v r sarma dhulipala

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46 papers	608 citations	12 h-index	23 g-index
53 ext. papers	748 ext. citations	1.6 avg, IF	4.84 L-index

#	Paper	IF	Citations
46	Improved SOVA decoding for UEP wireless transmission of JPEG 2000 images over MIMO-OFDM systems. *Journal of Ambient Intelligence and Humanized Computing*, **2021**, 12, 5931-5942	3.7	1
45	Fuzzy unordered rule induction algorithm based classification for reliable communication using wearable computing devices in healthcare. *Journal of Ambient Intelligence and Humanized Computing*, **2021**, 12, 3515-3526	3.7	13
44	Power Aware Hessian Multi-set Canonical Correlations Based Algorithm for Wireless Eeg Sensor Networks. *Wireless Personal Communications*, **2021**, 117, 2745-2756	1.9	0
43	Attenuation Factor approach to minimize the correlation effect in Soft Output Viterbi Algorithm. *Physical Communication*, **2020**, 39, 101021	2.2	2
42	Hybrid fuzzy based spearman rank correlation for cranial nerve palsy detection in MIoT environment. *Health and Technology*, **2020**, 10, 259-270	2.1	29
41	Improved energy efficient design in software defined wireless electroencephalography sensor networks (WESN) using distributed architecture to remove artifact. *Computer Communications*, **2020**, 152, 266-271	5.1	5
40	Accurate and Cognitive Intrusion Detection System (ACIDS): a Novel Black Hole Detection Mechanism in Mobile Ad Hoc Networks. *Mobile Networks and Applications*, **2020**, 1	2.9	8
39	Fuzzy allocation model for health care data management on IoT assisted wearable sensor platform. *Measurement: Journal of the International Measurement Confederation*, **2020**, 166, 108249	4.6	4
38	Identifying brain abnormalities from electroencephalogram using evolutionary gravitational neocognitron neural network. *Multimedia Tools and Applications*, **2020**, 79, 10609-10628	2.5	21
37	An energy persistent Range-dependent Regulated Transmission Communication model for vehicular network applications. *Computer Networks*, **2019**, 152, 144-153	5.4	58
36	Numerical Function Optimization in Brain Tumor Regions Using Reconfigured Multi-Objective Bat Optimization Algorithm. *Journal of Medical Imaging and Health Informatics*, **2019**, 9, 482-489	1.2	27
35	Developing brain abnormality recognize system using multi-objective pattern producing neural network. *Journal of Ambient Intelligence and Humanized Computing*, **2019**, 10, 3287-3295	3.7	44
34	M-CRAFT-Modified Multiplier Algorithm to Reduce Overhead in Fault Tolerance Algorithm in Wireless Sensor Networks. *Journal of Computational and Theoretical Nanoscience*, **2018**, 15, 1395-1401	0.3	9
33	Biomedical Rehabilitation: Data Error Detection and Correction Using Two Dimensional Linear Feedback Shift Register Based Cyclic Redundancy Check. *Journal of Medical Imaging and Health Informatics*, **2018**, 8, 805-808	1.2	10
32	Implementation of Elliptical Curve Point Multiplication Over Galois Field (GF(p)) in 45 Nanometer Technology. *Sensor Letters*, **2018**, 16, 632-641	0.9	2
31	Cloud based framework for diagnosis of diabetes mellitus using K-means clustering. *Health Information Science and Systems*, **2018**, 6, 16	5.1	65
30	Collaboration of Trusted Node and QoS Based Energy Multi Path Routing Protocol for Vehicular Ad Hoc Networks. *Wireless Personal Communications*, **2018**, 103, 2833-2842	1.9	13

