

# Áine MacDermott

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1887602/publications.pdf>

Version: 2024-02-01

33  
papers

353  
citations

1683354

5  
h-index

1473754

9  
g-index

34  
all docs

34  
docs citations

34  
times ranked

437  
citing authors

#	ARTICLE	IF	CITATIONS
1	CTRUST: A Dynamic Trust Model for Collaborative Applications in the Internet of Things. IEEE Internet of Things Journal, 2019, 6, 5432-5445.	5.5	72
2	IoT Forensics: Challenges for the IoT Era. , 2018, , .		56
3	TrustChain: A Privacy Preserving Blockchain with Edge Computing. Wireless Communications and Mobile Computing, 2019, 2019, 1-17.	0.8	56
4	A secure fog-based platform for SCADA-based IoT critical infrastructure. Software - Practice and Experience, 2020, 50, 503-518.	2.5	46
5	Securing Things in the Healthcare Internet of Things. , 2019, , .		15
6	Recurrent Neural Networks in Medical Data Analysis and Classifications. , 2016, , 147-165.		12
7	Forensic Analysis of Wearable Devices: Fitbit, Garmin and HETP Watches. , 2019, , .		12
8	The Internet of Things: Challenges and Considerations for Cybercrime Investigations and Digital Forensics. International Journal of Digital Crime and Forensics, 2020, 12, 1-13.	0.5	11
9	Drone Forensics. International Journal of Digital Crime and Forensics, 2021, 13, 1-25.	0.5	11
10	Drone Forensics: A Case Study on DJI Phantom 4. , 2019, , .		8
11	Methods and techniques to support the development of fraud detection system. , 2015, , .		7
12	Deep learning combined with de-noising data for network intrusion detection. , 2017, , .		7
13	Considering an elastic scaling model for cloud Security. , 2013, , .		6
14	Digital Forensic Acquisition and Analysis of Discord Applications. , 2020, , .		6
15	Hosting critical infrastructure services in the cloud environment considerations. International Journal of Critical Infrastructures, 2015, 11, 365.	0.1	4
16	Simulating Critical Infrastructure Cascading Failure. , 2014, , .		3
17	The Development of Fraud Detection Systems for Detection of Potentially Fraudulent Applications. , 2015, , .		3
18	Forensic Analysis of Fitbit Versa: Android vs iOS. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
19	Evaluating the effects of cascading failures in a network of critical infrastructures. International Journal of System of Systems Engineering, 2015, 6, 221.	0.4	2
20	Deep COLA: A Deep COmpetitive Learning Algorithm for Future Home Energy Management Systems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, , 1-11.	3.4	2
21	Discord Server Forensics: Analysis and Extraction of Digital Evidence. , 2021, , .		2
22	Privacy Preserving Issues in the Dynamic Internet of Things (IoT). , 2020, , .		2
23	A Methodology to Develop Dynamic Cost-Centric Risk Impact Metrics. , 2015, , .		1
24	Detecting Intrusions in Federated Cloud Environments Using Security as a Service. , 2015, , .		1
25	Improving Communication between Healthcare Professionals and Their Patients through a Prescription Tracking System. , 2015, , .		1
26	Improving the barrier of communication between healthcare professionals and their patients using a Prescription Tracking System. , 2015, , .		1
27	Trust-Based Data Controller for Personal Information Management. , 2018, , .		1
28	A Selective Regression Testing Approach for Composite Web Services. , 2015, , .		0
29	Evaluating Interdependencies and Cascading Failures Using Distributed Attack Graph Generation Methods for Critical Infrastructure Defence. , 2015, , .		0
30	Securing the smart grid: threats and remediation. International Journal of Smart Grid and Green Communications, 2016, 1, 166.	0.2	0
31	An Elastic Scaling Method for Cloud Security. Journal of Internet Technology and Secured Transaction, 2014, 3, 254-262.	0.2	0
32	Arts and Branches of Science Significantly Contributing to Cyber and Cyber Security. International Journal of Cyber Warfare and Terrorism, 2016, 6, 24-40.	0.3	0
33	Arts and Branches of Science Significantly Contributing to Cyber and Cyber Security. , 2018, , 977-994.		0