Sabu M Thampi

List of Publications by Year
in descending order

91	635	759055	713332
papers	citations	12	21
		h-index	g-index

101	101	101	612
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Psychologically Inspired Fuzzy Cognitive Deep Learning Framework to Predict Crowd Behavior. IEEE Transactions on Affective Computing, 2022, 13, 1005-1022.	5.7	21
2	A trust management framework using forest fire model to propagate emergency messages in the Internet of Vehicles (IoV). Vehicular Communications, 2022, 33, 100404.	2.7	5
3	Combinatorial Analysis for Securing IoT-Assisted Industry 4.0 Applications From Vulnerability-Based Attacks. IEEE Transactions on Industrial Informatics, 2022, 18, 3-15.	7.2	10
4	Towards the cognitive and psychological perspectives of crowd behaviour: a vision-based analysis. Connection Science, 2021, 33, 380-405.	1.8	7
5	Speaker Identification Approach for theÂPost-pandemic Era of Internet ofÂThings. Lecture Notes in Electrical Engineering, 2021, , 573-592.	0.3	2
6	A Cognitive IoT Smart Surveillance Framework for Crowd Behavior Analysis. , 2021, , .		3
7	A Systematic Review on the Influence of User Personality in Rumor and Misinformation Propagation Through Social Networks. Communications in Computer and Information Science, 2021, , 216-242.	0.4	4
8	A psychologically-inspired fuzzy-based approach for user personality prediction in rumor propagation across social networks. Journal of Intelligent and Fuzzy Systems, 2021, 41, 5425-5439.	0.8	2
9	Visual Attention based Cognitive Informative Frame Extraction Method for Smart Crowd Surveillance. , 2021, , .		1
10	A multimodal deep fusion graph framework to detect social distancing violations and FCGs in pandemic surveillance. Engineering Applications of Artificial Intelligence, 2021, 103, 104305.	4.3	8
11	Anomaly Detection in UASN Localization Based on Time Series Analysis and Fuzzy Logic. Mobile Networks and Applications, 2020, 25, 55-67.	2.2	5
12	A psychology-inspired trust model for emergency message transmission on the Internet of Vehicles (IoV). International Journal of Computers and Applications, 2020, , 1-11.	0.8	2
13	Soft computing and intelligent systems: techniques and applications. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6187-6191.	0.8	0
14	Application of Cognitive Computing for Smart Crowd Management. IT Professional, 2020, 22, 43-50.	1.4	6
15	Deep Learning Approaches for IoT Security in the Big Data Era. Advanced Sciences and Technologies for Security Applications, 2020, , 105-135.	0.4	2
16	Secure Big Data Transmission with Trust Management for the Internet of Things (IoT). Advanced Sciences and Technologies for Security Applications, 2020, , 1-27.	0.4	0
17	User Recognition Using Cognitive Psychology Based Behavior Modeling inÂOnline Social Networks. Communications in Computer and Information Science, 2020, , 130-149.	0.4	2
18	Nighttime visual refinement techniques for surveillance video: a review. Multimedia Tools and Applications, 2019, 78, 32137-32158.	2.6	6

