

# Significant Permission Identification for Machine-Learning Detection

IEEE Transactions on Industrial Informatics

14, 3216-3225

DOI: [10.1109/tii.2017.2789219](https://doi.org/10.1109/tii.2017.2789219)

Citation Report

#	ARTICLE	IF	CITATIONS
1	DivORAM: Towards a practical oblivious RAM with variable block size. Information Sciences, 2018, 447, 1-11.	4.0	57
2	A Novel Latin-Square-Based Secret Sharing for M2M Communications. IEEE Transactions on Industrial Informatics, 2018, 14, 3659-3668.	7.2	19
3	Sensitivity Analysis of an Attack-Pattern Discovery Based Trusted Routing Scheme for Mobile Ad-Hoc Networks in Industrial IoT. IEEE Access, 2018, 6, 20085-20103.	2.6	71
4	Bus-Trajectory-Based Street-Centric Routing for Message Delivery in Urban Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7550-7563.	3.9	65
5	Data Provenance With Retention of Reference Relations. IEEE Access, 2018, 6, 77033-77042.	2.6	5
6	Intersection Traffic Prediction Using Decision Tree Models. Symmetry, 2018, 10, 386.	1.1	48
7	IoT Application-Layer Protocol Vulnerability Detection using Reverse Engineering. Symmetry, 2018, 10, 561.	1.1	9
8	Android Malware Detection Based on Deep Learning. , 2018, , .		9
9	Android Malware Permission-Based Multi-Class Classification Using Extremely Randomized Trees. IEEE Access, 2018, 6, 76217-76227.	2.6	35
10	Elephant detection using boundary sense deep learning (BSDL) architecture. Journal of Experimental and Theoretical Artificial Intelligence, 2021, 33, 561-576.	1.8	12
11	An improved authentication protocolâ€“based dynamic identity for multi-server environments. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877765.	1.3	2
12	Guest Editorial: Recent Advances on Security and Privacy of Multimedia Big Data in the Critical Infrastructure. Multimedia Tools and Applications, 2018, 77, 31517-31524.	2.6	2
13	WiP: Are Cracked Applications Really Free? An Empirical Analysis on Android Devices. , 2018, , .		3
14	TinyDroid: A Lightweight and Efficient Model for Android Malware Detection and Classification. Mobile Information Systems, 2018, 2018, 1-9.	0.4	46
15	TrafficPSSF: A Fast and An Effective Malware Detection Under Online and Offline. , 2018, , .		0
16	BSIn: A blockchain-based secure mutual authentication with fine-grained access control system for industry 4.0. Journal of Network and Computer Applications, 2018, 116, 42-52.	5.8	313
17	DroidEnsemble: Detecting Android Malicious Applications With Ensemble of String and Structural Static Features. IEEE Access, 2018, 6, 31798-31807.	2.6	80
18	Mining the Relationship between Spatial Mobility Patterns and POIs. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	0.8	2

#	ARTICLE	IF	CITATIONS
19	An Efficient Identity-Based Proxy Blind Signature for Semioffline Services. Wireless Communications and Mobile Computing, 2018, 2018, 1-9.	0.8	13
20	A Real-Time Correlation of Host-Level Events in Cyber Range Service for Smart Campus. IEEE Access, 2018, 6, 35355-35364.	2.6	78
21	Blockchain Based Credibility Verification Method for IoT Entities. Security and Communication Networks, 2018, 2018, 1-11.	1.0	59
22	Ciphertext retrieval via attribute-based FHE in cloud computing. Soft Computing, 2018, 22, 7753-7761.	2.1	2
23	Two-Stage Privacy-Preserving Mechanism for a Crowdsensing-Based VSN. IEEE Access, 2018, 6, 40682-40695.	2.6	11
24	Lightweight Cryptographic Techniques for Automotive Cybersecurity. Wireless Communications and Mobile Computing, 2018, 2018, 1-15.	0.8	26
25	Normal Cloud Model-Based Algorithm for Multi-Attribute Trusted Cloud Service Selection. IEEE Access, 2018, 6, 37644-37652.	2.6	24
26	An Identity-Based Anti-Quantum Privacy-Preserving Blind Authentication in Wireless Sensor Networks. Sensors, 2018, 18, 1663.	2.1	24
27	A Survey of Android Mobile Phone Authentication Schemes. Mobile Networks and Applications, 2021, 26, 2558-2566.	2.2	16
28	A cloud server energy consumption measurement system for heterogeneous cloud environments. Information Sciences, 2018, 468, 47-62.	4.0	35
29	Deep learning models for human centered computing in fog and mobile edge networks. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2907-2911.	3.3	21
30	Deep Learning for Secure Mobile Edge Computing in Cyber-Physical Transportation Systems. IEEE Network, 2019, 33, 36-41.	4.9	64
31	Android Malware Detection Using Genetic Algorithm based Optimized Feature Selection and Machine Learning. , 2019, , .		40
32	Comparative Analysis of Ensemble Methods for Classification of Android Malicious Applications. Communications in Computer and Information Science, 2019, , 370-380.	0.4	10
33	Identifying Malware on Cyber Physical Systems by incorporating Semi-Supervised Approach and Deep Learning. IOP Conference Series: Earth and Environmental Science, 2019, 322, 012012.	0.2	4
34	Personal Information Classification on Aggregated Android Application's Permissions. Applied Sciences (Switzerland), 2019, 9, 3997.	1.3	9
35	Multilevel Permission Extraction in Android Applications for Malware Detection. , 2019, , .		14
36	How to Make Attention Mechanisms More Practical in Malware Classification. IEEE Access, 2019, 7, 155270-155280.	2.6	16

