

Nitin Goyal

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,628
citations

186265
28
h-index

206112
48
g-index

76
all docs

76
docs citations

76
times ranked

2890
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Efficient Localization Through Node Mobility and Propagation Delay Prediction in Underwater Wireless Sensor Network. <i>Wireless Personal Communications</i> , 2022, 122, 2667-2685.	2.7	26
2	Smart Fog-Based Video Surveillance with Privacy Preservation based on Blockchain. <i>Wireless Personal Communications</i> , 2022, 124, 1677-1694.	2.7	11
3	Energy-efficient fog computing in Internet of Things based on Routing Protocol for Low-Power and Lossy Network with Contiki. <i>International Journal of Communication Systems</i> , 2022, 35, e5049.	2.5	36
4	Towards Design and Feasibility Analysis of DePaaS: AI Based Global Unified Software Defect Prediction Framework. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 493.	2.5	10
5	A rendezvous point-based data gathering in underwater wireless sensor networks for monitoring applications. <i>International Journal of Communication Systems</i> , 2022, 35, e5078.	2.5	8
6	Prosodic Feature-Based Discriminatively Trained Low Resource Speech Recognition System. <i>Sustainability</i> , 2022, 14, 614.	3.2	10
7	Priority based data gathering using multiple mobile sinks in cluster based UWSNs for oil pipeline leakage detection. <i>Cluster Computing</i> , 2022, 25, 1341-1354.	5.0	10
8	Revolutionary Strategies Analysis and Proposed System for Future Infrastructure in Internet of Things. <i>Sustainability</i> , 2022, 14, 71.	3.2	19
9	Intelligent Load-Balancing Framework for Fog-Enabled Communication in Healthcare. <i>Electronics (Switzerland)</i> , 2022, 11, 566.	3.1	10
10	Enhanced Convolutional Neural Network Model for Cassava Leaf Disease Identification and Classification. <i>Mathematics</i> , 2022, 10, 580.	2.2	35
11	A range based node localization scheme with hybrid optimization for underwater wireless sensor network. <i>International Journal of Communication Systems</i> , 2022, 35, .	2.5	29
12	Dynamic topology control algorithm for node deployment in mobile underwater wireless sensor networks. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, .	2.2	12
13	Visualization of Customized Convolutional Neural Network for Natural Language Recognition. <i>Sensors</i> , 2022, 22, 2881.	3.8	9
14	A Wider Impedance Bandwidth Dual Filter Symmetrical MIMO Antenna for High-Speed Wideband Wireless Applications. <i>Symmetry</i> , 2022, 14, 29.	2.2	9
15	A Deep Learning-Based Intelligent Garbage Detection System Using an Unmanned Aerial Vehicle. <i>Symmetry</i> , 2022, 14, 960.	2.2	34
16	A Novel Stacking-Based Deterministic Ensemble Model for Infectious Disease Prediction. <i>Mathematics</i> , 2022, 10, 1714.	2.2	8
17	Compressive Sensing Node Localization Method Using Autonomous Underwater Vehicle Network. <i>Wireless Personal Communications</i> , 2022, 126, 2781-2799.	2.7	7
18	Game theory based hybrid localization technique for underwater wireless sensor networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, .	3.9	7

