

Ting Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1995789/publications.pdf>

Version: 2024-02-01

16
papers

1,745
citations

1163117

8
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1531
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining Smart Contract Defects on Ethereum. IEEE Transactions on Software Engineering, 2022, 48, 327-345.	5.6	83
2	SigRec: Automatic Recovery of Function Signatures in Smart Contracts. IEEE Transactions on Software Engineering, 2022, 48, 3066-3086.	5.6	8
3	DefectChecker: Automated Smart Contract Defect Detection by Analyzing EVM Bytecode. IEEE Transactions on Software Engineering, 2022, 48, 2189-2207.	5.6	42
4	XDebloat: Towards Automated Feature-Oriented App Debloating. IEEE Transactions on Software Engineering, 2022, 48, 4501-4520.	5.6	4
5	GasChecker: Scalable Analysis for Discovering Gas-Inefficient Smart Contracts. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1433-1448.	4.6	39
6	Transaction-based classification and detection approach for Ethereum smart contract. Information Processing and Management, 2021, 58, 102462.	8.6	109
7	A survey on the security of blockchain systems. Future Generation Computer Systems, 2020, 107, 841-853.	7.5	956
8	Characterizing Erasable Accounts in Ethereum. Lecture Notes in Computer Science, 2020, , 352-371.	1.3	4
9	System-level attacks against android by exploiting asynchronous programming. Software Quality Journal, 2018, 26, 1037-1062.	2.2	2
10	Understanding Ethereum via Graph Analysis. , 2018, , .		134
11	Automated forensic analysis of mobile applications on Android devices. Digital Investigation, 2018, 26, S59-S66.	3.2	25
12	DBAF: Dynamic Binary Analysis Framework and Its Applications. Lecture Notes in Computer Science, 2018, , 361-375.	1.3	1
13	A Program Manipulation Middleware and Its Applications on System Security. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 606-626.	0.3	1
14	Under-optimized smart contracts devour your money. , 2017, , .		223
15	An Adaptive Gas Cost Mechanism for Ethereum to Defend Against Under-Priced DoS Attacks. Lecture Notes in Computer Science, 2017, , 3-24.	1.3	63
16	State of the art: Dynamic symbolic execution for automated test generation. Future Generation Computer Systems, 2013, 29, 1758-1773.	7.5	51