#	ARTICLE	IF	CITATIONS
37	A3CM: Automatic Capability Annotation for Android Malware. IEEE Access, 2019, 7, 147156-147168.	2.6	29
38	Detecting Malware on X86-Based IoT Devices in Autonomous Driving. IEEE Wireless Communications, 2019, 26, 80-87.	6.6	17
39	Detecting Malicious Android Apps using the Popularity and Relations of APIs. , 2019, , .		2
40	The Android malware detection systems between hope and reality. SN Applied Sciences, 2019, 1, 1.	1.5	20
41	Statistical network protocol identification with unknown pattern extraction. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 473-482.	1.6	6
42	An Efficient Android Malware Detection System Based on Method-Level Behavioral Semantic Analysis. IEEE Access, 2019, 7, 69246-69256.	2.6	62
43	DBank: Predictive Behavioral Analysis of Recent Android Banking Trojans. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	3.7	6
44	Fine-grained access control method for private data in android system. International Journal of Distributed Sensor Networks, 2019, 15, 155014771984023.	1.3	0
45	A DRDoS Detection and Defense Method Based on Deep Forest in the Big Data Environment. Symmetry, 2019, 11, 78.	1.1	10
46	Research on Data Mining of Permission-Induced Risk for Android IoT Devices. Applied Sciences (Switzerland), 2019, 9, 277.	1.3	26
47	A Novel Visual Medical Image Encryption for Secure Transmission of Authenticated Watermarked Medical Images. Mobile Networks and Applications, 2021, 26, 2501-2508.	2.2	33
48	PACE: Platform for Android Malware Classification and Performance Evaluation. , 2019, , .		1
49	Android Malware Detection Scheme Based on Level of SSL Server Certificate. , 2019, , .		1
50	Attack Detection based on Statistical Analysis of Smartphone Resource Utilization. , 2019, , .		6
51	A Deep Convolutional Neural Network for Image Malware Classification. International Journal of Smart Security Technologies, 2019, 6, 49-60.	0.3	1
52	On Transparency and Accountability of Smart Assistants in Smart Cities. Applied Sciences (Switzerland), 2019, 9, 5344.	1.3	11
53	MalScan: Fast Market-Wide Mobile Malware Scanning by Social-Network Centrality Analysis. , 2019, , .		25
54	Discovering Future Malware Variants By Generating New Malware Samples Using Generative Adversarial Network. , 2019, , .		10

#	ARTICLE	IF	CITATIONS
55	Time and Computation Efficient Malicious Android Application Detection Using Machine Learning Techniques. , 2019, , .		2
56	Android Application Security Scanning Process. , 2019, , .		6
57	AMVG: Adaptive Malware Variant Generation Framework Using Machine Learning. , 2019, , .		4
58	Malware Analytics: Review of Data Mining, Machine Learning and Big Data Perspectives. , 2019, , .		9
59	Identifying Malicious Software Using Deep Residual Long-Short Term Memory. IEEE Access, 2019, 7, 163128-163137.	2.6	25
60	A Transparent and Multimodal Malware Detection Method for Android Apps. , 2019, , .		14
61	Spatial-Temporal Attention Network for Malware Detection Using Micro-architecture Features. , 2019, , .		2
62	Android Application Security Detection Method Based on Metropolis Algorithm. , 2019, , .		1
63	Design of multi-view based email classification for IoT systems via semi-supervised learning. Journal of Network and Computer Applications, 2019, 128, 56-63.	5.8	40
64	Adaptive machine learning-based alarm reduction via edge computing for distributed intrusion detection systems. Concurrency Computation Practice and Experience, 2019, 31, e5101.	1.4	64
65	IoT-FBAC: Function-based access control scheme using identity-based encryption in IoT. Future Generation Computer Systems, 2019, 95, 344-353.	4.9	41
66	Single online visual object tracking with enhanced tracking and detection learning. Multimedia Tools and Applications, 2019, 78, 12333-12351.	2.6	7
67	Toward efficient and accurate function-call graph matching of binary codes. Concurrency Computation Practice and Experience, 2019, 31, e4871.	1.4	2
68	Energy and cluster based efficient routing for broadcasting in mobile ad hoc networks. Cluster Computing, 2019, 22, 661-671.	3.5	12
69	A machine learning based approach for phishing detection using hyperlinks information. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2015-2028.	3.3	140
70	Opcode sequence analysis of Android malware by a convolutional neural network. Concurrency Computation Practice and Experience, 2020, 32, e5308.	1.4	22
71	Android Malicious Application Classification Using Clustering. Advances in Intelligent Systems and Computing, 2020, , 659-667.	0.5	7
72	Adversarial-Example Attacks Toward Android Malware Detection System. IEEE Systems Journal, 2020, 14, 653-656.	2.9	56

#	ARTICLE	IF	CITATIONS
73	Cloud-assisted secure biometric identification with sub-linear search efficiency. <i>Soft Computing</i> , 2020, 24, 5885-5896.	2.1	9
74	Privacy issues of android application permissions: A literature review. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020, 31, e3773.	2.6	7
75	Malware Detection Based on Opcode Sequence and ResNet. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 489-502.	0.5	3
76	An Effective Evolutionary Analysis Scheme for Industrial Software Access Control Models. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 1024-1034.	7.2	8
77	LSCDroid: Malware Detection Based on Local Sensitive API Invocation Sequences. <i>IEEE Transactions on Reliability</i> , 2020, 69, 174-187.	3.5	20
78	DroidDeep: using Deep Belief Network to characterize and detect android malware. <i>Soft Computing</i> , 2020, 24, 6017-6030.	2.1	18
79	Deep and broad URL feature mining for android malware detection. <i>Information Sciences</i> , 2020, 513, 600-613.	4.0	40
80	Automated Software Engineering: A Deep Learning-Based Approach. <i>Learning and Analytics in Intelligent Systems</i> , 2020, , .	0.5	1
81	Mining nested flow of dominant APIs for detecting android malware. <i>Computer Networks</i> , 2020, 167, 107026.	3.2	25
82	A Comprehensive Review on Malware Detection Approaches. <i>IEEE Access</i> , 2020, 8, 6249-6271.	2.6	242
83	A Lightweight On-Device Detection Method for Android Malware. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5600-5611.	5.9	19
84	Multi-Loss Siamese Neural Network With Batch Normalization Layer for Malware Detection. <i>IEEE Access</i> , 2020, 8, 171542-171550.	2.6	22
85	A Brute-Force Black-Box Method to Attack Machine Learning-Based Systems in Cybersecurity. <i>IEEE Access</i> , 2020, 8, 128250-128263.	2.6	31
86	A Review of Android Malware Detection Approaches Based on Machine Learning. <i>IEEE Access</i> , 2020, 8, 124579-124607.	2.6	169
87	SOMDROID: android malware detection by artificial neural network trained using unsupervised learning. <i>Evolutionary Intelligence</i> , 2022, 15, 407-437.	2.3	17
88	A Dynamic DL-Driven Architecture to Combat Sophisticated Android Malware. <i>IEEE Access</i> , 2020, 8, 129600-129612.	2.6	23
89	When Machine Learning Meets Privacy in 6G: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 2694-2724.	24.8	111
90	DeepIntent: ImplicitIntent based Android IDS with E2E Deep Learning architecture. , 2020, , .		10

