Eoghan Casey

List of Publications by Year
in descending order

50 papers	1,058 citations	471509 17 h-index	501196 28 g-index
97 all docs	97 docs citations	97 times ranked	513 citing authors

#	Article	IF	Citations
1	IoT forensic challenges and opportunities for digital traces. Digital Investigation, 2019, 28, S22-S29.	3.2	89
2	Investigation Delayed Is Justice Denied: Proposals for Expediting Forensic Examinations of Digital Evidence*. Journal of Forensic Sciences, 2009, 54, 1353-1364.	1.6	62
3	Network traffic as a source of evidence: tool strengths, weaknesses, and future needs. Digital Investigation, 2004, 1, 28-43.	3.2	61
4	Leveraging CybOXâ„¢ to standardize representation and exchange of digital forensic information. Digital Investigation, 2015, 12, S102-S110.	3.2	55
5	The impact of full disk encryption on digital forensics. Operating Systems Review (ACM), 2008, 42, 93-98.	1.9	49
6	The chequered past and risky future of digital forensics. Australian Journal of Forensic Sciences, 2019, 51, 649-664.	1.2	49
7	The growing need for on-scene triage of mobile devices. Digital Investigation, 2010, 6, 112-124.	3.2	45
8	The Kodak Syndrome: Risks and Opportunities Created by Decentralization of Forensic Capabilities. Journal of Forensic Sciences, 2019, 64, 127-136.	1.6	39
9	Advancing coordinated cyber-investigations and tool interoperability using a community developed specification language. Digital Investigation, 2017, 22, 14-45.	3.2	33
10	Investigating sophisticated security breaches. Communications of the ACM, 2006, 49, 48-55.	4.5	31
11	Introduction to Windows Mobile Forensics. Digital Investigation, 2010, 6, 136-146.	3.2	29
12	Honing digital forensic processes. Digital Investigation, 2013, 10, 138-147.	3.2	28
13	Extracting Windows command line details from physical memory. Digital Investigation, 2010, 7, S57-S63.	3.2	26
14	Forensic Analysis. , 2010, , 21-62.		24
15	Case study: Network intrusion investigation â€" lessons in forensic preparation. Digital Investigation, 2005, 2, 254-260.	3.2	22
16	Intrusion Investigation. , 2010, , 135-206.		20
17	The growing impact of full disk encryption on digital forensics. Digital Investigation, 2011, 8, 129-134.	3.2	17
18	Digital transformation risk management in forensic science laboratories. Forensic Science International, 2020, 316, 110486.	2.2	16

#	Article	IF	Citations
19	Tool review â€" remote forensic preservation and examination tools. Digital Investigation, 2004, 1, 284-297.	3.2	12
20	Tamperproof timestamped provenance ledger using blockchain technology. Forensic Science International: Digital Investigation, 2020, 33, 300977.	1.7	12
21	Chronological independently verifiable electronic chain of custody ledger using blockchain technology. Forensic Science International: Digital Investigation, 2020, 33, 300976.	1.7	12
22	Using computed similarity of distinctive digital traces to evaluate non-obvious links and repetitions in cyber-investigations. Digital Investigation, 2018, 24, S2-S9.	3.2	11
23	Standardization of file recovery classification and authentication. Digital Investigation, 2019, 31, 100873.	3.2	11
24	Determining Intent â€" Opportunistic vs Targeted Attacks. Computer Fraud and Security, 2003, 2003, 8-11.	1.6	10
25	Digital Stratigraphy: Contextual Analysis of File System Traces in Forensic Science. Journal of Forensic Sciences, 2018, 63, 1383-1391.	1.6	10
26	Design tradeoffs for developing fragmented video carving tools. Digital Investigation, 2014, 11, S30-S39.	3.2	9
27	Digital transformations and the viability of forensic science laboratories: Crisis-opportunity through decentralisation. Forensic Science International, 2018, 289, e24-e25.	2.2	9
28	Standardization of forming and expressing preliminary evaluative opinions on digital evidence. Forensic Science International: Digital Investigation, 2020, 32, 200888.	1.7	8
29	Tool reviewâ€"WinHex. Digital Investigation, 2004, 1, 114-128.	3.2	7
30	Forensic acquisition and analysis of palm webOS on mobile devices. Digital Investigation, 2011, 8, 37-47.	3.2	6
31	Triage in digital forensics. Digital Investigation, 2013, 10, 85-86.	3.2	6
32	Do Identities Matter?. Policing (Oxford), 2019, 13, 21-34.	1.4	6
33	A formalized model of the Trace. Forensic Science International, 2021, 327, 110941.	2.2	6
34	The Evolution of Expressing and Exchanging Cyber-Investigation Information in a Standardized Form. Law, Governance and Technology Series, 2018, , 43-58.	0.4	5
35	Forensic Analysis as Iterative Learning. Profiles in Operations Research, 2020, , 177-192.	0.4	5
36	Reconstructing Digital Evidence. , 2011, , 531-548.		4

#	Article	IF	Citations
37	Structured decision making in investigations involving digital and multimedia evidence. Forensic Science International: Digital Investigation, 2020, 34, 301015.	1.7	4
38	The role of evaluations in reaching decisions using automated systems supporting forensic analysis. Forensic Science International: Digital Investigation, 2020, 34, 301016.	1.7	4
39	Inter‑regional digital forensic knowledge management: needs, challenges, and solutions. Journal of Forensic Sciences, 2021, 66, 619-629.	1.6	4
40	The need for translational research in digital investigation. Digital Investigation, 2018, 26, 1-2.	3.2	2
41	Memory Forensics. , 2012, , 93-154.		1
42	Editorial: IT security is not enough. Digital Investigation, 2012, 9, 1-2.	3.2	1
43	Reconstructing digital evidence. , 2007, , 419-439.		1
44	IoT Forensic Science. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 1-37.	0.5	1
45	Motivating STEM+C Learning with Social Impact of Cybersecurity and Digital Forensics. , 2020, , .		1
46	Crowdsourcing forensics: Creating a curated catalog of digital forensic artifacts. Journal of Forensic Sciences, 0, , .	1.6	1
47	Cyberpatterns. , 2012, , 361-378.		0
48	Structuring the Evaluation of Location-Related Mobile Device Evidence. Forensic Science International: Digital Investigation, 2020, 32, 300928.	1.7	0
49	Network Investigations. , 2010, , 437-516.		0
50	UNIX Forensic Analysis. , 2010, , 301-351.		0