Nitin Goyal

List of Publications by Year
in descending order

74	2,628	186265	206112
papers	citations	28	48
		h-index	g-index

76	76	76	2890
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endovascular Therapy for Acute Ischemic Stroke With Occlusion of the Middle Cerebral Artery M2 Segment. JAMA Neurology, 2016, 73, 1291.	9.0	165
2	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
3	Blood pressure levels post mechanical thrombectomy and outcomes in large vessel occlusion strokes. Neurology, 2017, 89, 540-547.	1.1	150
4	Early Detection and Classification of Tomato Leaf Disease Using High-Performance Deep Neural Network. Sensors, 2021, 21, 7987.	3.8	139
5	Safety of Intravenous Thrombolysis in Stroke Mimics. Stroke, 2015, 46, 1281-1287.	2.0	137
6	Clinical and Procedural Predictors of Outcomes From the Endovascular Treatment of Posterior Circulation Strokes. Stroke, 2016, 47, 782-788.	2.0	130
7	Secure and energy-efficient smart building architecture with emerging technology IoT. Computer Communications, 2021, 176, 207-217.	5.1	123
8	Novel Screening Tool for Stroke Using Artificial Neural Network. Stroke, 2017, 48, 1678-1681.	2.0	85
9	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
10	The value of transesophageal echocardiography for embolic strokes of undetermined source. Neurology, 2016, 87, 988-995.	1.1	71
11	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
12	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
13	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
14	Energy Efficient Architecture for Intra and Inter Cluster Communication for Underwater Wireless Sensor Networks. Wireless Personal Communications, 2016, 89, 687-707.	2.7	54
15	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
16	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
17	Protocol Stack of Underwater Wireless Sensor Network: Classical Approaches and New Trends. Wireless Personal Communications, 2019, 104, 995-1022.	2.7	45
18	FABS. Stroke, 2016, 47, 2216-2220.	2.0	43

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19	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
20	Underwater Networked Wireless Sensor Data Collection for Computational Intelligence Techniques: Issues, Challenges, and Approaches. IEEE Access, 2020, 8, 122959-122974.	4.2	39
21	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
22	Energy‐efficient fog computing in Internet of Things based on Routing Protocol for Low‐Power and Lossy Network with Contiki. International Journal of Communication Systems, 2022, 35, e5049.	2.5	36
23	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
24	Enhanced Convolutional Neural Network Model for Cassava Leaf Disease Identification and Classification. Mathematics, 2022, 10, 580.	2.2	35
25	A Deep Learning-Based Intelligent Garbage Detection System Using an Unmanned Aerial Vehicle. Symmetry, 2022, 14, 960.	2.2	34
26	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
27	Systemic thrombolysis in acute ischemic stroke patients with unruptured intracranial aneurysms. Neurology, 2015, 85, 1452-1458.	1.1	31
28	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
29	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
30	Cerebral Microbleeds and Risk of Intracerebral Hemorrhage Post Intravenous Thrombolysis. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 538-544.	1.6	29
31	Blockchain Enabled Transparent and Anti-Counterfeiting Supply of COVID-19 Vaccine Vials. Vaccines, 2021, 9, 1239.	4.4	29
32	A range based node localization scheme with hybrid optimization for underwater wireless sensor network. International Journal of Communication Systems, 2022, 35, .	2.5	29
33	Fuzzy based clustering and aggregation technique for Under Water Wireless Sensor Networks. , 2014, , .		28
34	Energy Efficient Localization Through Node Mobility and Propagation Delay Prediction in Underwater Wireless Sensor Network. Wireless Personal Communications, 2022, 122, 2667-2685.	2.7	26
35	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
36	An efficient framework using visual recognition for IoT based smart city surveillance. Multimedia Tools and Applications, 2021, 80, 31277-31295.	3.9	20