#	ARTICLE	IF	CITATIONS
91	A detection method for android application security based on TF-IDF and machine learning. PLoS ONE, 2020, 15, e0238694.	1.1	22
92	CIAA-RepDroid: A Fine-Grained and Probabilistic Reputation Scheme for Android Apps Based on Sentiment Analysis of Reviews. Future Internet, 2020, 12, 145.	2.4	4
93	MADFU: An Improved Malicious Application Detection Method Based on Features Uncertainty. Entropy, 2020, 22, 792.	1.1	3
94	Malicious Code Detection Technology Based on Metadata Machine Learning. , 2020, , .		1
95	A Malware Detection Method of Code Texture Visualization Based on an Improved Faster RCNN Combining Transfer Learning. IEEE Access, 2020, 8, 166630-166641.	2.6	24
96	FAMD: A Fast Multifeature Android Malware Detection Framework, Design, and Implementation. IEEE Access, 2020, 8, 194729-194740.	2.6	42
97	A Study on the Digital Forensic Investigation Method of Clever Malware in IoT Devices. IEEE Access, 2020, 8, 224487-224499.	2.6	6
98	Revealing Similarities in Android Malware by Dissecting their Methods. , 2020, , .		1
99	PAM Clustering Aided Android Malicious Apps Detection. IOP Conference Series: Materials Science and Engineering, 2020, 928, 032041.	0.3	0
100	The feature selection based on AndroidManifest.xml. Journal of Physics: Conference Series, 2020, 1634, 012027.	0.3	4
101	Learning URL Embedding for Malicious Website Detection. IEEE Transactions on Industrial Informatics, 2020, 16, 6673-6681.	7.2	60
102	DINA: Detecting Hidden Android Inter-App Communication in Dynamic Loaded Code. IEEE Transactions on Information Forensics and Security, 2020, 15, 2782-2797.	4.5	16
103	Artificial Intelligence in the Cyber Domain: Offense and Defense. Symmetry, 2020, 12, 410.	1.1	61
104	DroidPortrait: Android Malware Portrait Construction Based on Multidimensional Behavior Analysis. Applied Sciences (Switzerland), 2020, 10, 3978.	1.3	11
105	Android Malware Detection using LSI-based Reduced Opcode Feature Vector. Procedia Computer Science, 2020, 173, 291-298.	1.2	14
106	Sadroid: A Deep Classification Model For Android Malware Detection Based On Semantic Analysis. , 2020, , .		2
107	Android Malware Detection via (Somewhat) Robust Irreversible Feature Transformations. IEEE Transactions on Information Forensics and Security, 2020, 15, 3511-3525.	4.5	29
108	Pleasure or pain? An evaluation of the costs and utilities of bloatware applications in android smartphones. Journal of Network and Computer Applications, 2020, 157, 102578.	5.8	7

#	ARTICLE	IF	CITATIONS
109	Android Malware Detection Using Fine-Grained Features. Scientific Programming, 2020, 2020, 1-13.	0.5	29
110	ByteDroid: Android Malware Detection Using Deep Learning on Bytecode Sequences. Communications in Computer and Information Science, 2020, , 159-176.	0.4	9
111	Predictions of Apoptosis Proteins by Integrating Different Features Based on Improving Pseudo-Position-Specific Scoring Matrix. BioMed Research International, 2020, 2020, 1-13.	0.9	2
112	Applications in Security and Evasions in Machine Learning: A Survey. Electronics (Switzerland), 2020, 9, 97.	1.8	45
113	Intelligent mobile malware detection using permission requests and API calls. Future Generation Computer Systems, 2020, 107, 509-521.	4.9	146
114	Enhanced Android Malware Detection: An SVM-Based Machine Learning Approach. , 2020, , .		19
115	A Review of Deep Learning Security and Privacy Defensive Techniques. Mobile Information Systems, 2020, 2020, 1-18.	0.4	24
116	PACER: Platform for Android Malware Classification, Performance Evaluation and Threat Reporting. Future Internet, 2020, 12, 66.	2.4	8
117	Android Malware Detection Scheme Based on Level of SSL Server Certificate. IEICE Transactions on Information and Systems, 2020, E103.D, 379-389.	0.4	2
118	An Informative and Comprehensive Behavioral Characteristics Analysis Methodology of Android Application for Data Security in Brain-Machine Interfacing. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-14.	0.7	0
119	LimonDroid: a system coupling three signature-based schemes for profiling Android malware. Iran Journal of Computer Science, 2021, 4, 95-114.	1.8	11
120	Callback2Vec: Callback-aware hierarchical embedding for mobile application. Information Sciences, 2021, 542, 131-155.	4.0	3
121	Learning features from enhanced function call graphs for Android malware detection. Neurocomputing, 2021, 423, 301-307.	3.5	51
122	Tight bounds for the existence of path factors in network vulnerability parameter settings. International Journal of Intelligent Systems, 2021, 36, 1133-1158.	3.3	33
123	Effective detection of mobile malware behavior based on explainable deep neural network. Neurocomputing, 2021, 453, 482-492.	3.5	17
124	DaaS: Dew Computing as a Service for Intelligent Intrusion Detection in Edge-of-Things Ecosystem. IEEE Internet of Things Journal, 2021, 8, 12569-12577.	5.5	46
125	Hybrid classification of Android malware based on fuzzy clustering and the gradient boosting machine. Neural Computing and Applications, 2021, 33, 6721-6732.	3.2	14
126	Android application behavioural analysis for data leakage. Expert Systems, 2021, 38, .	2.9	11



