Richard Wenner Pazzi

List of Publications by Citations

65 papers	786 citations	15 h-index	25 g-index
76 ext. papers	953 ext. citations	5.2 avg, IF	4.28 L-index

#	Paper	IF	Citations
65	A novel multi-hop clustering scheme for vehicular ad-hoc networks **2011**,		82
64	DRIVE: An efficient and robust data dissemination protocol for highway and urban vehicular ad hoc networks. *Computer Networks*, **2014**, 75, 381-394	5.4	81
63	Localization Prediction in Vehicular Ad Hoc Networks. *IEEE Communications Surveys and Tutorials*, **2018**, 20, 2784-2803	37.1	51
62	Target Tracking for Sensor Networks. *ACM Computing Surveys*, **2016**, 49, 1-31	13.4	36
61	Using clustering for target tracking in vehicular ad hoc networks. *Vehicular Communications*, **2017**, 9, 83-96	5.7	33
60	**2009**,		31
59	VIRTUS: A resilient location-aware video unicast scheme for vehicular networks **2012**,		29
58	Cooperative target tracking in vehicular sensor networks. *IEEE Wireless Communications*, **2012**, 19, 66-73	13.4	28
57	LIAITHON: A location-aware multipath video streaming scheme for urban vehicular networks **2012**,		23
56	A mobility management scheme for wireless mesh networks based on a hybrid routing protocol. *Computer Networks*, **2010**, 54, 558-572	5.4	23
55	How to Improve Fault Tolerance in Disaster Predictions: A Case Study about Flash Floods Using IoT, ML and Real Data. *Sensors*, **2018**, 18,	3.8	22
54	The impact of mobility on Mobile Ad Hoc Networks through the perspective of complex networks. *Journal of Parallel and Distributed Computing*, **2011**, 71, 1189-1200	4.4	22
53	A prediction-based clustering algorithm for tracking targets in quantized areas for wireless sensor networks. *Wireless Networks*, **2015**, 21, 2263-2278	2.5	18
52	A Taxonomy of Cluster-Based Routing Protocols for Wireless Sensor Networks. *Parallel Architectures, Algorithms and Networks (I-SPAN), Proceedings of the International Symposium on*, **2008**,		17
51	NodePM: a remote monitoring alert system for energy consumption using probabilistic techniques. *Sensors*, **2014**, 14, 848-67	3.8	16
50	A clustered trail-based data dissemination protocol for improving the lifetime of duty cycle enabled wireless sensor networks. *Wireless Networks*, **2017**, 23, 177-192	2.5	15
49	A reactive solution with a redundancy-based error correction mechanism for video dissemination over vehicular ad hoc networks **2012**,		15

48	An Inter-cluster Communication based Energy Aware and Fault Tolerant Protocol for Wireless Sensor Networks. *Mobile Networks and Applications*, **2008**, 13, 614-626	2.9	15
47	User activity recognition for energy saving in smart home environment **2015**,		13
46	A prediction-based routing algorithm for Vehicular Ad Hoc Networks **2015**,		12
45	An energy efficient joint localization and synchronization solution for wireless sensor networks using unmanned aerial vehicle. *Wireless Networks*, **2015**, 21, 485-498	2.5	11
44	An efficient neighborhood prediction protocol to estimate link availability in VANETs **2009**,		11
43	Context-aware network selection in heterogeneous wireless networks. *Computer Communications*, **2019**, 135, 1-15	5.1	11
42	Black hole search in computer networks: State-of-the-art, challenges and future directions. *Journal of Parallel and Distributed Computing*, **2016**, 88, 1-15	4.4	10
41	A prediction based clustering algorithm for target tracking in vehicular ad-hoc networks **2014**,		10
40	Distributed Egocentric Betweenness Measure as a Vehicle Selection Mechanism in VANETs: A Performance Evaluation Study. *Sensors*, **2018**, 18,	3.8	9
39	A reliable synchronous transport protocol for wireless image sensor networks **2008**,		9
38	APOLO: A Mobility Pattern Analysis Approach to Improve Urban Mobility **2017**,		8
37	On the performance of localization prediction methods for vehicular Ad Hoc Networks **2015**,		8
36	**2009**,		7
35	. *IEEE Transactions on Mobile Computing*, **2014**, 13, 1424-1442	4.6	6
34	Indoor Positioning System Using Dynamic Model Estimation. *Sensors*, **2020**, 20,	3.8	6
33	CARRO: A context-awareness protocol for data dissemination in urban and highway scenarios **2016**,		6
32	JLPR: Joint range-based localization using trilateration and packet routing in Wireless Sensor Networks with mobile sinks **2017**,		5
31	PROPANE. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2014**, 11, 1-22	3.4	5