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19	Vulnerability-based risk assessment and mitigation strategies for edge devices in the Internet of Things. Pervasive and Mobile Computing, 2019, 59, 101068.	2.1	22
20	A Graph-Based Decision Support Model for Vulnerability Analysis in IoT Networks. Communications in Computer and Information Science, 2019, , 1-23.	0.4	5
21	Soft computing and intelligent systems: techniques and applications. Journal of Intelligent and Fuzzy Systems, 2019, 36, 1939-1944.	0.8	0
22	Unsupervised anomaly detection in underwater acoustic sensor networks. Journal of Intelligent and Fuzzy Systems, 2019, 36, 2367-2372.	0.8	1
23	A nature - inspired approach based on Forest Fire model for modeling rumor propagation in social networks. Journal of Network and Computer Applications, 2019, 125, 28-41.	5.8	41
24	â€œThink Before You Postâ€! A Cognitive Psychological Approach for Limiting Bullying in Social Media. Communications in Computer and Information Science, 2019, , 418-434.	0.4	2
25	Fail Safe Routing Algorithm for Green Wireless Nano Body Sensor Network (GWNBSN). EAI/Springer Innovations in Communication and Computing, 2019, , 131-149.	0.9	1
26	Dark Web and Its Research Scopes. Advances in Digital Crime, Forensics, and Cyber Terrorism, 2019, , 240-268.	0.4	0
27	Securing Smart Healthcare Systems from Vulnerability Exploitation. Communications in Computer and Information Science, 2019, , 295-308.	0.4	1
28	Nature-inspired approaches for social network security. , 2019, , 277-311.		0
29	Soft computing and intelligent systems: Techniques and applications. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1237-1241.	0.8	0
30	An author-specific-model-based authorship analysis using psycholinguistic aspects and style word patterns. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1453-1466.	0.8	1
31	Linguistic Feature Based Filtering Mechanism for Recommending Posts in a Social Networking Group. IEEE Access, 2018, 6, 4470-4484.	2.6	8
32	Evaluating color and texture features for forgery localization from illuminant maps. Multimedia Tools and Applications, 2018, 77, 21131-21161.	2.6	4
33	Illuminant Color Inconsistency as a Powerful Clue for Detecting Digital Image Forgery: A Survey. Advances in Intelligent Systems and Computing, 2018, , 279-297.	0.5	0
34	A Graph-Based Security Framework for Securing Industrial IoT Networks From Vulnerability Exploitations. IEEE Access, 2018, 6, 43586-43601.	2.6	76
35	A Deep Learning Approach to Predict Crowd Behavior Based on Emotion. Lecture Notes in Computer Science, 2018, , 296-307.	1.0	15
36	Voice Biometrics. Advances in Computer and Electrical Engineering Book Series, 2018, , 360-389.	0.2	3

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37	IoT-Based Smart Surveillance: Role of Sensor Data Analytics and Mobile Crowd Sensing in Crowd Behavior Analysis. , 2018, , 45-76.		1
38	Self-organized night video enhancement for surveillance systems. Signal, Image and Video Processing, 2017, 11, 57-64.	1.7	6
39	Special issue on Underwater Acoustic Sensor Networks: Emerging trends and current perspectives. Journal of Network and Computer Applications, 2017, 92, 1-2.	5.8	1
40	Digital image forgery detection using compact multi-texture representation. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3177-3188.	0.8	30
41	Predicting cancer subtypes from microarray data using semi-supervised fuzzy C-means algorithm. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2797-2805.	0.8	4
42	A fuzzy fusion approach to enlighten theÂilluminated regions of night surveillanceÂvideos. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3143-3149.	0.8	3
43	Special issue on soft computing and intelligent systems: Tools, techniques and applications. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2791-2796.	0.8	1
44	Authorship Analysis of Social Media Contents Using Tone and Personality Features. Lecture Notes in Computer Science, 2017, , 212-228.	1.0	7
45	Detecting Spliced Face Using Texture Analysis. Lecture Notes in Computer Science, 2017, , 805-813.	1.0	0
46	Recolorizing dark regions to enhance night surveillance video. Multimedia Tools and Applications, 2017, 76, 24477-24493.	2.6	2
47	Fault-resilient localization for underwater sensor networks. Ad Hoc Networks, 2017, 55, 132-142.	3.4	49
48	Fine-Grained, Multi-key Search Control inÂMulti-user Searchable Encryption. Lecture Notes in Computer Science, 2017, , 814-825.	1.0	2
49	Simulation Tools for Underwater Sensor Networks: A Survey. Network Protocols and Algorithms, 2017, 8, 41.	1.0	33
50	A Privacy Preserving and Safety-Aware Semi-supervised Model for Dissecting Cancer Samples. Lecture Notes in Computer Science, 2017, , 129-138.	1.0	0
51	A Color Image Segmentation Scheme for Extracting Foreground from Images with Unconstrained Lighting Conditions. Advances in Intelligent Systems and Computing, 2016, , 3-19.	0.5	5
52	Mutual Authentication Based on HECC for RFID Implant Systems. Communications in Computer and Information Science, 2016, , 18-29.	0.4	2
53	A Discrete Krill Herd Method with Multilayer Coding Strategy for Flexible Job-Shop Scheduling Problem. Advances in Intelligent Systems and Computing, 2016, , 201-215.	0.5	7
54	A Metaheuristic Approach for Simultaneous Gene Selection and Clustering of Microarray Data. Advances in Intelligent Systems and Computing, 2016, , 449-461.	0.5	2