#	ARTICLE	IF	CITATIONS
127	Kollector: Detecting Fraudulent Activities on Mobile Devices Using Deep Learning. IEEE Transactions on Mobile Computing, 2021, 20, 1465-1476.	3.9	14
128	Collaborative Intrusion Detection Schemes in Fog-to-Things Computing. Advances in Information Security, 2021, , 93-119.	0.9	5
129	SVM-Based Ensemble Classifiers to Detect Android Malware. Lecture Notes in Networks and Systems, 2021, , 346-354.	0.5	1
130	Android Malware Classification Based on Static Features of an Application. Lecture Notes in Electrical Engineering, 2021, , 567-581.	0.3	1
131	FCDP: Fidelity Calculation for Description-to-Permissions in Android Apps. IEEE Access, 2021, 9, 1062-1075.	2.6	6
132	Android Malware Detection Based on Composition Ratio of Permission Pairs. IEEE Access, 2021, 9, 130006-130019.	2.6	5
133	IFIFDroid: Important Features Identification Framework in Android Malware Detection. Studies in Big Data, 2021, , 143-160.	0.8	0
134	Detection of Android Malware Using Machine Learning Techniques. Lecture Notes in Networks and Systems, 2021, , 663-675.	0.5	0
135	Revisiting the Approaches, Datasets and Evaluation Parameters to Detect Android Malware: A Comparative Study from State-of-Art. Studies in Big Data, 2021, , 125-141.	0.8	1
136	Vulnerability Assessment and Malware Analysis of Android Apps Using Machine Learning. Advances in Computational Intelligence and Robotics Book Series, 2021, , 255-277.	0.4	0
137	Detection of malware on the internet of things and its applications depends on long short-term memory network. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	12
138	Identification of Significant Permissions for Efficient Android Malware Detection. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 33-52.	0.2	15
139	Malware Detection Inside App Stores Based on Lifespan Measurements. IEEE Access, 2021, 9, 119967-119976.	2.6	5
140	Android Malware Detection Based on Structural Features of the Function Call Graph. Electronics (Switzerland), 2021, 10, 186.	1.8	10
141	Enhancing Fidelity of Description in Android Apps With Category-Based Common Permissions. IEEE Access, 2021, 9, 105493-105505.	2.6	4
142	A Cryptography and Machine Learning Based Authentication for Secure Data-Sharing in Federated Cloud Services Environment. Journal of Applied Security Research, 2022, 17, 385-412.	0.8	9
143	A Hierarchical Approach for Android Malware Detection Using Authorization-Sensitive Features. Electronics (Switzerland), 2021, 10, 432.	1.8	2
144	Towards a systematic description of the field using bibliometric analysis: malware evolution. Scientometrics, 2021, 126, 2013-2055.	1.6	15

#	ARTICLE	IF	CITATIONS
145	Hybroid: A Novel Hybrid Android Malware Detection Framework. Erzincan Ğeniversitesi Fen Bilimleri Enstitüsü Dergisi, 2021, 14, 331-356.	0.1	1
146	Artistic design of user interaction experience based on context-aware mobile video system. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	0
147	Performance Comparison of Android Malware Detection Methods. Journal of Physics: Conference Series, 2021, 1827, 012176.	0.3	0
148	Network performance analysis from binding number prospect. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 1259-1267.	3.3	4
149	Multimodal information fusion for android malware detection using lazy learning. Multimedia Tools and Applications, 2022, 81, 12077-12091.	2.6	8
150	Bat optimization algorithm for wrapper-based feature selection and performance improvement of android malware detection. IET Networks, 2021, 10, 131-140.	1.1	11
151	Why an Android App Is Classified as Malware. ACM Transactions on Software Engineering and Methodology, 2021, 30, 1-29.	4.8	26
152	Efficiency of Malware Detection in Android System: A Survey. Asian Journal of Research in Computer Science, 0, , 59-69.	0.0	33
153	HEFESTDROID: Highly Effective Features for Android Malware Detection and Analysis. Turkish Journal of Computer and Mathematics Education, 2021, 12, 4676-4682.	0.4	2
154	A new machine learning-based method for android malware detection on imbalanced dataset. Multimedia Tools and Applications, 2021, 80, 24533.	2.6	13
155	SEMDroid: An Enhanced Stacking Ensemble Framework for Android Malware Detection. IEEE Transactions on Network Science and Engineering, 2021, 8, 984-994.	4.1	65
156	A Review on Machine Learning Approaches for Network Malicious Behavior Detection in Emerging Technologies. Entropy, 2021, 23, 529.	1.1	20
157	Robust Android Malware Detection against Adversarial Example Attacks. , 2021, , .		11
158	SF Droid Android Malware Detection using Ranked Static Features. International Journal of Recent Technology and Engineering, 2021, 10, 142-152.	0.2	1
159	Android Permission Classifier: a deep learning algorithmic framework based on protection and threat levels. Security and Privacy, 2021, 4, e164.	1.9	3
160	Isolated toughness and path-factor uniform graphs. RAIRO - Operations Research, 2021, 55, 1279-1290.	1.0	13
161	IntDroid. ACM Transactions on Software Engineering and Methodology, 2021, 30, 1-32.	4.8	16
162	On the Impact of Sample Duplication in Machine-Learning-Based Android Malware Detection. ACM Transactions on Software Engineering and Methodology, 2021, 30, 1-38.	4.8	29

#	ARTICLE	IF	CITATIONS
163	Android Malware Detection via Graph Representation Learning. Mobile Information Systems, 2021, 2021, 1-14.	0.4	3
164	Designing Adversarial Attack and Defence for Robust Android Malware Detection Models. , 2021, , .		2
165	A Malicious Android Malware Detection System based on Implicit Relationship Mining. , 2021, , .		2
166	Malware detection employed by visualization and deep neural network. Computers and Security, 2021, 105, 102247.	4.0	41
167	FB2Droid: A Novel Malware Family-Based Bagging Algorithm for Android Malware Detection. Security and Communication Networks, 2021, 2021, 1-13.	1.0	2
168	Efficient feature selection analysis for accuracy malware classification. Journal of Physics: Conference Series, 2021, 1918, 042140.	0.3	3
169	Robustness of Image-based Android Malware Detection Under Adversarial Attacks. , 2021, , .		9
170	On machine learning effectiveness for malware detection in Android OS using static analysis data. Journal of Information Security and Applications, 2021, 59, 102794.	1.8	23
171	Detection and robustness evaluation of android malware classifiers. Journal of Computer Virology and Hacking Techniques, 2022, 18, 147-170.	1.6	5
172	GDroid: Android malware detection and classification with graph convolutional network. Computers and Security, 2021, 106, 102264.	4.0	78
173	Less is More: A privacy-respecting Android malware classifier using federated learning. Proceedings on Privacy Enhancing Technologies, 2021, 2021, 96-116.	2.3	11
174	RPNDroid: Android Malware Detection using Ranked Permissions and Network Traffic. , 2021, , .		12
175	Android Mobile Malware Detection Using Machine Learning: A Systematic Review. Electronics (Switzerland), 2021, 10, 1606.	1.8	45
176	Robust Malware Detection Models: Learning from Adversarial Attacks and Defenses. Forensic Science International: Digital Investigation, 2021, 37, 301183.	1.2	9
177	Identification of Adversarial Android Intents using Reinforcement Learning. , 2021, , .		6
178	Intelligent malware detection based on graph convolutional network. Journal of Supercomputing, 2022, 78, 4182-4198.	2.4	24
179	Deep-Learning-Based App Sensitive Behavior Surveillance for Android Powered Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 5840-5850.	7.2	13
180	MalDroid: Secure DL-enabled intelligent malware detection framework. IET Communications, 2022, 16, 1160-1171.	1.5	4

