

# Cheng Huang

## List of Publications by Year in descending order

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55  
papers

889  
citations

516710  
16  
h-index

552781  
26  
g-index

55  
all docs

55  
docs citations

55  
times ranked

537  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trine: Syslog anomaly detection with three transformer encoders in one generative adversarial network. Applied Intelligence, 2022, 52, 8810-8819.	5.3	12
2	PyComm: Malicious commands detection model for python scripts. Journal of Intelligent and Fuzzy Systems, 2022, 42, 2261-2273.	1.4	2
3	LMTracker: Lateral movement path detection based on heterogeneous graph embedding. Neurocomputing, 2022, 474, 37-47.	5.9	14
4	GraphXSS: An efficient XSS payload detection approach based on graph convolutional network. Computers and Security, 2022, 114, 102597.	6.0	15
5	GAXSS: Effective Payload Generation Method to Detect XSS Vulnerabilities Based on Genetic Algorithm. Security and Communication Networks, 2022, 2022, 1-15.	1.5	6
6	JStrong: Malicious JavaScript detection based on code semantic representation and graph neural network. Computers and Security, 2022, 118, 102715.	6.0	11
7	DDIML: Explainable detection model for drive-by-download attacks. Journal of Intelligent and Fuzzy Systems, 2022, , 1-14.	1.4	0
8	Uncovering APT malware traffic using deep learning combined with time sequence and association analysis. Computers and Security, 2022, 120, 102809.	6.0	11
9	HyVulDect: A hybrid semantic vulnerability mining system based on graph neural network. Computers and Security, 2022, 121, 102823.	6.0	7
10	The Relationship between Pendant Phosphate Groups and Mechanical Properties of Polyisoprene Rubber. Chinese Journal of Polymer Science (English Edition), 2021, 39, 465-473.	3.8	2
11	Zombie Follower Recognition Based on Industrial Chain Feature Analysis. Security and Communication Networks, 2021, 2021, 1-12.	1.5	0
12	Exsense: Extract sensitive information from unstructured data. Computers and Security, 2021, 102, 102156.	6.0	22
13	Cyberbullying Detection in Social Networks Using Bi-GRU with Self-Attention Mechanism. Information (Switzerland), 2021, 12, 171.	2.9	30
14	HackerRank: Identifying key hackers in underground forums. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110151.	2.2	15
15	NEDetector: Automatically extracting cybersecurity neologisms from hacker forums. Journal of Information Security and Applications, 2021, 58, 102784.	2.5	7
16	Hierarchical Attention Graph Embedding Networks for Binary Code Similarity against Compilation Diversity. Security and Communication Networks, 2021, 2021, 1-19.	1.5	1
17	Effective method for detecting malicious PowerShell scripts based on hybrid features†. Neurocomputing, 2021, 448, 30-39.	5.9	10
18	Intelligent mining vulnerabilities in python code snippets. Journal of Intelligent and Fuzzy Systems, 2021, 41, 3615-3628.	1.4	1

#	ARTICLE	IF	CITATIONS
19	PBDT: Python Backdoor Detection Model Based on Combined Features. Security and Communication Networks, 2021, 2021, 1-13.	1.5	3
20	CyberEyes: Cybersecurity Entity Recognition Model Based on Graph Convolutional Network. Computer Journal, 2021, 64, 1215-1225.	2.4	7
21	Malicious Packages Lurking in User-Friendly Python Package Index. , 2021, , .		1
22	MineDetector: JavaScript Browser-side Cryptomining Detection using Static Methods. , 2021, , .		1
23	DeepVuler: A Vulnerability Intelligence Mining System for Open-Source Communities. , 2021, , .		0
24	A Lightweight Cross-Version Binary Code Similarity Detection Based on Similarity and Correlation Coefficient Features. IEEE Access, 2020, 8, 120501-120512.	4.2	9
25	Providing Email Privacy by Preventing Webmail from Loading Malicious XSS Payloads. Applied Sciences (Switzerland), 2020, 10, 4425.	2.5	6
26	Cross-Site Scripting Guardian: A Static XSS Detector Based on Data Stream Input-Output Association Mining. Applied Sciences (Switzerland), 2020, 10, 4740.	2.5	13
27	SankeyVis: Visualizing active relationship from emails based on multiple dimensions and topic classification methods. Forensic Science International: Digital Investigation, 2020, 35, 300981.	1.7	2
28	Detecting Cyber Threat Event from Twitter Using IDCNN and BiLSTM. Applied Sciences (Switzerland), 2020, 10, 5922.	2.5	16
29	File Entropy Signal Analysis Combined With Wavelet Decomposition for Malware Classification. IEEE Access, 2020, 8, 158961-158971.	4.2	7
30	Detecting Web Spam Based on Novel Features from Web Page Source Code. Security and Communication Networks, 2020, 2020, 1-14.	1.5	7
31	Binary Fileâ€™s Visualization and Entropy Features Analysis Combined with Multiple Deep Learning Networks for Malware Classification. Security and Communication Networks, 2020, 2020, 1-19.	1.5	1
32	GroupTracer: Automatic Attacker TTP Profile Extraction and Group Cluster in Internet of Things. Security and Communication Networks, 2020, 2020, 1-14.	1.5	4
33	The effects of proteins and phospholipids on the network structure of natural rubber: a rheological study in bulk and in solution. Journal of Polymer Research, 2020, 27, 1.	2.4	12
34	Covert timing channel detection method based on time interval and payload length analysis. Computers and Security, 2020, 97, 101952.	6.0	15
35	FastEmbed: Predicting vulnerability exploitation possibility based on ensemble machine learning algorithm. PLoS ONE, 2020, 15, e0228439.	2.5	42
36	Detecting malicious JavaScript code based on semantic analysis. Computers and Security, 2020, 93, 101764.	6.0	26

