Farkhund Iqbal

List of Publications by Year
in descending order

87 papers	1,805 citations	535685 17 h-index	406436 35 g-index
94 all docs	94 docs citations	94 times ranked	1629 citing authors

#	Article	IF	Citations
1	Distinguishing between fake news and satire with transformers. Expert Systems With Applications, 2022, 187, 115824.	4.4	5
2	Cyber Forensics with Machine Learning. , 2022, , 1-6.		3
3	Exploring the human factors in moral dilemmas of autonomous vehicles. Personal and Ubiquitous Computing, 2022, 26, 1321-1331.	1.9	7
4	Authorship identification using ensemble learning. Scientific Reports, 2022, 12, .	1.6	19
5	Enabling Secure Trustworthiness Assessment and Privacy Protection in Integrating Data for Trading Person-Specific Information. IEEE Transactions on Engineering Management, 2021, 68, 149-169.	2.4	6
6	Forensic Analysis of Fitbit Versa: Android vs iOS. , 2021, , .		3
7	Toward Tweet-Mining Framework for Extracting Terrorist Attack-Related Information and Reporting. IEEE Access, 2021, 9, 115535-115547.	2.6	13
8	Systematic privacy impact assessment scheme for smart connected toys data privacy compliance. International Journal of Big Data Intelligence, 2021, 8, 47.	0.4	2
9	Automatic Fall Risk Detection Based on Imbalanced Data. IEEE Access, 2021, 9, 163594-163611.	2.6	5
10	A secure fogâ€based platform for SCADAâ€based IoT critical infrastructure. Software - Practice and Experience, 2020, 50, 503-518.	2.5	46
11	On data-driven curation, learning, and analysis for inferring evolving internet-of-Things (IoT) botnets in the wild. Computers and Security, 2020, 91, 101707.	4.0	42
12	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
13	A Deep Learning Framework for Malware Classification. International Journal of Digital Crime and Forensics, 2020, 12, 90-108.	0.5	5
14	Efficient scheduling of video camera sensor networks for IoT systems in smart cities. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3798.	2.6	7
15	Towards a Better Understanding of Drone Forensics. International Journal of Digital Crime and Forensics, 2020, 12, 35-57.	0.5	11
16	Guaranteed lifetime protocol for IoT based wireless sensor networks with multiple constraints. Ad Hoc Networks, 2020, 104, 102158.	3.4	17
17	Artificial Intelligence And Digital Forensics. International Series on Computer Entertainment and Media Technology, 2020, , 139-150.	0.7	2
18	4P based forensics investigation framework for smart connected toys. , 2020, , .		4

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19	Authorship Attribution With Few Training Samples. International Series on Computer Entertainment and Media Technology, 2020, , 75-87.	0.7	0
20	Writeprint Mining For Authorship Attribution. International Series on Computer Entertainment and Media Technology, 2020, , 57-74.	0.7	0
21	Messaging Forensics In Perspective. International Series on Computer Entertainment and Media Technology, 2020, , 23-36.	0.7	0
22	Unmanned Aerial Vehicles enabled IoT Platform for Disaster Management. Energies, 2019, 12, 2706.	1.6	55
23	Drone forensics: examination and analysis. International Journal of Electronic Security and Digital Forensics, 2019, 11, 245.	0.1	12
24	Wordnet-Based Criminal Networks Mining for Cybercrime Investigation. IEEE Access, 2019, 7, 22740-22755.	2.6	31
25	Memory Forensics: Recovering Chat Messages and Encryption Master Key. , 2019, , .		14
26	Forensic Analysis of Wearable Devices: Fitbit, Garmin and HETP Watches. , 2019, , .		12
27	Data-driven Curation, Learning and Analysis for Inferring Evolving IoT Botnets in the Wild. , 2019, , .		14
28	A Hybrid Framework for Sentiment Analysis Using Genetic Algorithm Based Feature Reduction. IEEE Access, 2019, 7, 14637-14652.	2.6	97
29	Robot Computing for Music Visualization. Lecture Notes in Computer Science, 2019, , 438-447.	1.0	3
30	A Privacy-Preserving Context Ontology (PPCO) for Smart Connected Toys. , 2019, , .		3
31	Drone Forensics: A Case Study on DJI Phantom 4. , 2019, , .		8
32	Solving MAX-SAT Problem by Binary Biogeograph-based Optimization Algorithm. , 2019, , .		2
33	A Predictive Model for Predicting Students Academic Performance. , 2019, , .		14
34	ZigBee Security Vulnerabilities: Exploration and Evaluating. , 2019, , .		22
35	Arabic Authorship Attribution. ACM Transactions on Asian and Low-Resource Language Information Processing, 2019, 18, 1-51.	1.3	14
36	Learning Stylometric Representations for Authorship Analysis. IEEE Transactions on Cybernetics, 2019, 49, 107-121.	6.2	61