#	ARTICLE	IF	CITATIONS
19	Performance optimization in delay tolerant networks using backtracking algorithm for fully credits distribution to contrast selfish nodes. Journal of Supercomputing, 2021, 77, 6036-6055.	3.6	19
20	Prediction of Diabetes Disease Using Machine Learning Model. Lecture Notes in Electrical Engineering, 2021, , 683-692.	0.4	18
21	An efficient framework using visual recognition for IoT based smart city surveillance. Multimedia Tools and Applications, 2021, 80, 31277-31295.	3.9	20
22	The evolution of data gathering static and mobility models in underwater wireless sensor networks: a survey. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 9757-9773.	4.9	17
23	Routing Protocol Design Issues and Challenges in Underwater Wireless Sensor Network. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 1-15.	0.4	7
24	Localization Techniques in Underwater Wireless Sensor Network. , 2021, , .		19
25	Node Deployment Strategies in Underwater Wireless Sensor Network. , 2021, , .		10
26	Secure and energy-efficient smart building architecture with emerging technology IoT. Computer Communications, 2021, 176, 207-217.	5.1	123
27	An Intelligent and Autonomous Sight Distance Evaluation Framework for Sustainable Transportation. Sustainability, 2021, 13, 8885.	3.2	5
28	CDMA-Based Security Against Wormhole Attack in Underwater Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2021, , 829-835.	0.4	8
29	Intelligent Method for Detection of Coronary Artery Disease with Ensemble Approach. Lecture Notes in Electrical Engineering, 2021, , 1033-1042.	0.4	13
30	Blockchain Enabled Transparent and Anti-Counterfeiting Supply of COVID-19 Vaccine Vials. Vaccines, 2021, 9, 1239.	4.4	29
31	Data Collection Routing Techniques in Underwater Wireless Sensor Networks. , 2021, , .		2
32	Node Localization Techniques Analysis in Challenging Underwater Wireless Sensor Network. , 2021, , .		3
33	Early Detection and Classification of Tomato Leaf Disease Using High-Performance Deep Neural Network. Sensors, 2021, 21, 7987.	3.8	139
34	A Hybrid Convolutional Neural Network Model for Diagnosis of COVID-19 Using Chest X-ray Images. International Journal of Environmental Research and Public Health, 2021, 18, 12191.	2.6	30
35	Underwater Networked Wireless Sensor Data Collection for Computational Intelligence Techniques: Issues, Challenges, and Approaches. IEEE Access, 2020, 8, 122959-122974.	4.2	39
36	SAPDA: Secure Authentication with Protected Data Aggregation Scheme for Improving QoS in Scalable and Survivable UWSNs. Wireless Personal Communications, 2020, 113, 1-15.	2.7	53

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37	Architectural Analysis of Wireless Sensor Network and Underwater Wireless Sensor Network with Issues and Challenges. Journal of Computational and Theoretical Nanoscience, 2020, 17, 2706-2712.	0.4	9
38	Localization Schemes and Its Challenges in Underwater Wireless Sensor Networks. Journal of Computational and Theoretical Nanoscience, 2020, 17, 2750-2754.	0.4	10
39	Protocol Stack of Underwater Wireless Sensor Network: Classical Approaches and New Trends. Wireless Personal Communications, 2019, 104, 995-1022.	2.7	45
40	Data aggregation in underwater wireless sensor network: Recent approaches and issues. Journal of King Saud University - Computer and Information Sciences, 2019, 31, 275-286.	3.9	40
41	Adaptive Error Control Technique for Cluster-Based Underwater Wireless Sensor Networks. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 269-280.	0.7	15
42	A novel fault detection and recovery technique for cluster-based underwater wireless sensor networks. International Journal of Communication Systems, 2018, 31, e3485.	2.5	36
43	Cerebral Microbleeds and Risk of Intracerebral Hemorrhage Post Intravenous Thrombolysis. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 538-544.	1.6	29
44	Implications of limiting mechanical thrombectomy to patients with emergent large vessel occlusion meeting top tier evidence criteria. Journal of NeuroInterventional Surgery, 2017, 9, 225-228.	3.3	35
45	Admission systolic blood pressure and outcomes in large vessel occlusion strokes treated with endovascular treatment. Journal of NeuroInterventional Surgery, 2017, 9, 451-454.	3.3	65
46	Improved Data Aggregation for Cluster Based Underwater Wireless Sensor Networks. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2017, 87, 235-245.	1.2	30
47	Novel Screening Tool for Stroke Using Artificial Neural Network. Stroke, 2017, 48, 1678-1681.	2.0	85
48	Elevated Pulse Pressure Levels Are Associated With Increased In-Hospital Mortality in Acute Spontaneous Intracerebral Hemorrhage. American Journal of Hypertension, 2017, 30, 719-727.	2.0	21
49	Impact of Moderate Hyperchloremia on Clinical Outcomes in Intracerebral Hemorrhage Patients Treated With Continuous Infusion Hypertonic Saline: A Pilot Study. Critical Care Medicine, 2017, 45, e947-e953.	0.9	54
50	Fluid-Attenuated Inversion Recovery (FLAIR) Signal Intensity Can Identify Stroke Within 6 and 8 Hours. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 1582-1587.	1.6	6
51	Successful Use of Ketamine for Central Neurogenic Hyperventilation: A Case Report. Neurohospitalist, The, 2017, 7, 192-195.	0.8	4
52	Blood pressure levels post mechanical thrombectomy and outcomes in large vessel occlusion strokes. Neurology, 2017, 89, 540-547.	1.1	150
53	Sulfonylurea Pretreatment and In-Hospital Use Does Not Impact Acute Ischemic Strokes (AIS) Outcomes Following Intravenous Thrombolysis. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 795-800.	1.6	7
54	Trust model for cluster head validation in underwater wireless sensor networks. Underwater Technology, 2017, 34, 106-113.	0.3	18

