

Craig T Valli

List of Publications by Year in descending order

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47
papers

1,060
citations

516561

16
h-index

501076

28
g-index

48
all docs

48
docs citations

48
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Future challenges for smart cities: Cyber-security and digital forensics. Digital Investigation, 2017, 22, 3-13.	3.2	176
2	A fingerprint and finger-vein based cancelable multi-biometric system. Pattern Recognition, 2018, 78, 242-251.	5.1	161
3	Security and Accuracy of Fingerprint-Based Biometrics: A Review. Symmetry, 2019, 11, 141.	1.1	119
4	Modelling and Evaluation of Malicious Attacks against the IoT MQTT Protocol. , 2017, , .		53
5	Securing Mobile Healthcare Data: A Smart Card Based Cancelable Finger-Vein Bio-Cryptosystem. IEEE Access, 2018, 6, 36939-36947.	2.6	51
6	Denial of service attack detection through machine learning for the IoT. Journal of Information and Telecommunication, 2020, 4, 482-503.	2.2	44
7	Securing Deep Learning Based Edge Finger Vein Biometrics With Binary Decision Diagram. IEEE Transactions on Industrial Informatics, 2019, 15, 4244-4253.	7.2	43
8	Biometrics for Internet-of-Things Security: A Review. Sensors, 2021, 21, 6163.	2.1	39
9	Finger-to-Heart (F2H): Authentication for Wireless Implantable Medical Devices. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1546-1557.	3.9	38
10	A Privacy-Preserving Lightweight Biometric System for Internet of Things Security. IEEE Communications Magazine, 2019, 57, 84-89.	4.9	29
11	Risk Analysis of Cloud Sourcing in Healthcare and Public Health Industry. IEEE Access, 2018, 6, 19140-19150.	2.6	26
12	A security review of local government using NIST CSF: a case study. Journal of Supercomputing, 2018, 74, 5171-5186.	2.4	23
13	A Critical Analysis of ECG-Based Key Distribution for Securing Wearable and Implantable Medical Devices. IEEE Sensors Journal, 2019, 19, 1186-1198.	2.4	23
14	ECB4CI: an enhanced cancelable biometric system for securing critical infrastructures. Journal of Supercomputing, 2018, 74, 4893-4909.	2.4	22
15	A Cancelable Iris- and Steganography-Based User Authentication System for the Internet of Things. Sensors, 2019, 19, 2985.	2.1	21
16	Integration of Biometrics and Steganography: A Comprehensive Review. Technologies, 2019, 7, 34.	3.0	20
17	Review and Analysis of Cowrie Artefacts and Their Potential to be Used Deceptively. , 2019, , .		17
18	Honeypot technologies and their applicability as a strategic internal countermeasure. International Journal of Information and Computer Security, 2007, 1, 430.	0.2	16

#	ARTICLE	IF	CITATIONS
19	The 2009 Analysis of Information Remaining on Disks Offered for Sale on the Second Hand Market. Digital Forensics, Security and Law Journal, 0, , .	0.0	15
20	Malware Forensics: Discovery of the Intent of Deception. Digital Forensics, Security and Law Journal, 0, , .	0.0	14
21	Impact of feature proportion on matching performance of multi-biometric systems. ICT Express, 2019, 5, 37-40.	3.3	12
22	From WannaCry to WannaDie: Security trade-offs and design for implantable medical devices. , 2017, , .		11
23	Revisiting Urban War Nibbling: Mobile Passive Discovery of Classic Bluetooth Devices Using Ubetooth One. IEEE Transactions on Information Forensics and Security, 2017, 12, 1625-1636.	4.5	10
24	On 802.11 Access Point Locatability and Named Entity Recognition in Service Set Identifiers. IEEE Transactions on Information Forensics and Security, 2016, 11, 584-593.	4.5	9
25	AZSPM: Autonomic Zero-Knowledge Security Provisioning Model for Medical Control Systems in Fog Computing Environments. , 2017, , .		8
26	Non-€business use of the WWW in three Western Australian organisations. Internet Research, 2004, 14, 353-359.	2.7	7
27	Fingerprint Access Control for Wireless Insulin Pump Systems Using Cancelable Delaunay Triangulations. IEEE Access, 2019, 7, 75629-75641.	2.6	7
28	The 2006 Analysis of Information Remaining on Disks Offered for Sale on the Second Hand Market. Digital Forensics, Security and Law Journal, 0, , .	0.0	6
29	The 2007 analysis of information remaining on disks offered for sale on the second hand market. International Journal of Liability and Scientific Enquiry, 2009, 2, 53.	0.1	4
30	BACnet - Bridging the Cyber Physical Divide One HVAC at a Time. , 2017, , .		4
31	Securing the elderly in cyberspace with fingerprints. , 2020, , 59-79.		4
32	Analysis of Conpot and Its BACnet Features for Cyber-Deception. Transactions on Computational Science and Computational Intelligence, 2021, , 329-339.	0.3	4
33	SSH - Somewhat Secure Host. Lecture Notes in Computer Science, 2012, , 227-235.	1.0	4
34	Security Issues with BACnet Value Handling. , 2017, , .		4
35	Advanced Cowrie Configuration to Increase Honeypot Deceptiveness. IFIP Advances in Information and Communication Technology, 2021, , 317-331.	0.5	3
36	An Exploration of Some Security Issues Within the BACnet Protocol. Communications in Computer and Information Science, 2018, , 252-272.	0.4	3

#	ARTICLE	IF	CITATIONS
37	POStCODE Middleware for Post-Market Surveillance of Medical Devices for Cyber Security in Medical and Healthcare Sector in Australia. , 2018, , .		2
38	Visualisation of Honeypot Data Using Graphviz and Afterglow. Digital Forensics, Security and Law Journal, 0, , .	0.0	2
39	Developing VoIP Honeypots: a Preliminary Investigation into Malfeasant Activity. Digital Forensics, Security and Law Journal, 0, , .	0.0	2
40	Ignorant Experts: Computer and Network Security Support from Internet Service Providers. , 2010, , .		1
41	Service Set Identifier Geolocation for Forensic Purposes: Opportunities and Challenges. , 2016, , .		1
42	Discovering Trends for the Development of Novel Authentication Applications for Dementia Patients. Advances in Intelligent Systems and Computing, 2018, , 220-237.	0.5	1
43	Application of 3D Delaunay Triangulation in Fingerprint Authentication System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 291-298.	0.2	0
44	Corrections to "Risk Analysis of Cloud Sourcing in Healthcare and Public Health Industry" IEEE Access, 2021, 9, 79628-79628.	2.6	0
45	A Forensic Log File Extraction Tool for ICQ Instant Messaging Clients. Digital Forensics, Security and Law Journal, 0, , .	0.0	0
46	Insecurity by Obscurity: A Review of SoHo Router Literature from a Network Security Perspective. Digital Forensics, Security and Law Journal, 0, , .	0.0	0
47	Cybersecurity for wireless implants. , 0, , .		0