#	ARTICLE	IF	CITATIONS
181	A Review: Static Analysis of Android Malware and Detection Technique. , 2021, , .		1
182	Applying Bayesian probability for Android malware detection using permission features. , 2021, , .		1
183	Design of Malicious Code Detection System Based on Binary Code Slicing. Journal of Computers, 2021, 32, 225-238.	0.1	0
184	A long short-term memory-based model for greenhouse climate prediction. International Journal of Intelligent Systems, 2022, 37, 135-151.	3.3	102
185	BLADE: Robust malware detection against obfuscation in android. Forensic Science International: Digital Investigation, 2021, 38, 301176.	1.2	20
186	Android mobile malware detection using fuzzy AHP. Journal of Information Security and Applications, 2021, 61, 102929.	1.8	23
187	A static analysis approach for Android permission-based malware detection systems. PLoS ONE, 2021, 16, e0257968.	1.1	9
188	Identifying Major Research Areas and Minor Research Themes of Android Malware Analysis and Detection Field Using LSA. Complexity, 2021, 2021, 1-28.	0.9	11
189	A Bayesian probability model for Android malware detection. ICT Express, 2022, 8, 424-431.	3.3	19
190	DRo: A data-scarce mechanism to revolutionize the performance of DL-based Security Systems. , 2021, , .		3
191	Survey for Detection and Analysis of Android Malware(s) Through Artificial Intelligence Techniques. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 321-337.	0.5	2
192	Fed-IIoT: A Robust Federated Malware Detection Architecture in Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 8442-8452.	7.2	97
193	A Hybrid Deep Network Framework for Android Malware Detection. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 5558-5570.	4.0	15
195	Integrated Static Analysis for Malware Variants Detection. Lecture Notes in Networks and Systems, 2020, , 622-629.	0.5	2
197	Feature-Based Semi-supervised Learning to Detect Malware from Android. Learning and Analytics in Intelligent Systems, 2020, , 93-118.	0.5	10
198	Android Malware Detection Using Multi-stage Classification Models. Advances in Intelligent Systems and Computing, 2021, , 244-254.	0.5	2
199	A Large-Scale Investigation to Identify the Pattern of Permissions in Obfuscated Android Malwares. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 85-97.	0.2	2
200	AndroShow: A Large Scale Investigation to Identify the Pattern of Obfuscated Android Malware. Studies in Computational Intelligence, 2021, , 191-216.	0.7	2

#	ARTICLE	IF	CITATIONS
201	AI and Its Risks in Android Smartphones: A Case of Google Smart Assistant. Communications in Computer and Information Science, 2019, , 341-355.	0.4	5
202	RansomAnalysis: The Evolution and Investigation of Android Ransomware. Lecture Notes in Networks and Systems, 2020, , 33-41.	0.5	5
203	A DDoS Attack Defense Method Based on Blockchain for IoTs Devices. Communications in Computer and Information Science, 2020, , 685-694.	0.4	6
204	An Exploration of Changes Addressed in the Android Malware Detection Walkways. Communications in Computer and Information Science, 2020, , 61-84.	0.4	2
205	Identifying vulnerabilities of SSL/TLS certificate verification in Android apps with static and dynamic analysis. Journal of Systems and Software, 2020, 167, 110609.	3.3	21
206	Data mining and machine learning methods for sustainable smart cities traffic classification: A survey. Sustainable Cities and Society, 2020, 60, 102177.	5.1	148
207	Improved real-time permission based malware detection and clustering approach using model independent pruning. IET Information Security, 2020, 14, 531-541.	1.1	12
208	Permission Extraction Framework for Android Malware Detection. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	4
209	A Survey on Mobile Malware Detection Techniques. IEICE Transactions on Information and Systems, 2020, E103.D, 204-211.	0.4	45
210	Malware Classification and Analysis Using Convolutional and Recurrent Neural Network. Advances in Computational Intelligence and Robotics Book Series, 2019, , 233-255.	0.4	2
211	Vulnerability Evaluation of Android Malware Detectors against Adversarial Examples. Procedia Computer Science, 2021, 192, 3320-3331.	1.2	1
212	Constrained Adversarial Attacks Against Image-Based Malware Classification System. Communications in Computer and Information Science, 2021, , 198-208.	0.4	0
213	Android Malware Detection Using Category-Based Permission Vectors. Lecture Notes in Computer Science, 2018, , 399-414.	1.0	0
214	User Password Intelligence Enhancement by Dynamic Generation Based on Markov Model. Lecture Notes in Computer Science, 2018, , 313-325.	1.0	0
215	A Practical Privacy-Preserving Face Authentication Scheme with Revocability and Reusability. Lecture Notes in Computer Science, 2018, , 193-203.	1.0	5
216	Permission-Based Feature Scaling Method for Lightweight Android Malware Detection. Lecture Notes in Computer Science, 2019, , 714-725.	1.0	4
217	Malware Variants Detection Methods. , 2019, , .		0
218	Combining Multimodal DNN and SigPid technique for detecting Malicious Android Apps. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
220	A Novel Dataset for Fake Android Anti-Malware Detection. , 2020, , .		0
221	Detection of Advanced Linux Malware Using Machine Learning. Advances in Intelligent Systems and Computing, 2021, , 185-194.	0.5	1
222	Contextual Integrity Based Android Privacy Data Protection System. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 906-916.	0.2	1
223	Machine-Learning-Based Android Malware Family Classification Using Built-In and Custom Permissions. Applied Sciences (Switzerland), 2021, 11, 10244.	1.3	8
224	Empirical Study on Intelligent Android Malware Detection based on Supervised Machine Learning. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	9
225	An Optimized Decision Tree based Android Malware Detection Approach using Machine Learning. , 2020, , .		3
226	A Function-Centric Risk Assessment Approach for Android Applications. , 2020, , .		0
227	A Survey of Intelligent Techniques for Android Malware Detection. , 2021, , 121-162.		5
228	A Multi-Strategy Combination Framework for Android Malware Detection Based on Various Features. , 2020, , .		0
229	Android Malware Classification Using Machine Learning and Bio-Inspired Optimisation Algorithms. , 2020, , .		3
230	Analysis of Permission Selection Techniques in Machine Learning-based Malicious App Detection. , 2020, , .		4
231	The Era of Advanced Machine Learning and Deep Learning Algorithms for Malware Detection. Advances in Information Security, Privacy, and Ethics Book Series, 2022, , 59-73.	0.4	1
232	Android security: State of art and challenges. AIP Conference Proceedings, 2021, , .	0.3	0
233	A Framework for Estimating Privacy Risk Scores of Mobile Apps. Lecture Notes in Computer Science, 2020, , 217-233.	1.0	2
234	CAVAEva: An Engineering Platform for Evaluating Commercial Anti-malware Applications on Smartphones. Lecture Notes in Computer Science, 2020, , 208-224.	1.0	0
235	Home Appliances Control Using Android and Arduino via Bluetooth and GSM Control. Advances in Intelligent Systems and Computing, 2020, , 819-827.	0.5	6
236	Malware Detection in Android Applications Using Integrated Static Features. Communications in Computer and Information Science, 2020, , 1-10.	0.4	0
237	An Improved Ensemble Based Machine Learning Technique for Efficient Malware Classification. Communications in Computer and Information Science, 2020, , 651-662.	0.4	0