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55	Encryption Scheme Based on Hyperelliptic Curve Cryptography. Lecture Notes in Computer Science, 2016, , 491-506.	1.0	2
56	Unsupervised gene selection using particle swarm optimization and k-means. , 2015, , .		2
57	Detecting spliced face in a group photo using PCA. , 2015, , .		4
58	Day color transfer based night video enhancement for surveillance system. , 2015, , .		9
59	Hallmarking Author Style from Short Texts by Multi-Classifier Using Enhanced Feature Set. , 2015, , .		2
60	A Secure Verifiable Scheme for Secret Image Sharing. Procedia Computer Science, 2015, 58, 140-150.	1.2	12
61	Single Anchor Node Based Localization in Mobile Underwater Wireless Sensor Networks. Lecture Notes in Computer Science, 2015, , 757-770.	1.0	6
62	Advances in Intelligent Informatics. Advances in Intelligent Systems and Computing, 2015, , .	0.5	13
63	Brightness distribution based image tampering detection. , 2015, , .		5
64	PSO based feature selection for clustering gene expression data. , 2015, , .		8
65	Security in Computing and Communications. Communications in Computer and Information Science, 2015, , .	0.4	3
66	Secure communication in mobile underwater wireless sensor networks. , 2015, , .		15
67	Intelligent Distributed Computing. Advances in Intelligent Systems and Computing, 2015, , .	0.5	3
68	Location-Based Mutual and Mobile Information Navigation System: Lemmings. Advances in Intelligent Systems and Computing, 2015, , 161-171.	0.5	1
69	Authorship Analysis. Advances in Digital Crime, Forensics, and Cyber Terrorism, 2015, , 173-194.	0.4	0
70	Recent Advances in Intelligent Informatics. Advances in Intelligent Systems and Computing, 2014, , .	0.5	5
71	Advances in Signal Processing and Intelligent Recognition Systems. Advances in Intelligent Systems and Computing, 2014, , .	0.5	14
72	Security in Computing and Communications. Communications in Computer and Information Science, 2014, , .	0.4	2

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73	A Novel Disease Outbreak Prediction Model for Compact Spatial-Temporal Environments. Advances in Intelligent Systems and Computing, 2014, , 439-450.	0.5	2
74	Classifying Sonar Signals Using an Incremental Data Stream Mining Methodology with Conflict Analysis. Advances in Intelligent Systems and Computing, 2014, , 171-182.	0.5	1
75	Framework of Lightweight Secure Media Transfer for Mobile Law Enforcement Apps. Communications in Computer and Information Science, 2014, , 211-220.	0.4	0
76	Discriminating most urgent trajectories in a road network using density based online clustering. , 2013, , .		0
77	P2P Video Streaming. , 2013, , 37-95.		4
78	Cache based approach for improving location based query processing in mobile environment. , 2012, , .		0
79	Sybil resilient identity distribution in P2P networks. , 2012, , .		0
80	Hexagonal groups based key management using deployment knowledge in wireless sensor networks. , 2012, , .		0
81	Recent Trends in Computer Networks and Distributed Systems Security. Communications in Computer and Information Science, 2012, , .	0.4	2
82	Advances in Computing and Communications. Communications in Computer and Information Science, 2011, , .	0.4	0
83	Advances in Computing and Communications. Communications in Computer and Information Science, 2011, , .	0.4	3
84	An ACO Algorithm for Effective Cluster Head Selection. Journal of Advances in Information Technology, 2011, 2, .	2.6	10
85	Anonymous and Secured Communication Using OLSR in MANET. Communications in Computer and Information Science, 2011, , 145-154.	0.4	2
86	â€œQ-Feedâ€â€"An Effective Solution for the Free-Riding Problem in Unstructured P2P Networks. International Journal of Digital Multimedia Broadcasting, 2010, 2010, 1-14.	0.4	2
87	SURVEY OF SEARCH AND REPLICATION SCHEMES IN UNSTRUCTURED P2P NETWORKS. Network Protocols and Algorithms, 2010, 2, .	1.0	35
88	Elephants journey towards successful resource discovery in unstructured P2P networks. , 2009, , .		0
89	Q-learning based collaborative load balancing using distributed search for unstructured P2P networks. , 2008, , .		5
90	Autonomous Data Replication Using Q-Learning for Unstructured P2P Networks. , 2007, , .		12

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91	Authorship Analysis. , 0, , 1196-1217.		0