29	Maintaining Security and Privacy in Health Care System Using Learning Based Deep-Q-Networks. *Journal of Medical Systems*, **2018**, 42, 186	5.1	121
28	Secure and compact implementation of optimized Montgomery multiplier based elliptic curve cryptography on FPGA with road vehicular traffic collecting protocol for VANET application. *International Journal of Heavy Vehicle Systems*, **2018**, 25, 485	0.5	7
27	Trust management technique in wireless sensor networks: challenges and issues for reliable communication: a review. *CSI Transactions on ICT*, **2017**, 5, 281-294	0.4	9
26	Mobile Phone Sensing Mechanism for Stress Relaxation using Sensor Networks: A Survey. *Wireless Personal Communications*, **2016**, 86, 1013-1022	1.9	11
25	**2016**,		5
24	Comparative Analysis on Fault Tolerant Techniques for Memory Cells in Wireless Sensor Devices. *Asian Journal of Research in Social Sciences and Humanities*, **2016**, 6, 519	1	6
23	Secure health assistance in a ward-based pervasive environment. *International Journal of Telemedicine and Clinical Practices*, **2015**, 1, 64	0.3	
22	Cardiac Care Assistance using Self Configured Sensor Network Remote Patient Monitoring System. *Journal of the Institution of Engineers (India): Series B*, **2014**, 95, 101-106	0.9	13
21	A Novel Heuristic Approach Based Trust Worthy Architecture for Wireless Sensor Networks. *Wireless Personal Communications*, **2013**, 70, 189-205	1.9	23
20	STUDY AND ANALYSIS OF ROUTING PROTOCOLS IN MOBILE AD-HOC NETWORK. *Journal of Computer Science*, **2013**, 9, 1519-1525	0.5	3
19	Sentry Based Intruder Detection Technique for Wireless Sensor Networks. *Journal of Artificial Intelligence*, **2013**, 6, 175-180		2
18	Smart parking systems and sensors: A survey **2012**,		22
17	Markovian Model based Trustworthy Architecture. *Procedia Engineering*, **2012**, 30, 718-725		7
16	Energy consumption heuristics in wireless sensor networks **2012**,		1
15	Intelligent Decision Making System for Car Parking. *International Journal of Computer Applications*, **2012**, 37, 5-9	1.1	1
14	Lack of Power Avoidance: A Fault Classification Based Fault Tolerant Framework Solution for Lifetime Enhancement and Reliable Communication in Wireless Sensor Networks. *Information Technology Journal*, **2012**, 11, 719-724	0.7	10
13	Trust calculation in wireless sensor networks **2011**,		11
12	Matlab Based Modelling of Body Sensor Network Using ZigBee Protocol. *Communications in Computer and Information Science*, **2011**, 773-776	0.3	5

11	Modified GPSR Based Optimal Routing Algorithm for Reliable Communication in WSNs **2011**,		2
10	Role of relay node in Wireless Sensor Network: A survey **2011**,		10
9	A WSN Based Framework for Human Health Monitoring **2011**,		3
8	Impact of mobility models on mobile sensor networks **2011**,		7
7	Industrial utilization of wireless sensor networks **2011**,		3
6	Rate Optimization Scheme for Node Level Congestion in Wireless Sensor Networks **2011**,		5
5	Energy Consumption Analysis of Multicast Routing Protocols in Wireless Ad Hoc Network Environment. *Communications in Computer and Information Science*, **2011**, 412-414	0.3	
4	Energy and Fault Aware Management Framework for Wireless Sensor Network. *Communications in Computer and Information Science*, **2010**, 461-464	0.3	6
3	A Cross Layer Approach for Fault Management Framework in Wireless Sensor Networks. *Communications in Computer and Information Science*, **2010**, 561-564	0.3	1
2	Trust Worthy Architecture for Mobile Ad Hoc Network Environment. *Communications in Computer and Information Science*, **2010**, 557-560	0.3	1
1	Upgraded Max-Log-MAP algorithm using adaptive correction factors for decoders in AWGN and fading channel. *Journal of Ambient Intelligence and Humanized Computing*,1	3.7	