#	ARTICLE	IF	CITATIONS
238	An efficient malware detection approach with feature weighting based on Harris Hawks optimization. Cluster Computing, 2022, 25, 2369-2387.	3.5	45
239	Scalable malware detection system using big data and distributed machine learning approach. Soft Computing, 2022, 26, 3987-4003.	2.1	7
240	How robust are malware detection models for Android smartphones against adversarial attacks?. , 2020, , .		0
241	Adversarial attacks on malware detection models for smartphones using reinforcement learning. , 2020, , .		1
242	Android malware classification based on permission categories using extreme gradient boosting. , 2020, , .		2
244	Structural Attack against Graph Based Android Malware Detection. , 2021, , .		14
245	CallDetect: Detection of Call Log Exploitation Inspired by Apoptosis. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1792-1797.	0.2	1
246	Global Image Correlation Filter with H-D Fusion Mechanism for Visual Tracking. , 2020, , .		0
247	An Intelligent Malware Detection and Classification System Using Apps-to-Images Transformations and Convolutional Neural Networks. , 2020, , .		4
248	DroidTKM: Detection of Trojan Families using the KNN Classifier Based on Manhattan Distance Metric. , 2020, , .		8
249	Comparison of Regression Methods in Permission Based Android Malware Detection. , 2020, , .		1
250	MOBDroid: An Intelligent Malware Detection System for Improved Data Security in Mobile Cloud Computing Environments. , 2020, , .		1
251	EDMDroid:Ensuring Diversity to improve Android malware detection based on permissions. , 2020, , .		0
252	Malware Detection Based on Feature Library and Machine Learning. , 2020, , .		2
253	An Overview of Adversarial Sample Attacks and Defenses for Graph Neural Networks. , 2021, , .		0
254	Gradient Conventional Recursive Neural Classifier Algorithm to Analyze the Malicious Software Detection Using Machine Learning. , 2021, , .		0
255	A stealthy evasive information invasion using covert channel in mobile phones. , 2021, , .		1
256	Android Web Security Solution using Cross-device Federated Learning. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
258	An Android Malicious Application Detection Method with Decision Mechanism in the Operating Environment of Blockchain. Security and Communication Networks, 2022, 2022, 1-10.	1.0	0
259	HamDroid: permission-based harmful android anti-malware detection using neural networks. Neural Computing and Applications, 2022, 34, 15165-15174.	3.2	14
260	LinRegDroid: Detection of Android Malware Using Multiple Linear Regression Models-Based Classifiers. IEEE Access, 2022, 10, 14246-14259.	2.6	34
261	Malware Detection: A Framework for Reverse Engineered Android Applications Through Machine Learning Algorithms. IEEE Access, 2022, 10, 89031-89050.	2.6	17
262	MAPAS: a practical deep learning-based android malware detection system. International Journal of Information Security, 2022, 21, 725-738.	2.3	35
263	COVID-Themed Android Malware Analysis and Detection Framework Based on Permissions. , 2022, , .		4
264	Intelligent Malware Defenses. Lecture Notes in Computer Science, 2022, , 217-253.	1.0	2
265	IoT-oriented high-efficient anti-malware hardware focusing on time series metadata extractable from inside a processor core. International Journal of Information Security, 2022, 21, 1-19.	2.3	4
266	Analysis of the Effectiveness of Various Machine Learning, Artificial Neural Network and Deep Learning Methods in Detecting Fraudulent Credit Card Transactions. Erzincan Åœniversitesi Fen Bilimleri EnstitÅ¼sÅ¼ Dergisi, 2022, 15, 144-167.	0.1	0
267	The rise of obfuscated Android malware and impacts on detection methods. PeerJ Computer Science, 2022, 8, e907.	2.7	9
268	MFDroid: A Stacking Ensemble Learning Framework for Android Malware Detection. Sensors, 2022, 22, 2597.	2.1	10
269	Android Malware Detection Based on Functional Classification. IEICE Transactions on Information and Systems, 2022, E105.D, 656-666.	0.4	2
270	Permissions-Based Detection of Android Malware Using Machine Learning. Symmetry, 2022, 14, 718.	1.1	9
271	An efficient multikeyword fuzzy ciphertext retrieval scheme based on distributed transmission for Internet of Things. International Journal of Intelligent Systems, 2022, 37, 7419-7443.	3.3	1
272	Challenges in Identifying Network Attacks Using Netflow Data. , 2021, , .		2
273	DeepDetect: A Practical On-device Android Malware Detector. , 2021, , .		3
274	Hybrid Classification and Clustering Algorithm on Recent Android Malware Detection. , 2021, , .		1
275	Android Malware Family Classification: What Works â€œ API Calls, Permissions or API Packages?. , 2021, , .		1



