Vassil Roussev

List of Publications by Year
in descending order

34 papers	1,269 citations	471509 17 h-index	552781 26 g-index
36 all docs	36 docs citations	36 times ranked	588 citing authors

#	Article	IF	Citations
1	Bringing science to digital forensics with standardized forensic corpora. Digital Investigation, 2009, 6, S2-S11.	3.2	256
2	Data Fingerprinting with Similarity Digests. International Federation for Information Processing, 2010, , 207-226.	0.4	111
3	Next-generation digital forensics. Communications of the ACM, 2006, 49, 76-80.	4.5	101
4	An evaluation of forensic similarity hashes. Digital Investigation, 2011, 8, S34-S41.	3.2	91
5	Programmable Logic Controller Forensics. IEEE Security and Privacy, 2017, 15, 18-24.	1.2	63
6	Real-time digital forensics and triage. Digital Investigation, 2013, 10, 158-167.	3.2	59
7	Multi-resolution similarity hashing. Digital Investigation, 2007, 4, 105-113.	3.2	57
8	Using purpose-built functions and block hashes to enable small block and sub-file forensics. Digital Investigation, 2010, 7, S13-S23.	3.2	52
9	File Fragment Classification-The Case for Specialized Approaches. , 2009, , .		51
10	SCADA network forensics of the PCCC protocol. Digital Investigation, 2017, 22, S57-S65.	3.2	46
11	Cloud forensicsâ€"Tool development studies & future outlook. Digital Investigation, 2016, 18, 79-95.	3.2	39
12	A SCADA System Testbed for Cybersecurity and Forensic Research and Pedagogy. , 2016, , .		37
13	Content triage with similarity digests: The M57 case study. Digital Investigation, 2012, 9, S60-S68.	3.2	32
14	Forensic analysis of cloud-native artifacts. Digital Investigation, 2016, 16, S104-S113.	3.2	31
15	md5bloom: Forensic filesystem hashing revisited. Digital Investigation, 2006, 3, 82-90.	3.2	30
16	Hashing and Data Fingerprinting in Digital Forensics. IEEE Security and Privacy, 2009, 7, 49-55.	1.2	29
17	Denial of Engineering Operations Attacks in Industrial Control Systems. , 2018, , .		27
18	File fragment encoding classificationâ€"An empirical approach. Digital Investigation, 2013, 10, S69-S77.	3.2	24

#	Article	IF	Citations
19	SCARF: A container-based approach to cloud-scale digital forensic processing. Digital Investigation, 2017, 22, S39-S47.	3.2	21
20	Automated evaluation of approximate matching algorithms on real data. Digital Investigation, 2014, 11, S10-S17.	3.2	20
21	OpSeq. , 2015, , .		16
22	Image-based kernel fingerprinting. Digital Investigation, 2014, 11, S13-S21.	3.2	11
23	Evaluating detection error trade-offs for bytewise approximate matching algorithms. Digital Investigation, 2014, 11, 81-89.	3.2	11
24	API-Based Forensic Acquisition of Cloud Drives. IFIP Advances in Information and Communication Technology, 2016, , 213-235.	0.7	11
25	Forensic discovery auditing of digital evidence containers. Digital Investigation, 2007, 4, 88-97.	3.2	9
26	Managing Terabyte-Scale Investigations with Similarity Digests. International Federation for Information Processing, 2012, , 19-34.	0.4	8
27	Nugget: A digital forensics language. Digital Investigation, 2018, 24, S38-S47.	3.2	6
28	Building Open and Scalable Digital Forensic Tools. , 2011, , .		4
29	Class-Aware Similarity Hashing for Data Classification. International Federation for Information Processing, 2008, , 101-113.	0.4	4
30	Digital Forensic Science: Issues, Methods, and Challenges. Synthesis Lectures on Information Security Privacy and Trust, 2016, 8, 1-155.	0.3	3
31	Latent Typing Biometrics in Online Collaboration Services. , 2018, , .		2
32	Digital Forensics. , 2014, , 56-1-55-29.		1
33	Building a Forensic Computing Language. , 2015, , .		0
34	Language-based Integration of Digital Forensics & Incident Response. , 2019, , .		0