30	**2010**,		5
29	A Novel Network Mobility Management Scheme for Vehicular Networks **2010**,		5
28	An adaptive virtual simulation and real-time emergency response system. *Virtual Environments, Human-Computer Interfaces and Measurements Systems, 2009 VECIMS r09 IEEE International Conference on*, **2009**,		5
27	Design of a fast handoff scheme for vehicular mesh networks with directional antennas **2011**,		5
26	Exploiting Vehicular Social Networks and Dynamic Clustering to Enhance Urban Mobility Management. *Sensors*, **2019**, 19,	3.8	4
25	An Energy-Aware System for Decision-Making in a Residential Infrastructure Using Wireless Sensors and Actuators **2015**,		4
24	An efficient QoS MAC for IEEE 802.11p over cognitive multichannel vehicular networks **2012**,		4
23	E-TRAIL: Energy-Efficient Trail-Based Data Dissemination Protocol for Wireless Sensor Networks with Mobile Sinks **2011**,		4
22	A novel cross layer TCP optimization protocol over wireless networks by Markov Decision Process **2012**,		4
21	Design and evaluation of a novel MAC layer handoff protocol for IEEE 802.11 wireless networks. *Journal of Systems and Software*, **2010**, 83, 1364-1372	3.3	4
20	A Novel Image Mosaicking Technique for Enlarging the Field of View of Images Transmitted over Wireless Image Sensor Networks. *Mobile Networks and Applications*, **2010**, 15, 589-606	2.9	4
19	Mobility based dynamic TXOP for vehicular communication **2012**,		3
18	Delay Tolerant and Predictive Data Dissemination Protocol (DTP-DDP) for urban and highway vehicular ad hoc networks (VANETs) **2016**,		2
17	A distributed tracking algorithm for target interception in face-structured sensor networks **2014**,		2
16	Dual-mode optimum distance routing scheme for vehicular ad hoc networks **2013**,		2
15	**2010**,		2
14	Performance evaluation of a fast MAC handoff scheme using dynamic adjustment of scanning parameters **2009**,		2
13	The Effect of Redundancy on Video Broadcasting in Vehicular Networks **2011**,		2

12	Efficient data gathering and position dissemination protocols for heterogeneous vehicle ad hoc and sensor networks **2009**,		2
11	DARE: A decentralized association rules extraction scheme for embedded data sets in distributed IoT devices. *International Journal of Distributed Sensor Networks*, **2020**, 16, 155014772096299	1.7	2
10	Efficient Encounter-based Event Dissemination Protocol (E-BED) for urban and highway Vehicular Ad Hoc Networks **2017**,		1
9	Context-Aware Vehicle Route Recommendation Platform: Exploring Open and Crowdsourced Data **2018**,		1
8	Applying egocentric betweenness measure in vehicular ad hoc networks **2017**,		1
7	Architectural design for the 3D virtual Radiology Department using Virtual reality technology **2009**,		1
6	Routing with Renewable Energy Management in Wireless Sensor Networks. *Sensors*, **2021**, 21,	3.8	1
5	Characterizing GPS outages: Geodesic Dead Reckoning solution for VANETs and ITS **2016**,		1
4	A geodesic dead reckoning solution for vehicular networks **2016**,		1
3	A Novel RSSI-based Algorithm for Detect and Bypass Routing Holes in Wireless Sensor Networks **2018**,		1
2	Indoor Positioning System Using Synthetic Training and Data Fusion. *IEEE Access*, **2021**, 9, 115687-115699	3.5	1
1	USING ACCURACY-BASED LEARNING CLASSIFIER SYSTEMS FOR ADAPTABLE STRATEGY GENERATION IN GAMES AND INTERACTIVE VIRTUAL SIMULATIONS. *Journal of Interconnection Networks*, **2009**, 10, 365-390	0.4	0