

Richard Wenner Pazzi

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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.

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	Routing with Renewable Energy Management in Wireless Sensor Networks. <i>Sensors</i> , 2021 , 21,	3.8	1
64	Indoor Positioning System Using Synthetic Training and Data Fusion. <i>IEEE Access</i> , 2021 , 9, 115687-115699,	3.5	1
63	DARE: A decentralized association rules extraction scheme for embedded data sets in distributed IoT devices. <i>International Journal of Distributed Sensor Networks</i> , 2020 , 16, 155014772096299	1.7	2
62	Indoor Positioning System Using Dynamic Model Estimation. <i>Sensors</i> , 2020 , 20,	3.8	6
61	Exploiting Vehicular Social Networks and Dynamic Clustering to Enhance Urban Mobility Management. <i>Sensors</i> , 2019 , 19,	3.8	4
60	Context-aware network selection in heterogeneous wireless networks. <i>Computer Communications</i> , 2019 , 135, 1-15	5.1	11
59	How to Improve Fault Tolerance in Disaster Predictions: A Case Study about Flash Floods Using IoT, ML and Real Data. <i>Sensors</i> , 2018 , 18,	3.8	22
58	Distributed Egocentric Betweenness Measure as a Vehicle Selection Mechanism in VANETs: A Performance Evaluation Study. <i>Sensors</i> , 2018 , 18,	3.8	9
57	Context-Aware Vehicle Route Recommendation Platform: Exploring Open and Crowdsourced Data 2018 ,		1
56	A Novel RSSI-based Algorithm for Detect and Bypass Routing Holes in Wireless Sensor Networks 2018 ,		1
55	Localization Prediction in Vehicular Ad Hoc Networks. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 2784-2803	37.1	51
54	A clustered trail-based data dissemination protocol for improving the lifetime of duty cycle enabled wireless sensor networks. <i>Wireless Networks</i> , 2017 , 23, 177-192	2.5	15
53	Using clustering for target tracking in vehicular ad hoc networks. <i>Vehicular Communications</i> , 2017 , 9, 83-96	5.7	33
52	Efficient Encounter-based Event Dissemination Protocol (E-BED) for urban and highway Vehicular Ad Hoc Networks 2017 ,		1
51	JLPR: Joint range-based localization using trilateration and packet routing in Wireless Sensor Networks with mobile sinks 2017 ,		5
50	Applying egocentric betweenness measure in vehicular ad hoc networks 2017 ,		1
49	APOLO: A Mobility Pattern Analysis Approach to Improve Urban Mobility 2017 ,		8

48	Delay Tolerant and Predictive Data Dissemination Protocol (DTP-DDP) for urban and highway vehicular ad hoc networks (VANETs) 2016 ,		2
47	Black hole search in computer networks: State-of-the-art, challenges and future directions. <i>Journal of Parallel and Distributed Computing</i> , 2016 , 88, 1-15	4.4	10
46	Target Tracking for Sensor Networks. <i>ACM Computing Surveys</i> , 2016 , 49, 1-31	13.4	36
45	Characterizing GPS outages: Geodesic Dead Reckoning solution for VANETs and ITS 2016 ,		1
44	A geodesic dead reckoning solution for vehicular networks 2016 ,		1
43	CARRO: A context-awareness protocol for data dissemination in urban and highway scenarios 2016 ,		6
42	An Energy-Aware System for Decision-Making in a Residential Infrastructure Using Wireless Sensors and Actuators 2015 ,		4
41	User activity recognition for energy saving in smart home environment 2015 ,		13
40	A prediction-based routing algorithm for Vehicular Ad Hoc Networks 2015 ,		12
39	On the performance of localization prediction methods for vehicular Ad Hoc Networks 2015 ,		8
38	A prediction-based clustering algorithm for tracking targets in quantized areas for wireless sensor networks. <i>Wireless Networks</i> , 2015 , 21, 2263-2278	2.5	18
37	An energy efficient joint localization and synchronization solution for wireless sensor networks using unmanned aerial vehicle. <i>Wireless Networks</i> , 2015 , 21, 485-498	2.5	11
36	DRIVE: An efficient and robust data dissemination protocol for highway and urban vehicular ad hoc networks. <i>Computer Networks</i> , 2014 , 75, 381-394	5.4	81
35	. <i>IEEE Transactions on Mobile Computing</i> , 2014 , 13, 1424-1442	4.6	6
34	NodePM: a remote monitoring alert system for energy consumption using probabilistic techniques. <i>Sensors</i> , 2014 , 14, 848-67	3.8	16
33	PROPANE. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2014 , 11, 1-22	3.4	5
32	A distributed tracking algorithm for target interception in face-structured sensor networks 2014 ,		2
31	A prediction based clustering algorithm for target tracking in vehicular ad-hoc networks 2014 ,		10

