Manohara M M Pai

List of Publications by Year
in descending order

78	979	687220	580701
papers	**citations**	**13**	**25**
		h-index	**g-index**

81	81	81	727
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	UVid-Net: Enhanced Semantic Segmentation of UAV Aerial Videos by Embedding Temporal Information. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4115-4127.	2.3	35
2	Electromagnetic Metamaterials: A New Paradigm of Antenna Design. IEEE Access, 2021, 9, 18722-18751.	2.6	71
3	Standard electronic health record (EHR) framework for Indian healthcare system. Health Services and Outcomes Research Methodology, 2021, 21, 339-362.	0.8	46
4	DeepRivWidth : Deep learning based semantic segmentation approach for river identification and width measurement in SAR images of Coastal Karnataka. Computers and Geosciences, 2021, 154, 104805.	2.0	30
5	Novel ensemble of optimized CNN and dynamic selection techniques for accurate Covid-19 screening using chest CT images. Computers in Biology and Medicine, 2021, 137, 104835.	3.9	19
6	Modified crop health monitoring and pesticide spraying system using NDVI and Semantic Segmentation: An AGROCOPTER based approach. , 2021, , .		1
7	LSTM-Based Prediction of Water Quality Parameters System in Backwaters. , 2021, , .		3
8	Synthetic Vertebral Column Fracture Image Generation by Deep Convolution Generative Adversarial Networks. , 2021, , .		0
9	Share price prediction of Indian Stock Markets using timeseries data - A Deep Learning Approach. , 2021, , .		0
10	Knowledge Graph for Aquaculture Recommendation System. , 2021, , .		0
11	Exploring Techniques for Photo-realistic Image Generation from 3D Models - A Deep Learning Approach. , 2021, , .		0
12	A 20â€"44 GHz Wideband LNA Design Using the SiGe Technology for 5G Millimeter-Wave Applications. Micromachines, 2021, 12, 1520.	1.4	2
13	Improved Semantic Segmentation of Water Bodies and Land in SAR Images Using Generative Adversarial Networks. International Journal of Semantic Computing, 2020, 14, 55-69.	0.4	29
14	Computer Vision Based Fish Tracking And Behaviour Detection System. , 2020, , .		7
15	A quad band planar slotted microstrip patch antenna for wireless applications. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1477-1485.	0.6	4
16	Security framework for cloud based electronic health record (EHR) system. International Journal of Electrical and Computer Engineering, 2020, 10, 455.	0.5	11
17	A preliminary study of real-time capturing and sharing of routine health data among the public health professionals. Indian Journal of Community Medicine, 2020, 45, 176.	0.2	4
18	Detection and Control of Phishing Attack in Electronic Medical Record Application. Lecture Notes in Electrical Engineering, 2020, , 975-985.	0.3	0

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19	Performance Characterization of a Microstrip Patch Antenna on Multiple Substrate. Lecture Notes in Electrical Engineering, 2020, , 79-89.	0.3	0
20	Semantic Segmentation of UAV Videos based on Temporal Smoothness in Conditional Random Fields. , 2020, , .		1
21	An ontology-based decision support system for nutrition deficiency. , 2020, , .		1
22	Efficient Vehicle Counting by Eliminating Identical Vehicles in UAV aerial videos. , 2020, , .		0
23	Performance Analysis of Semantic Segmentation Algorithms for Finely Annotated New UAV Aerial Video Dataset (ManipalUAVid). IEEE Access, 2019, 7, 136239-136253.	2.6	26
24	Semantic Segmentation of UAV Aerial Videos using Convolutional Neural Networks. , 2019, , .		4
25	Design Techniques of Super-Wideband Antennaâ€"Existing and Future Prospective. IEEE Access, 2019, 7, 141241-141257.	2.6	62
26	Mobile Learning Recommender System Based on Learning Styles. Advances in Intelligent Systems and Computing, 2019, , 299-312.	0.5	6
27	Development of Smart Sole based Foot Ulcer Prediction System. , 2019, , .		4
28	Rule based adaptive user interface for adaptive E-learning system. Education and Information Technologies, 2019, 24, 613-641.	3.5	54
29	Framework to predict NPA/Willful defaults in corporate loans: a big data approach. International Journal of Electrical and Computer Engineering, 2019, 9, 3786.	0.5	3
30	Prediction of the Movement of Nodes and Evaluating the Impact of Mobility Model in Underwater Sensor Network for Aquaculture Application. , 2018, , .		1
31	Knowledge Base Ontology Building For Fraud Detection Using Topic Modeling. Procedia Computer Science, 2018, 135, 369-376.	1.2	11
32	Private cloud solution for Securing and Managing Patient Data in Rural Healthcare System. Procedia Computer Science, 2018, 135, 688-699.	1.2	10
33	Adaptive User Interface for Moodle based E-learning System using Learning Styles. Procedia Computer Science, 2018, 135, 606-615.	1.2	43
34	Design and implementation of aquaculture resource planning using underwater sensor wireless network. Cogent Engineering, 2018, 5, 1542576.	1.1	8
35	Energy Efficient Message Priority Based Routing Protocol for Aquaculture Applications Using Underwater Sensor Network. Wireless Personal Communications, 2018, 103, 1871-1894.	1.8	12
36	Analysis of vehicle speed limit and air pollution load for identifying road conditions in India: An empirical study for smart city. , 2017, , .		0

