

Fabio Di Troia

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

673
citations

932766

10
h-index

940134

16
g-index

32
all docs

32
docs citations

32
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of static, dynamic, and hybrid analysis for malware detection. Journal of Computer Virology and Hacking Techniques, 2017, 13, 1-12.	1.6	270
2	Feature analysis of encrypted malicious traffic. Expert Systems With Applications, 2019, 125, 130-141.	4.4	53
3	Detecting malware evolution using support vector machines. Expert Systems With Applications, 2020, 143, 113022.	4.4	52
4	Transfer Learning for Image-based Malware Classification. , 2019, , .		46
5	Static and Dynamic Analysis of Android Malware. , 2017, , .		40
6	Clustering for malware classification. Journal of Computer Virology and Hacking Techniques, 2017, 13, 95-107.	1.6	37
7	Support vector machines and malware detection. Journal of Computer Virology and Hacking Techniques, 2016, 12, 203-212.	1.6	32
8	Clustering versus SVM for malware detection. Journal of Computer Virology and Hacking Techniques, 2016, 12, 213-224.	1.6	16
9	Hidden Markov models with random restarts versus boosting for malware detection. Journal of Computer Virology and Hacking Techniques, 2019, 15, 97-107.	1.6	15
10	Classic cryptanalysis using hidden Markov models. Cryptologia, 2017, 41, 1-28.	0.4	13
11	Convolutional neural networks for image spam detection. Information Security Journal, 2020, 29, 103-117.	1.3	13
12	Malware classification with Word2Vec, HMM2Vec, BERT, and ELMo. Journal of Computer Virology and Hacking Techniques, 2023, 19, 1-16.	1.6	13
13	An analysis of Android adware. Journal of Computer Virology and Hacking Techniques, 2019, 15, 147-160.	1.6	12
14	Multifamily malware models. Journal of Computer Virology and Hacking Techniques, 2020, 16, 79-92.	1.6	10
15	Malware Classification using Long Short-term Memory Models. , 2021, , .		9
16	Detecting Encrypted and Polymorphic Malware Using Hidden Markov Models. Computer Communications and Networks, 2018, , 281-299.	0.8	7
17	Malware Classification with Word Embedding Features. , 2021, , .		5
18	Sentiment Analysis for Troll Detection on Weibo. , 2021, , 555-579.		5

#	ARTICLE	IF	CITATIONS
19	Vigen's scores for malware detection. Journal of Computer Virology and Hacking Techniques, 2018, 14, 157-165.	1.6	4
20	Support Vector Machines for Image Spam Analysis. , 2018, , .		4
21	Function Call Graphs Versus Machine Learning for Malware Detection. Computer Communications and Networks, 2018, , 259-279.	0.8	3
22	A New Dataset for Smartphone Gesture-based Authentication. , 2021, , .		3
23	On the Effectiveness of Generic Malware Models. , 2018, , .		3
24	On the Effectiveness of Generic Malware Models. , 2018, , .		2
25	Robust Hashing for Image-based Malware Classification. , 2018, , .		2
26	Emulation Versus Instrumentation for Android Malware Detection. Advanced Sciences and Technologies for Security Applications, 2021, , 1-20.	0.4	2
27	Advanced transcriptase for JavaScript malware. , 2016, , .		1
28	Robust Hashing for Image-based Malware Classification. , 2018, , .		1
29	Profile Hidden Markov Model Malware Detection and API Call Obfuscation. , 2022, , .		0
30	NLP-based User Authentication through Mouse Dynamics. , 2022, , .		0