

# Farkhund Iqbal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1955485/publications.pdf>

Version: 2024-02-01

87  
papers

1,805  
citations

471509

17  
h-index

361022

35  
g-index

94  
all docs

94  
docs citations

94  
times ranked

1451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Security and privacy challenges in smart cities. Sustainable Cities and Society, 2018, 39, 499-507.	10.4	220
2	Malware Classification with Deep Convolutional Neural Networks. , 2018, , .		173
3	Mining writeprints from anonymous e-mails for forensic investigation. Digital Investigation, 2010, 7, 56-64.	3.2	109
4	A Hybrid Framework for Sentiment Analysis Using Genetic Algorithm Based Feature Reduction. IEEE Access, 2019, 7, 14637-14652.	4.2	97
5	A novel approach of mining write-prints for authorship attribution in e-mail forensics. Digital Investigation, 2008, 5, S42-S51.	3.2	95
6	A unified data mining solution for authorship analysis in anonymous textual communications. Information Sciences, 2013, 231, 98-112.	6.9	84
7	Towards an integrated e-mail forensic analysis framework. Digital Investigation, 2009, 5, 124-137.	3.2	64
8	Learning Stylometric Representations for Authorship Analysis. IEEE Transactions on Cybernetics, 2019, 49, 107-121.	9.5	61
9	Unmanned Aerial Vehicles enabled IoT Platform for Disaster Management. Energies, 2019, 12, 2706.	3.1	55
10	A secure fog-based platform for SCADA-based IoT critical infrastructure. Software - Practice and Experience, 2020, 50, 503-518.	3.6	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.	6.0	42
12	SONAR. , 2017, , .		40
13	e-mail authorship verification for forensic investigation. , 2010, , .		39
14	Drone Forensics: Challenges and New Insights. , 2018, , .		33
15	Wordnet-Based Criminal Networks Mining for Cybercrime Investigation. IEEE Access, 2019, 7, 22740-22755.	4.2	31
16	SafePath: Differentially-private publishing of passenger trajectories in transportation systems. Computer Networks, 2018, 143, 126-139.	5.1	30
17	Fuzzy Logic-Based Guaranteed Lifetime Protocol for Real-Time Wireless Sensor Networks. Sensors, 2015, 15, 20373-20391.	3.8	29
18	E-mail authorship attribution using customized associative classification. Digital Investigation, 2015, 14, S116-S126.	3.2	28

#	ARTICLE	IF	CITATIONS
19	ZigBee Security Vulnerabilities: Exploration and Evaluating. , 2019, , .		22
20	Investigating the dark cyberspace: Profiling, threat-based analysis and correlation. , 2012, , .		20
21	Graph-theoretic characterization of cyber-threat infrastructures. Digital Investigation, 2015, 14, S3-S15.	3.2	19
22	Towards a Privacy Rule Conceptual Model for Smart Toys. , 2017, , .		19
23	Authorship identification using ensemble learning. Scientific Reports, 2022, 12, .	3.3	19
24	Speaker verification from partially encrypted compressed speech for forensic investigation. Digital Investigation, 2010, 7, 74-80.	3.2	18
25	Guaranteed lifetime protocol for IoT based wireless sensor networks with multiple constraints. Ad Hoc Networks, 2020, 104, 102158.	5.5	17
26	White-Hat Hacking Framework for Promoting Security Awareness. , 2016, , .		16
27	Revealing determinant factors for early breast cancer recurrence by decision tree. Information Systems Frontiers, 2017, 19, 1233-1241.	6.4	15
28	A Glance of Childâ€™s Play Privacy in Smart Toys. Lecture Notes in Computer Science, 2016, , 217-231.	1.3	15
29	Memory Forensics: Recovering Chat Messages and Encryption Master Key. , 2019, , .		14
30	Data-driven Curation, Learning and Analysis for Inferring Evolving IoT Botnets in the Wild. , 2019, , .		14
31	A Predictive Model for Predicting Students Academic Performance. , 2019, , .		14
32	Arabic Authorship Attribution. ACM Transactions on Asian and Low-Resource Language Information Processing, 2019, 18, 1-51.	2.0	14
33	Towards a Privacy Rule Conceptual Model for Smart Toys. International Series on Computer Entertainment and Media Technology, 2017, , 85-102.	0.8	14
34	Toward Tweet-Mining Framework for Extracting Terrorist Attack-Related Information and Reporting. IEEE Access, 2021, 9, 115535-115547.	4.2	13
35	Drone forensics: examination and analysis. International Journal of Electronic Security and Digital Forensics, 2019, 11, 245.	0.2	12
36	Forensic Analysis of Wearable Devices: Fitbit, Garmin and HETP Watches. , 2019, , .		12