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37	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
38	Localization Techniques in Underwater Wireless Sensor Network. , 2021, , .		19
39	Revolutionary Strategies Analysis and Proposed System for Future Infrastructure in Internet of Things. Sustainability, 2022, 14, 71.	3.2	19
40	Trust model for cluster head validation in underwater wireless sensor networks. Underwater Technology, 2017, 34, 106-113.	0.3	18
41	Prediction of Diabetes Disease Using Machine Learning Model. Lecture Notes in Electrical Engineering, 2021, , 683-692.	0.4	18
42	Comparison of Intraoperative Indocyanine Green Angiography and Digital Subtraction Angiography for Clipping of Intracranial Aneurysms. Interventional Neurology, 2014, 3, 129-134.	1.8	17
43	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
44	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
45	Internet-Based Information-Seeking Behavior for Transient Ischemic Attack. International Journal of Stroke, 2015, 10, 1212-1216.	5.9	14
46	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
47	Intelligent Method for Detection of Coronary Artery Disease with Ensemble Approach. Lecture Notes in Electrical Engineering, 2021, , 1033-1042.	0.4	13
48	Congestion control and load balancing for cluster based underwater wireless sensor networks. , 2016, , .		12
49	Dynamic topology control algorithm for node deployment in mobile underwater wireless sensor networks. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	12
50	Smart Fog-Based Video Surveillance with Privacy Preservation based on Blockchain. Wireless Personal Communications, 2022, 124, 1677-1694.	2.7	11
51	Node Deployment Strategies in Underwater Wireless Sensor Network. , 2021, , .		10
52	Localization Schemes and Its Challenges in Underwater Wireless Sensor Networks. Journal of Computational and Theoretical Nanoscience, 2020, 17, 2750-2754.	0.4	10
53	Towards Design and Feasibility Analysis of DePaaS: AI Based Global Unified Software Defect Prediction Framework. Applied Sciences (Switzerland), 2022, 12, 493.	2.5	10
54	Prosodic Feature-Based Discriminatively Trained Low Resource Speech Recognition System. Sustainability, 2022, 14, 614.	3.2	10

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55	Priority based data gathering using multiple mobile sinks in cluster based UWSNs for oil pipeline leakage detection. Cluster Computing, 2022, 25, 1341-1354.	5.0	10
56	Intelligent Load-Balancing Framework for Fog-Enabled Communication in Healthcare. Electronics (Switzerland), 2022, 11, 566.	3.1	10
57	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
58	Visualization of Customized Convolutional Neural Network for Natural Language Recognition. Sensors, 2022, 22, 2881.	3.8	9
59	A Wider Impedance Bandwidth Dual Filter Symmetrical MIMO Antenna for High-Speed Wideband Wireless Applications. Symmetry, 2022, 14, 29.	2.2	9
60	CDMA-Based Security Against Wormhole Attack in Underwater Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2021, , 829-835.	0.4	8
61	A rendezvous point€based data gathering in underwater wireless sensor networks for monitoring applications. International Journal of Communication Systems, 2022, 35, e5078.	2.5	8
62	A Novel Stacking-Based Deterministic Ensemble Model for Infectious Disease Prediction. Mathematics, 2022, 10, 1714.	2.2	8
63	Spontaneous Thrombosis of a Ruptured Brain Arteriovenous Malformation: The Argument for Early Conservative Management. Interventional Neurology, 2014, 3, 122-128.	1.8	7
64	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
65	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
66	Compressive Sensing Node Localization Method Using Autonomous Underwater Vehicle Network. Wireless Personal Communications, 2022, 126, 2781-2799.	2.7	7
67	Game theory based hybrid localization technique for underwater wireless sensor networks. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	7
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	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
70	An Intelligent and Autonomous Sight Distance Evaluation Framework for Sustainable Transportation. Sustainability, 2021, 13, 8885.	3.2	5
71	Successful Use of Ketamine for Central Neurogenic Hyperventilation: A Case Report. Neurohospitalist, The, 2017, 7, 192-195.	0.8	4
72	Node Localization Techniques Analysis in Challenging Underwater Wireless Sensor Network. , 2021, , .		3

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73	Data Collection Routing Techniques in Underwater Wireless Sensor Networks. , 2021, , .		2
74	Hyperdense lenticulostriate artery sign. Neurology India, 2016, 64, 1091.	0.4	0