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37	Security and privacy challenges in smart cities. Sustainable Cities and Society, 2018, 39, 499-507.	5.1	220
38	Malware Classification with Deep Convolutional Neural Networks. , 2018, , .		173
39	Remote Data Acquisition Using Raspberry Pi3. , 2018, , .		4
40	Drone Forensics: Challenges and New Insights. , 2018, , .		33
41	Opportunistic mining of top-n high utility patterns. Information Sciences, 2018, 441, 171-186.	4.0	11
42	Differentially private multidimensional data publishing. Knowledge and Information Systems, 2018, 56, 717-752.	2.1	8
43	Fuzzy searching and routing in unstructured mobile peer-to-peer networks. Cluster Computing, 2018, 21, 363-375.	3.5	1
44	Smart Home Systems Security. , 2018, , .		7
45	Towards a Music Visualization on Robot (MVR) Prototype. , 2018, , .		3
46	Intelligent Multi-Agent Collaboration Model for Smart Home IoT Security. , 2018, , .		9
47	SafePath: Differentially-private publishing of passenger trajectories in transportation systems. Computer Networks, 2018, 143, 126-139.	3.2	30
48	A glance at research-driven university's technology transfer office in the UAE. International Journal of Technology Management, 2018, 78, 70.	0.2	4
49	A Study of Detecting Child Pornography on Smart Phone. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 373-384.	0.5	1
50	A glance at research-driven university's technology transfer office in the UAE. International Journal of Technology Management, 2018, 78, 70.	0.2	0
51	A Study of Children Facial Recognition for Privacy in Smart TV. Lecture Notes in Computer Science, 2017, , 229-240.	1.0	5
52	SONAR. , 2017, , .		40
53	Revealing determinant factors for early breast cancer recurrence by decision tree. Information Systems Frontiers, 2017, 19, 1233-1241.	4.1	15
54	Charging infrastructure placement for electric vehicles: An optimization prospective. , 2017, , .		6

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55	Towards a Privacy Rule Conceptual Model for Smart Toys. International Series on Computer Entertainment and Media Technology, 2017, , 85-102.	0.7	14
56	Towards a Privacy Rule Conceptual Model for Smart Toys. , 2017, , .		19
57	Towards A Self Adaptive System for Social Wellness. Sensors, 2016, 16, 531.	2.1	7
58	Privacy Requirements for mobile e-Service in the Health Authority - Abu Dhabi (HAAD). , 2016, , .		5
59	Magec: An Image Searching Tool for Detecting Forged Images in Forensic Investigation. , 2016, , .		10
60	White-Hat Hacking Framework for Promoting Security Awareness. , 2016, , .		16
61	Multimedia File Signature Analysis for Smartphone Forensics. , 2016, , .		5
62	Forensic analysis of xbox one and playstation 4 gaming consoles. , 2016, , .		6
63	Bounded message delay with threshold time constraint in delay tolerant networks (DTNs). , 2016, , .		1
64	Fuzzy Query Routing in Unstructured Mobile Peer-to-Peer Networks. , 2016, , .		2
65	Privacy-preserving data mashup model for trading person-specific information. Electronic Commerce Research and Applications, 2016, 17, 19-37.	2.5	11
66	A Glance of Childâ€™s Play Privacy in Smart Toys. Lecture Notes in Computer Science, 2016, , 217-231.	1.0	15
67	Fuzzy Logic-Based Guaranteed Lifetime Protocol for Real-Time Wireless Sensor Networks. Sensors, 2015, 15, 20373-20391.	2.1	29
68	Fusion: Privacy-Preserving Distributed Protocol for High-Dimensional Data Mashup. , 2015, , .		5
69	E-mail authorship attribution using customized associative classification. Digital Investigation, 2015, 14, S116-S126.	3.2	28
70	Identification and analysis of free games' permissions in Google Play. , 2015, , .		1
71	Graph-theoretic characterization of cyber-threat infrastructures. Digital Investigation, 2015, 14, S3-S15.	3.2	19
72	Privacy-Preserving Medical Reports Publishing for Cluster Analysis. , 2014, , .		0

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73	A forensic analysis framework for recovering encryption keys and BB10 backup decryption. , 2014, , .		1
74	Testing the forensic soundness of forensic examination environments on bootable media. Digital Investigation, 2014, 11, S22-S29.	3.2	1
75	An Approach for the Validation of File Recovery Functions in Digital Forensics' Software Tools. , 2014, , .		2
76	Computer Profiling for Preliminary Forensic Examination. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 207-220.	0.2	0
77	A unified data mining solution for authorship analysis in anonymous textual communications. Information Sciences, 2013, 231, 98-112.	4.0	84
78	CAT Record (computer activity timeline record): A unified agent based approach for real time computer forensic evidence collection. , 2013, , .		2
79	Towards a unified agent-based approach for real time computer forensic evidence collection. , 2013, , .		2
80	Mining Criminal Networks from Chat Log. , 2012, , .		11
81	Investigating the dark cyberspace: Profiling, threat-based analysis and correlation. , 2012, , .		20
82	Speaker verification from partially encrypted compressed speech for forensic investigation. Digital Investigation, 2010, 7, 74-80.	3.2	18
83	Mining writeprints from anonymous e-mails for forensic investigation. Digital Investigation, 2010, 7, 56-64.	3.2	109
84	e-mail authorship verification for forensic investigation. , 2010, , .		39
85	Towards an integrated e-mail forensic analysis framework. Digital Investigation, 2009, 5, 124-137.	3.2	64
86	A novel approach of mining write-prints for authorship attribution in e-mail forensics. Digital Investigation, 2008, 5, S42-S51.	3.2	95
87	Recommendations for a smart toy parental control tool. Journal of Supercomputing, 0, , 1.	2.4	1