#	ARTICLE	IF	CITATIONS
276	A GAN Based Malware Adversaries Detection Model. , 2021, , .		0
277	Leveraging Application Complexity Partition for Android Malware Detection. , 2021, , .		0
278	Self-attention based convolutional-LSTM for android malware detection using network traffics grayscale image. Applied Intelligence, 2023, 53, 683-705.	3.3	4
279	Behavioral Model for Live Detection of Apps Based Attack. IEEE Transactions on Computational Social Systems, 2023, 10, 934-946.	3.2	2
280	Cyber Code Intelligence for Android Malware Detection. IEEE Transactions on Cybernetics, 2023, 53, 617-627.	6.2	12
282	EvadeRL: Evading PDF Malware Classifiers with Deep Reinforcement Learning. Security and Communication Networks, 2022, 2022, 1-14.	1.0	4
283	A Deep Dive Inside DREBIN: An Explorative Analysis beyond Android Malware Detection Scores. ACM Transactions on Privacy and Security, 2022, 25, 1-28.	2.2	14
284	TSDroid: A Novel Android Malware Detection Framework Based on Temporal & Spatial Metrics in IoMT. ACM Transactions on Sensor Networks, 2023, 19, 1-23.	2.3	3
285	Scalable Malware Detection System Using Distributed Deep Learning. Cybernetics and Systems, 2023, 54, 619-647.	1.6	4
286	Malware Attacks: Dimensions, Impact, and Defenses. EAI/Springer Innovations in Communication and Computing, 2022, , 157-179.	0.9	2
287	Is It Safe? Identifying Malicious Apps Through the Use of Metadata and Inter-Process Communication. , 2022, , .		1
288	MOBDroid2: An Improved Feature Selection Method for Detecting Malicious Applications in a Mobile Cloud Computing Environment. , 2021, , .		0
289	A Modified ResNeXt for Android Malware Identification and Classification. Computational Intelligence and Neuroscience, 2022, 2022, 1-20.	1.1	12
290	Adam or Eve? Automatic usersâ€™ gender classification via gestures analysis on touch devices. Neural Computing and Applications, 2022, 34, 18473-18495.	3.2	23
291	Android malware detection using network traffic based on sequential deep learning models. Software - Practice and Experience, 2022, 52, 1987-2004.	2.5	9
293	PAIRED: An Explainable Lightweight Android Malware Detection System. IEEE Access, 2022, 10, 73214-73228.	2.6	21
294	DEAN: A Lightweight and Resource-efficient Blockchain Protocol for Reliable Edge Computing. , 2022, , .		1
295	Data-Driven Android Malware Analysis Intelligence. Advances in Information Security, Privacy, and Ethics Book Series, 2022, , 181-200.	0.4	0

#	ARTICLE	IF	CITATIONS
296	A Comprehensive Review of Android Security: Threats, Vulnerabilities, Malware Detection, and Analysis. Security and Communication Networks, 2022, 2022, 1-34.	1.0	7
297	An in-depth review of machine learning based Android malware detection. Computers and Security, 2022, 121, 102833.	4.0	25
298	FedHGCDroid: An Adaptive Multi-Dimensional Federated Learning for Privacy-Preserving Android Malware Classification. Entropy, 2022, 24, 919.	1.1	6
299	CFSBFDroid: Android Malware Detection Using CFS + Best First Search-Based Feature Selection. Mobile Information Systems, 2022, 2022, 1-15.	0.4	2
300	Cyberattack Detection Framework Using Machine Learning and User Behavior Analytics. Computer Systems Science and Engineering, 2023, 44, 1679-1689.	1.9	4
301	A Systematic Overview of the Machine Learning Methods for Mobile Malware Detection. Security and Communication Networks, 2022, 2022, 1-20.	1.0	5
302	Two-path Android Malware Detection Based on N-gram Feature Weighting. , 2022, , .		0
303	Android Malware Detection Method Based on Permission Complement and API Calls. Chinese Journal of Electronics, 2022, 31, 773-785.	0.7	3
304	Android Source Code Vulnerability Detection: A Systematic Literature Review. ACM Computing Surveys, 2023, 55, 1-37.	16.1	14
305	Malware detection for Android application using Aquila optimizer and Hybrid LSTM-SVM classifier. EAI Endorsed Transactions on Scalable Information Systems, 0, , e1.	0.8	3
306	On building machine learning pipelines for Android malware detection: a procedural survey of practices, challenges and opportunities. Cybersecurity, 2022, 5, .	3.1	6
307	IMCLNet: A lightweight deep neural network for Image-based Malware Classification. Journal of Information Security and Applications, 2022, 70, 103313.	1.8	3
308	Android malware detection based on multi-head squeeze-and-excitation residual network. Expert Systems With Applications, 2023, 212, 118705.	4.4	22
309	Androscanreg 2.0. International Journal of Software Innovation, 2022, 10, 1-28.	0.3	2
310	Android Malware Detection Using BERT. Lecture Notes in Computer Science, 2022, , 575-591.	1.0	1
311	A Comparative Study of Machine Learning Techniques for Android Malware Detection. International Journal of Software Innovation, 2022, 10, 1-13.	0.3	0
312	A novel classification approach for Android malware based on feature fusion and natural language processing. , 2022, , .		0
313	Graph Neural Network-based Android Malware Classification with Jumping Knowledge. , 2022, , .		9

#	ARTICLE	IF	CITATIONS
314	Lightweight On-Device Detection of Android Malware Based on the Koodous Platform and Machine Learning. <i>Sensors</i> , 2022, 22, 6562.	2.1	1
315	Secure Cloud-based E-Health System using Advanced Encryption Standard. , 2022, , .		1
316	Malware and Piracy Detection in Android Applications. , 2022, , .		2
317	Review on Android Malware Detection System. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2023, , 75-93.	0.5	0
318	Towards Adversarially Superior Malware Detection Models: An Adversary Aware Proactive Approach using Adversarial Attacks and Defenses. <i>Information Systems Frontiers</i> , 0, , .	4.1	1
320	A New Wrapper-Based Feature Selection Technique with Fireworks Algorithm for Android Malware Detection. <i>International Journal of Software Science and Computational Intelligence</i> , 2022, 14, 1-19.	1.8	6
321	An Adaptive-Feature Centric XGBoost Ensemble Classifier Model for Improved Malware Detection and Classification. <i>Journal of Cyber Security</i> , 2022, 4, 135-151.	0.3	1
322	Multimodal Feature Selection for Android Malware Detection Classifiers. , 2022, , .		0
323	Systematically Evaluating the Robustness of ML-based IoT Malware Detection Systems. , 2022, , .		0
324	Sustainability of Machine Learning-based Android Malware Detection Using API calls and Permissions. , 2022, , .		0
325	Android malware detection using PMCC heatmap and Fuzzy Unordered Rule Induction Algorithm (FURIA). <i>Journal of Intelligent and Fuzzy Systems</i> , 2023, 44, 5601-5615.	0.8	2
326	Uncovering Intent based Leak of Sensitive Data in Android Framework. , 2022, , .		0
327	Android Malware Classification Using Optimized Ensemble Learning Based on Genetic Algorithms. <i>Sustainability</i> , 2022, 14, 14406.	1.6	7
328	Embedding and Siamese deep neural network-based malware detection in Internet of Things. <i>International Journal of Pervasive Computing and Communications</i> , 2022, ahead-of-print, .	1.1	0
329	Efficient and Effective Static Android Malware Detection Using Machine Learning. <i>Lecture Notes in Computer Science</i> , 2022, , 103-118.	1.0	2
331	Android malware detection method based on highly distinguishable static features and DenseNet. <i>PLoS ONE</i> , 2022, 17, e0276332.	1.1	3
332	Towards Obfuscation Resilient Feature Design for Android Malware Detection-KTSODroid. <i>Electronics (Switzerland)</i> , 2022, 11, 4079.	1.8	0
333	RansomShield: A Visualization Approach to Defending Mobile Systems Against Ransomware. <i>ACM Transactions on Privacy and Security</i> , 2023, 26, 1-30.	2.2	4