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55	Congestion control and load balancing for cluster based underwater wireless sensor networks. , 2016, , .		12
56	Risk of Symptomatic Intracerebral Hemorrhage After Intravenous Thrombolysis in Patients With Acute Ischemic Stroke and High Cerebral Microbleed Burden. JAMA Neurology, 2016, 73, 675.	9.0	158
57	Energy Efficient Architecture for Intra and Inter Cluster Communication for Underwater Wireless Sensor Networks. Wireless Personal Communications, 2016, 89, 687-707.	2.7	54
58	Endovascular Therapy for Acute Ischemic Stroke With Occlusion of the Middle Cerebral Artery M2 Segment. JAMA Neurology, 2016, 73, 1291.	9.0	165
59	The value of transesophageal echocardiography for embolic strokes of undetermined source. Neurology, 2016, 87, 988-995.	1.1	71
60	FABS. Stroke, 2016, 47, 2216-2220.	2.0	43
61	Eligibility for mechanical thrombectomy in acute ischemic stroke: A phase IV multi-center screening log registry. Journal of the Neurological Sciences, 2016, 371, 96-99.	0.6	14
62	CTA collateral score predicts infarct volume and clinical outcome after endovascular therapy for acute ischemic stroke: a retrospective chart review. Journal of NeuroInterventional Surgery, 2016, 8, 559-562.	3.3	82
63	Clinical and Procedural Predictors of Outcomes From the Endovascular Treatment of Posterior Circulation Strokes. Stroke, 2016, 47, 782-788.	2.0	130
64	Posterior circulation CT angiography collaterals predict outcome of endovascular acute ischemic stroke therapy for basilar artery occlusion. Journal of NeuroInterventional Surgery, 2016, 8, 783-786.	3.3	57
65	Hyperdense lenticulostriate artery sign. Neurology India, 2016, 64, 1091.	0.4	0
66	Internet-Based Information-Seeking Behavior for Transient Ischemic Attack. International Journal of Stroke, 2015, 10, 1212-1216.	5.9	14
67	Cost Burden of Stroke Mimics and Transient Ischemic Attack after Intravenous Tissue Plasminogen Activator Treatment. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 828-833.	1.6	60
68	Spontaneous dissection of the bilateral internal carotid and vertebral arteries: A rationale for endovascular management. Journal of the Neurological Sciences, 2015, 350, 112-114.	0.6	6
69	Safety of Intravenous Thrombolysis in Stroke Mimics. Stroke, 2015, 46, 1281-1287.	2.0	137
70	Safety and outcomes of intravenous thrombolysis in dissection-related ischemic stroke: an international multicenter study and comprehensive meta-analysis of reported case series. Journal of Neurology, 2015, 262, 2135-2143.	3.6	33
71	Systemic thrombolysis in acute ischemic stroke patients with unruptured intracranial aneurysms. Neurology, 2015, 85, 1452-1458.	1.1	31
72	Spontaneous Thrombosis of a Ruptured Brain Arteriovenous Malformation: The Argument for Early Conservative Management. Interventional Neurology, 2014, 3, 122-128.	1.8	7

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73	Comparison of Intraoperative Indocyanine Green Angiography and Digital Subtraction Angiography for Clipping of Intracranial Aneurysms. <i>Interventional Neurology</i> , 2014, 3, 129-134.	1.8	17
74	Fuzzy based clustering and aggregation technique for Under Water Wireless Sensor Networks. , 2014, , .		28