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37	Emergency Medical Service for Patients with Cardiovascular Disease Based on Internet of Things. Advanced Science Letters, 2017, 23, 3714-3717.	0.2	1
38	Credit Risk Assessment Using Machine Learning Algorithms. Advanced Science Letters, 2017, 23, 3649-3653.	0.2	11
39	Assessment of water parameters using Z-test for planning of aqua monitoring system using underwater sensor. , 2017, , .		1
40	Prediction of Learnerâ€™s Profile based on Learning Styles in Adaptive E-learning System. International Journal of Emerging Technologies in Learning, 2017, 12, 31.	0.8	40
41	Cloud Enabled Standard Electronic Health Record Architecture for Indian Healthcare Sector. Indian Journal of Public Health Research and Development, 2017, 8, 554.	0.1	1
42	Development and Composition of E-Learning Web Services Using Service Oriented Architecture. Advanced Science Letters, 2017, 23, 3704-3708.	0.2	1
43	Cloud-Enabled Smart Health Monitoring of Vehicles: An ITS Application. Advanced Science Letters, 2017, 23, 3709-3713.	0.2	1
44	Congestion Free Vehicular Path Planning System: A Real-Time Cloud-Enabled ITS Application. Advanced Science Letters, 2017, 23, 3674-3678.	0.2	1
45	Prediction Models for Indian Stock Market. Procedia Computer Science, 2016, 89, 441-449.	1.2	92
46	An Improved Algorithm for Video Summarization â€“ A Rank Based Approach. Procedia Computer Science, 2016, 89, 812-819.	1.2	30
47	Cloud-enabled vehicular congestion estimation: An ITS application. , 2016, , .		2
48	XML Based Pre-processing and Analysis of Log Data in Adaptive E-Learning System: An Algorithmic Approach. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 135-143.	0.2	1
49	Stock market prediction: A big data approach. , 2015, , .		47
50	Adaptive user interface for e-learning applications based on learning styles using Web Logs analysis: A hybrid cloud architecture. , 2015, , .		2
51	Transport and traffic rule violation monitoring service in ITS: A secured VANET cloud application. , 2015, , .		18
52	Modified Literature Based Approach to Identify Learning Styles in Adaptive E-Learning. Smart Innovation, Systems and Technologies, 2014, , 555-564.	0.5	2
53	Mitigation of insider and outsider DoS attack against signature based authentication in VANETs. , 2014, , .		14
54	Improvizmg the public key infrastructure to build trust architecture for VANET by using short-time certificate management and Merkle Signature Scheme. , 2014, , .		2

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55	Cloud enabled secure communication in Vehicular Ad-hoc Networks. , 2014, , .		3
56	Cluster-Based Routing for Optimal Communication in Port Logistics. Advances in Intelligent Systems and Computing, 2014, , 863-872.	0.5	0
57	Secure Adaptive Traffic Lights System for VANETs. Advances in Intelligent Systems and Computing, 2014, , 873-883.	0.5	0
58	An optimized adaptive algorithm for authentication of safety critical messages in VANET. , 2013, , .		10
59	Efficient map based location service for VANETs. , 2011, , .		15
60	Modified C-DRIVE: Clustering based on direction in vehicular environment. , 2011, , .		21
61	Traffic monitoring and routing in VANETs — A cluster based approach. , 2011, , .		28
62	Interactive region of interest scalability for wavelet based scalable video coder. Journal of Real-Time Image Processing, 2011, 6, 93-100.	2.2	2
63	Performance Analysis of a Multi Window Stereo Algorithm on Small Scale Distributed Systems: A Message Passing Environment. Communications in Computer and Information Science, 2011, , 340-343.	0.4	0
64	Multipath Data Transfer in Wireless Multimedia Sensor Network. , 2010, , .		10
65	A Novel Adaptable Routing Protocol for Wireless Sensor Networks. , 2010, , .		0
66	Parallel implementation of 3D object reconstruction in a Robotic navigational environment. , 2010, , .		0
67	Scalable routing technique using road hierarchy for vehicular networks. , 2009, , .		2
68	Motion-compensated temporal filtering with optimized motion estimation. Journal of Real-Time Image Processing, 2009, 4, 329-338.	2.2	3
69	Global Public Key Algorithm for secure location service in VANET. , 2009, , .		4
70	Density aware routing using road hierarchy for vehicular networks. , 2009, , .		8
71	Map-Based Location Service for VANET. , 2009, , .		18
72	Parallel Object Motion Prediction in a Robotic Navigational Environment. Lecture Notes in Computer Science, 2009, , 435-444.	1.0	0

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73	GPSR-L: Greedy perimeter stateless routing with lifetime for VANETS. , 2008, , .		64
74	QoS in mobile networks by assigning priorities to SCTP streams. , 2008, , .		2
75	An Optimized Fuzzy Based Short Term Object Motion Prediction for Real-Life Robot Navigation Environment. Lecture Notes in Computer Science, 2008, , 114-125.	1.0	2
76	Feature Extraction Learning for Stereovision Based Robot Navigation System. , 2006, , .		0
77	Computationally Efficient MCTF for Scalable Video Coding. , 2006, , .		0
78	Cognition of free space for planning the shortest path: A framed free space approach. Pattern Recognition Letters, 2001, 22, 971-982.	2.6	9