

Thomas J Owens

List of Publications by Year in descending order

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papers

451
citations

840776

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29
all docs

29
docs citations

29
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient, Secure, and Privacy-Preserving PMIPv6 Protocol for V2G Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 19-33.	6.3	20
2	RSSI Based Localization of Bluetooth Devices Using Trilateration: An Improved Method for the Visually Impaired. , 2018, , .		3
3	Binaryâ€weighted photonic digitalâ€toâ€analogue converter. IET Optoelectronics, 2017, 11, 20-28.	3.3	5
4	Secure and privacy-aware proxy mobile IPv6 protocol for vehicle-to-grid networks. , 2016, , .		6
5	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
6	Situation-Aware QoS Routing Algorithm for Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5520-5535.	6.3	79
7	Data regeneration for an allâ€photonic digital radio over fibre. IET Optoelectronics, 2014, 8, 256-263.	3.3	6
8	Investigation of routing reliability of vehicular ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	50
9	Data regeneration in communication networks. , 2012, , .		1
10	Review of Situational Awareness for Computer Network Defense. , 2012, , 1-9.		7
11	Forensic Investigative Process for Situational Awareness in Information Security. , 2012, , 344-356.		0
12	IEEE802.21 Assisted Fast Re-Authentication Scheme over GSABA. , 2012, , 221-243.		0
13	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
14	Access mechanisms in Wi-Fi networks state of art, flaws and proposed solutions. , 2010, , .		12
15	A QoS Monitoring System in a Heterogeneous Multi-Domain DVB-H Platform. IEEE Transactions on Broadcasting, 2009, 55, 124-131.	3.2	3
16	Intersystem Soft Handover for Converged DVB-H and UMTS Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 1887-1898.	6.3	18
17	Analysis of DVB-H Network Coverage With the Application of Transmit Diversity. IEEE Transactions on Broadcasting, 2008, 54, 568-577.	3.2	23
18	On the Anatomy of Human Hacking. Information Security Journal: A Global Perspective, 2007, 16, 302-314.	0.1	41

#	ARTICLE	IF	CITATIONS
19	Selection of an EAP authentication method for a WLAN. International Journal of Information and Computer Security, 2007, 1, 210.	0.2	9
20	Management of Digital Video Broadcasting services in open delivery platforms. International Journal of Mobile Communications, 2007, 5, 186.	0.3	4
21	Service Platform for Converged Interactive Broadband Broadcast and Cellular Wireless. IEEE Transactions on Broadcasting, 2007, 53, 200-211.	3.2	22
22	A survey of handover algorithms in DVB-H. IEEE Communications Surveys and Tutorials, 2006, 8, 16-29.	39.4	18
23	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
24	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
25	OFDM over IEEE 802.11b hardware for telemedical applications. International Journal of Mobile Communications, 2004, 2, 310.	0.3	12
26	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
27	Unified approach to admissibility. Electronics Letters, 1995, 31, 1019-1020.	1.0	0
28	State feedback robust to rounding errors. Electronics Letters, 1995, 31, 1108-1109.	1.0	0
29	Some computational issues in optimal control by nonlinear programming. Annals of Operations Research, 1993, 43, 249-257.	4.1	1