fast p-sensitive l-diversity Anonymisation algorithm. , 2011, , .		12
66	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
67	Effective rule induction using incremental approach for a dynamic information system. , 2011, , .		0
68	Faster rule induction algorithms using rough set theory. , 2011, , .		1
69	Diagnosis of ADHD using SVM algorithm. , 2010, , .		19
70	A New Approach to Manage Security against Neighborhood Attacks in Social Networks. , 2010, , .		37
71	Covering Based Rough Equivalence of Sets and Comparison of Knowledge. , 2009, , .		7
72	TCP-LP: low-priority service via end-point congestion control. IEEE/ACM Transactions on Networking, 2006, 14, 739-752.	2.6	86

#	ARTICLE	IF	CITATIONS
73	Cognitive linear discriminant regression computing technique for HTTP video services in SDN networks. <i>Soft Computing</i> , 0, , 1.	2.1	2