#	ARTICLE	IF	CITATIONS
37	Mining Criminal Networks from Chat Log. , 2012, , .		11
38	Privacy-preserving data mashup model for trading person-specific information. Electronic Commerce Research and Applications, 2016, 17, 19-37.	5.0	11
39	Opportunistic mining of top-n high utility patterns. Information Sciences, 2018, 441, 171-186.	6.9	11
40	The Internet of Things: Challenges and Considerations for Cybercrime Investigations and Digital Forensics. International Journal of Digital Crime and Forensics, 2020, 12, 1-13.	0.7	11
41	Towards a Better Understanding of Drone Forensics. International Journal of Digital Crime and Forensics, 2020, 12, 35-57.	0.7	11
42	Magec: An Image Searching Tool for Detecting Forged Images in Forensic Investigation. , 2016, , .		10
43	Intelligent Multi-Agent Collaboration Model for Smart Home IoT Security. , 2018, , .		9
44	Differentially private multidimensional data publishing. Knowledge and Information Systems, 2018, 56, 717-752.	3.2	8
45	Drone Forensics: A Case Study on DJI Phantom 4. , 2019, , .		8
46	Towards A Self Adaptive System for Social Wellness. Sensors, 2016, 16, 531.	3.8	7
47	Smart Home Systems Security. , 2018, , .		7
48	Efficient scheduling of video camera sensor networks for IoT systems in smart cities. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3798.	3.9	7
49	Exploring the human factors in moral dilemmas of autonomous vehicles. Personal and Ubiquitous Computing, 2022, 26, 1321-1331.	2.8	7
50	Forensic analysis of xbox one and playstation 4 gaming consoles. , 2016, , .		6
51	Charging infrastructure placement for electric vehicles: An optimization prospective. , 2017, , .		6
52	Enabling Secure Trustworthiness Assessment and Privacy Protection in Integrating Data for Trading Person-Specific Information. IEEE Transactions on Engineering Management, 2021, 68, 149-169.	3.5	6
53	Fusion: Privacy-Preserving Distributed Protocol for High-Dimensional Data Mashup. , 2015, , .		5
54	Privacy Requirements for mobile e-Service in the Health Authority - Abu Dhabi (HAAD). , 2016, , .		5

#	ARTICLE	IF	CITATIONS
55	Multimedia File Signature Analysis for Smartphone Forensics. , 2016, , .		5
56	A Study of Children Facial Recognition for Privacy in Smart TV. Lecture Notes in Computer Science, 2017, , 229-240.	1.3	5
57	A Deep Learning Framework for Malware Classification. International Journal of Digital Crime and Forensics, 2020, 12, 90-108.	0.7	5
58	Distinguishing between fake news and satire with transformers. Expert Systems With Applications, 2022, 187, 115824.	7.6	5
59	Automatic Fall Risk Detection Based on Imbalanced Data. IEEE Access, 2021, 9, 163594-163611.	4.2	5
60	Remote Data Acquisition Using Raspberry Pi3. , 2018, , .		4
61	A glance at research-driven university's technology transfer office in the UAE. International Journal of Technology Management, 2018, 78, 70.	0.5	4
62	4P based forensics investigation framework for smart connected toys. , 2020, , .		4
63	Towards a Music Visualization on Robot (MVR) Prototype. , 2018, , .		3
64	Robot Computing for Music Visualization. Lecture Notes in Computer Science, 2019, , 438-447.	1.3	3
65	A Privacy-Preserving Context Ontology (PPCO) for Smart Connected Toys. , 2019, , .		3
66	Forensic Analysis of Fitbit Versa: Android vs iOS. , 2021, , .		3
67	Cyber Forensics with Machine Learning. , 2022, , 1-6.		3
68	CAT Record (computer activity timeline record): A unified agent based approach for real time computer forensic evidence collection. , 2013, , .		2
69	Towards a unified agent-based approach for real time computer forensic evidence collection. , 2013, , .		2
70	An Approach for the Validation of File Recovery Functions in Digital Forensics' Software Tools. , 2014, , .		2
71	Fuzzy Query Routing in Unstructured Mobile Peer-to-Peer Networks. , 2016, , .		2
72	Solving MAX-SAT Problem by Binary Biogeograph-based Optimization Algorithm. , 2019, , .		2

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73	Artificial Intelligence And Digital Forensics. International Series on Computer Entertainment and Media Technology, 2020, , 139-150.	0.8	2
74	Systematic privacy impact assessment scheme for smart connected toys data privacy compliance. International Journal of Big Data Intelligence, 2021, 8, 47.	0.4	2
75	A forensic analysis framework for recovering encryption keys and BB10 backup decryption. , 2014, , .		1
76	Testing the forensic soundness of forensic examination environments on bootable media. Digital Investigation, 2014, 11, S22-S29.	3.2	1
77	Identification and analysis of free games' permissions in Google Play. , 2015, , .		1
78	Bounded message delay with threshold time constraint in delay tolerant networks (DTNs). , 2016, , .		1
79	Fuzzy searching and routing in unstructured mobile peer-to-peer networks. Cluster Computing, 2018, 21, 363-375.	5.0	1
80	A Study of Detecting Child Pornography on Smart Phone. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 373-384.	0.7	1
81	Recommendations for a smart toy parental control tool. Journal of Supercomputing, 0, , 1.	3.6	1
82	Privacy-Preserving Medical Reports Publishing for Cluster Analysis. , 2014, , .		0
83	Computer Profiling for Preliminary Forensic Examination. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 207-220.	0.3	0
84	A glance at research-driven university's technology transfer office in the UAE. International Journal of Technology Management, 2018, 78, 70.	0.5	0
85	Authorship Attribution With Few Training Samples. International Series on Computer Entertainment and Media Technology, 2020, , 75-87.	0.8	0
86	Writeprint Mining For Authorship Attribution. International Series on Computer Entertainment and Media Technology, 2020, , 57-74.	0.8	0
87	Messaging Forensics In Perspective. International Series on Computer Entertainment and Media Technology, 2020, , 23-36.	0.8	0