#	ARTICLE	IF	CITATIONS
37	A Machine Learning Based Framework for Identifying Influential Nodes in Complex Networks. IEEE Access, 2020, 8, 65462-65471.	4.2	27
38	Ultra-Tough, Strong, and Defect-Tolerant Elastomers with Self-Healing and Intelligent-Responsive Abilities. ACS Applied Materials & Interfaces, 2019, 11, 29373-29381.	8.0	65
39	Automatic Identification of Honeypot Server Using Machine Learning Techniques. Security and Communication Networks, 2019, 2019, 1-8.	1.5	13
40	Self Multi-Head Attention-based Convolutional Neural Networks for fake news detection. PLoS ONE, 2019, 14, e0222713.	2.5	33
41	RLXSS: Optimizing XSS Detection Model to Defend Against Adversarial Attacks Based on Reinforcement Learning. Future Internet, 2019, 11, 177.	3.8	20
42	Phishing Email Detection Using Improved RCNN Model With Multilevel Vectors and Attention Mechanism. IEEE Access, 2019, 7, 56329-56340.	4.2	86
43	Session-Based Webshell Detection Using Machine Learning in Web Logs. Security and Communication Networks, 2019, 2019, 1-11.	1.5	19
44	TAP: A static analysis model for PHP vulnerabilities based on token and deep learning technology. PLoS ONE, 2019, 14, e0225196.	2.5	24
45	Synergistic effect of CB and GO/CNT hybrid fillers on the mechanical properties and fatigue behavior of NR composites. RSC Advances, 2018, 8, 10573-10581.	3.6	35
46	Detecting structural orientation in isoprene rubber/multiwall carbon nanotube nanocomposites at different scales during uniaxial deformation. Polymer International, 2018, 67, 258-268.	3.1	14
47	Research on Malicious JavaScript Detection Technology Based on LSTM. IEEE Access, 2018, 6, 59118-59125.	4.2	30
48	Detecting Webshell Based on Random Forest with FastText. , 2018, , .		22
49	Webshell Detection Based on Random Forest“Gradient Boosting Decision Tree Algorithm. , 2018, , .		35
50	Super-Resolution Fluorescence Imaging of Spatial Organization of Proteins and Lipids in Natural Rubber. Biomacromolecules, 2017, 18, 1705-1712.	5.4	49
51	Investigation on Impacts of Alternative Generation Siting in Power Grids from the View of Complex Network Theory. Electric Power Components and Systems, 2016, 44, 820-831.	1.8	5
52	Study of molecular weight and chain branching architectures of natural rubber. Journal of Applied Polymer Science, 2016, 133, .	2.6	18
53	Active energy management strategies for active distribution system. Journal of Modern Power Systems and Clean Energy, 2015, 3, 533-543.	5.4	21
54	A rheological study on non-rubber component networks in natural rubber. RSC Advances, 2015, 5, 91742-91750.	3.6	32

#	ARTICLE	IF	CITATIONS
55	Design of Controller for VSC-HVDC Systems with the alpha beta Stationary Frame. , 2012, , .		3