

# Thomas J Owens

## List of Publications by Year in descending order

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29  
papers

451  
citations

840776

11  
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794594

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29  
docs citations

29  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Secure and Robust Multi-Constrained QoS Aware Routing Algorithm for VANETs. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 32-45.	5.4	82
2	Situation-Aware QoS Routing Algorithm for Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5520-5535.	6.3	79
3	Investigation of routing reliability of vehicular ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	50
4	On the Anatomy of Human Hacking. Information Security Journal: A Global Perspective, 2007, 16, 302-314.	0.1	41
5	Analysis of DVB-H Network Coverage With the Application of Transmit Diversity. IEEE Transactions on Broadcasting, 2008, 54, 568-577.	3.2	23
6	Service Platform for Converged Interactive Broadband Broadcast and Cellular Wireless. IEEE Transactions on Broadcasting, 2007, 53, 200-211.	3.2	22
7	Efficient, Secure, and Privacy-Preserving PMIPv6 Protocol for V2G Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 19-33.	6.3	20
8	A survey of handover algorithms in DVB-H. IEEE Communications Surveys and Tutorials, 2006, 8, 16-29.	39.4	18
9	Intersystem Soft Handover for Converged DVB-H and UMTS Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 1887-1898.	6.3	18
10	A survey of performance enhancement of transmission control protocol (TCP) in wireless ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	15
11	OFDM over IEEE 802.11b hardware for telemedical applications. International Journal of Mobile Communications, 2004, 2, 310.	0.3	12
12	Access mechanisms in Wi-Fi networks state of art, flaws and proposed solutions. , 2010, , .		12
13	Selection of an EAP authentication method for a WLAN. International Journal of Information and Computer Security, 2007, 1, 210.	0.2	9
14	Demonstrating the feasibility of standardised application programme interfaces that will allow mobile/portable terminals to receive services combining UMTS and DVB-T. International Journal of Services and Standards, 2004, 1, 228.	0.2	7
15	Review of Situational Awareness for Computer Network Defense. , 2012, , 1-9.		7
16	Stochastic user behaviour modelling and network simulation for resource management in cooperation with mobile telecommunications and broadcast networks. International Journal of Mobile Communications, 2006, 4, 97.	0.3	6
17	Data regeneration for an all-photonic digital radio over fibre. IET Optoelectronics, 2014, 8, 256-263.	3.3	6
18	Secure and privacy-aware proxy mobile IPv6 protocol for vehicle-to-grid networks. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
19	Binary-weighted photonic digital-to-analogue converter. IET Optoelectronics, 2017, 11, 20-28.	3.3	5
20	Management of Digital Video Broadcasting services in open delivery platforms. International Journal of Mobile Communications, 2007, 5, 186.	0.3	4
21	A QoS Monitoring System in a Heterogeneous Multi-Domain DVB-H Platform. IEEE Transactions on Broadcasting, 2009, 55, 124-131.	3.2	3
22	RSSI Based Localization of Bluetooth Devices Using Trilateration: An Improved Method for the Visually Impaired. , 2018, , .		3
23	Some computational issues in optimal control by nonlinear programming. Annals of Operations Research, 1993, 43, 249-257.	4.1	1
24	Incorporating digital repeaters into the soft handover standard in digital video broadcasting for handhelds. International Journal of Services and Standards, 2006, 2, 238.	0.2	1
25	Data regeneration in communication networks. , 2012, , .		1
26	Unified approach to admissibility. Electronics Letters, 1995, 31, 1019-1020.	1.0	0
27	State feedback robust to rounding errors. Electronics Letters, 1995, 31, 1108-1109.	1.0	0
28	Forensic Investigative Process for Situational Awareness in Information Security. , 2012, , 344-356.		0
29	IEEE802.21 Assisted Fast Re-Authentication Scheme over GSABA. , 2012, , 221-243.		0