30	Dual-mode optimum distance routing scheme for vehicular ad hoc networks 2013 ,		2
29	LIAITHON: A location-aware multipath video streaming scheme for urban vehicular networks 2012 ,		23
28	Cooperative target tracking in vehicular sensor networks. <i>IEEE Wireless Communications</i> , 2012 , 19, 66-73	13.4	28
27	An efficient QoS MAC for IEEE 802.11p over cognitive multichannel vehicular networks 2012 ,		4
26	A reactive solution with a redundancy-based error correction mechanism for video dissemination over vehicular ad hoc networks 2012 ,		15
25	VIRTUS: A resilient location-aware video unicast scheme for vehicular networks 2012 ,		29
24	Mobility based dynamic TXOP for vehicular communication 2012 ,		3
23	A novel cross layer TCP optimization protocol over wireless networks by Markov Decision Process 2012 ,		4
22	The impact of mobility on Mobile Ad Hoc Networks through the perspective of complex networks. <i>Journal of Parallel and Distributed Computing</i> , 2011 , 71, 1189-1200	4.4	22
21	Design of a fast handoff scheme for vehicular mesh networks with directional antennas 2011 ,		5
20	A novel multi-hop clustering scheme for vehicular ad-hoc networks 2011 ,		82
19	E-TRAIL: Energy-Efficient Trail-Based Data Dissemination Protocol for Wireless Sensor Networks with Mobile Sinks 2011 ,		4
18	The Effect of Redundancy on Video Broadcasting in Vehicular Networks 2011 ,		2
17	2010 ,		5
16	2010 ,		2
15	A Novel Network Mobility Management Scheme for Vehicular Networks 2010 ,		5
14	Design and evaluation of a novel MAC layer handoff protocol for IEEE 802.11 wireless networks. <i>Journal of Systems and Software</i> , 2010 , 83, 1364-1372	3.3	4
13	A Novel Image Mosaicking Technique for Enlarging the Field of View of Images Transmitted over Wireless Image Sensor Networks. <i>Mobile Networks and Applications</i> , 2010 , 15, 589-606	2.9	4

12	A mobility management scheme for wireless mesh networks based on a hybrid routing protocol. <i>Computer Networks</i> , 2010 , 54, 558-572	5.4	23
11	An adaptive virtual simulation and real-time emergency response system. <i>Virtual Environments, Human-Computer Interfaces and Measurements Systems, 2009 VECIMS r09 IEEE International Conference on</i> , 2009 ,		5
10	USING ACCURACY-BASED LEARNING CLASSIFIER SYSTEMS FOR ADAPTABLE STRATEGY GENERATION IN GAMES AND INTERACTIVE VIRTUAL SIMULATIONS. <i>Journal of Interconnection Networks</i> , 2009 , 10, 365-390	0.4	0
9	Performance evaluation of a fast MAC handoff scheme using dynamic adjustment of scanning parameters 2009 ,		2
8	Efficient data gathering and position dissemination protocols for heterogeneous vehicle ad hoc and sensor networks 2009 ,		2
7	2009 ,		31
6	An efficient neighborhood prediction protocol to estimate link availability in VANETs 2009 ,		11
5	2009 ,		7
4	Architectural design for the 3D virtual Radiology Department using Virtual reality technology 2009 ,		1
3	A Taxonomy of Cluster-Based Routing Protocols for Wireless Sensor Networks. <i>Parallel Architectures, Algorithms and Networks (I-SPAN), Proceedings of the International Symposium on</i> , 2008 ,		17
2	A reliable synchronous transport protocol for wireless image sensor networks 2008 ,		9
1	An Inter-cluster Communication based Energy Aware and Fault Tolerant Protocol for Wireless Sensor Networks. <i>Mobile Networks and Applications</i> , 2008 , 13, 614-626	2.9	15