#	ARTICLE	IF	CITATIONS
334	Machine learning approach for detecting and combating bring your own device (BYOD) security threats and attacks: a systematic mapping review. <i>Artificial Intelligence Review</i> , 2023, 56, 8815-8858.	9.7	2
335	An Effectual Analytics and Approach for Avoidance of Malware in Android Using Deep Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , 2023, , 767-777.	0.5	0
336	An Adaptive Feature Centric XG Boost Ensemble Classifier Model for Improved Malware Detection and Classification. <i>International Journal on Recent and Innovation Trends in Computing and Communication</i> , 2022, 10, 208-217.	0.4	0
337	An Ensemble Approach Based on Fuzzy Logic Using Machine Learning Classifiers for Android Malware Detection. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 1484.	1.3	10
338	Malicious Network Software Detection Based on API Call. , 2022, , .		0
339	Design of Machine Learning-Based Malware Detection Techniques in Smartphone Environment. , 2023, , .		0
340	NT-GNN: Network Traffic Graph for 5G Mobile IoT Android Malware Detection. <i>Electronics (Switzerland)</i> , 2023, 12, 789.	1.8	2
341	BMAE-Net: A Data-Driven Weather Prediction Network for Smart Agriculture. <i>Agronomy</i> , 2023, 13, 625.	1.3	17
342	A New Feature Selection Method Based on Dragonfly Algorithm for Android Malware Detection Using Machine Learning Techniques. <i>International Journal of Information Security and Privacy</i> , 2023, 17, 1-18.	0.6	0
343	Evaluation of Low-cost Operation of a Malware Detection Mechanism using Processor Information Targeting the IoT. , 2022, , .		1
344	Dynamic Android Malware Detection Using Light Gradient Boosting Machine. , 2022, , .		0
345	Towards a Reliable Hierarchical Android Malware Detection Through Image-based CNN. , 2023, , .		2
346	An optimal deep learning-based framework for the detection and classification of android malware. <i>Journal of Intelligent and Fuzzy Systems</i> , 2023, 44, 9297-9310.	0.8	1
347	Adversarial superiority in android malware detection: Lessons from reinforcement learning based evasion attacks and defenses. <i>Forensic Science International: Digital Investigation</i> , 2023, 44, 301511.	1.2	3
348	Android-based Smartphone Malware Exploit Prevention Using a Machine Learning-based Runtime Detection System. , 2022, , .		1
349	MVDroid: an android malicious VPN detector using neural networks. <i>Neural Computing and Applications</i> , 2023, 35, 21555-21565.	3.2	1
350	Mitigating Malware Attacks using Machine Learning: A Review. , 2023, , .		0
351	Anti-Ant Framework for Android Malware Detection and Prevention Using Supervised Learning. , 2023, , .		2

#	ARTICLE	IF	CITATIONS
352	IAFDroid: Demystifying Collusion Attacks in Android Ecosystem via Precise Inter-App Analysis. IEEE Transactions on Information Forensics and Security, 2023, 18, 2883-2898.	4.5	2
353	Image-Based Malware Classification Method with the AlexNet Convolutional Neural Network Model. Security and Communication Networks, 2023, 2023, 1-15.	1.0	1
354	An Android Malware Detection Method using Multi-feature and MobileNet. Journal of Circuits, Systems and Computers, 0, , .	1.0	0
355	Understanding the Behaviour of Android SMS Malware Attacks With Real Smartphones Dataset. , 2023, , .		1
360	Malware Classification using Deep Learning Techniques. , 2023, , .		1
361	Inspecting Binder Transactions to Detect Anomalies in Android. , 2023, , .		0
370	Smartphone Malware Detection using Permissions and McNemar test. , 2023, , .		0
372	API2Vec: Learning Representations of API Sequences for Malware Detection. , 2023, , .		2
375	The Role of Machine Learning Algorithms in Developing Android App and to do Malware Detection. , 2023, , .		0
378	MalEfficient10%: A Novel Feature Reduction Approach for Android Malware Detection. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2023, , 72-92.	0.2	1
380	Android Malware Detection Using Machine Learning Techniques. , 2022, , .		0
383	DewIDS: Dew Computing for Intrusion Detection System in Edge of Things. Internet of Things, 2024, , 133-148.	1.3	0
384	CORRDroid - Android Malware Detection using Association amongst Permissions. , 2023, , .		0
385	VPNDroid: Malicious Android VPN Detection Using a CNN-RF Method. Lecture Notes in Computer Science, 2023, , 444-453.	1.0	0
387	Android malware detection method based on improved genetic algorithm. , 2023, , .		0
391	Machine learning aided malware detection for secure and smart manufacturing: a comprehensive analysis of the state of the art. International Journal on Interactive Design and Manufacturing, 0, , .	1.3	0
393	Static Analysis Based Malware Detection for Zero-Day Attacks in Android Applications. , 2023, , .		0
394	Machine Learning-Based Android Malware Detection. , 2023, , .		2

#	ARTICLE	IF	CITATIONS
396	Hybrid Feature Selection Model for Detection of Android Malware and Family Classification. Advances in Information Security, Privacy, and Ethics Book Series, 2023, , 241-264.	0.4	0
398	Artificial Neural Network-Based Malware Detection Model Among Shopping Apps to Increase the App Security. Smart Innovation, Systems and Technologies, 2023, , 267-275.	0.5	0
401	Multi-class Malware Detection via Deep Graph Convolutional Networks Using TF-IDF-Based Attributed Call Graphs. Lecture Notes in Computer Science, 2024, , 188-200.	1.0	0
402	Explainable AI for Cybersecurity. Advances in Computational Intelligence and Robotics Book Series, 2024, , 31-97.	0.4	6
403	Android Operating System. Progress in IS, 2024, , 25-42.	0.5	0
404	Android Malware: Comprehensive Study and a Cross-Feature Light Weight Proposed Solution. , 2023, , .		0
408	An Empirical Framework for Malware Prediction Using Multi-Layer Perceptron. , 2023, , .		0
409	Android Malware Detection Using Genetic Algorithm Based Optimized Feature Selection and Machine Learning. Lecture Notes in Electrical Engineering, 2024, , 207-215.	0.3	0