

Tzi-Cker Chiueh

List of Publications by Year in descending order

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53
papers

1,200
citations

1478505

6
h-index

1372567

10
g-index

53
all docs

53
docs citations

53
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	Architecture and algorithms for an IEEE 802.11-based multi-channel wireless mesh network. , 0, , .		721
2	BIRD: Binary Interpretation using Runtime Disassembly. , 0, , .		57
3	Experiences in building a multihoming load balancing system. , 0, , .		33
4	Evaluation of a wireless enterprise backbone network architecture. , 0, , .		26
5	Spoof Detection for Preventing DoS Attacks against DNS Servers. , 0, , .		21
6	Portable and Efficient Continuous Data Protection for Network File Servers. , 2007, , .		20
7	Omnicon:a mobile ip-based vertical handoff system for wireless LAN and GPRS links. , 0, , .		17
8	OmniCon: a Mobile IP-based vertical handoff system for wireless LAN and GPRS links. Software - Practice and Experience, 2007, 37, 779-798.	3.6	17
9	Automatic Patch Generation for Buffer Overflow Attacks. , 2007, , .		16
10	Design, implementation, and evaluation of a software-based real-time Ethernet protocol. Computer Communication Review, 1995, 25, 27-37.	1.8	15
11	Design and Implementation of the Stony Brook Video Server. Software - Practice and Experience, 1997, 27, 139-154.	3.6	15
12	An integrated approach for P2P file sharing on multi-hop wireless networks. , 0, , .		13
13	Accurate clock synchronization for IEEE 802.11-based multi-hop wireless networks. , 2009, , .		13
14	Design and implementation of a real-time switch for segmented Ethernets. , 0, , .		12
15	Automated Format String Attack Prevention for Win32/X86 Binaries. , 2007, , .		12
16	Accurate and Automated System Call Policy-Based Intrusion Prevention. , 0, , .		11
17	Efficient Logging and Replication Techniques for Comprehensive Data Protection. , 2007, , .		11
18	Availability and Fairness Support for Storage QoS Guarantee. , 2008, , .		11

#	ARTICLE	IF	CITATIONS
19	Evaluation of a Stateful Transport Protocol for Multi-channel Wireless Mesh Networks. IEEE International Workshop on Quality of Service, 2007, , .	0.0	10
20	Automated Discovery of Credit Card Data Flow for PCI DSS Compliance. , 2011, , .		10
21	TBBT. Performance Evaluation Review, 2005, 33, 392-393.	0.6	10
22	Automated and Safe Vulnerability Assessment. , 0, , .		9
23	Malware Clearance for Secure Commitment of OS-Level Virtual Machines. IEEE Transactions on Dependable and Secure Computing, 2013, 10, 70-83.	5.4	9
24	Suez: a cluster-based scalable real-time packet router. , 0, , .		8
25	Duplex: a reusable fault tolerance extension framework for network access devices. , 0, , .		8
26	WiVision: a wireless video system for real-time distribution and on-demand playback. , 0, , .		8
27	Transparent Reliable Multicast for Ethernet-Based Storage Area Networks. , 2007, , .		7
28	Enforcing Mandatory Access Control in Commodity OS to Disable Malware. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 541-555.	5.4	7
29	Cloud-Based Application Whitelisting. , 2013, , .		7
30	Integrating segmentation and paging protection for safe, efficient and transparent software extensions. Operating Systems Review (ACM), 1999, 33, 140-153.	1.9	6
31	Spout: a transparent distributed execution engine for Java applets. , 0, , .		6
32	Foreign Code Detection on the Windows/X86 Platform. , 2006, , .		6
33	Zodiac: A history-based interactive video authoring system. Multimedia Systems, 2000, 8, 201-211.	4.7	5
34	Web Application Attack Prevention for Tiered Internet Services. , 2008, , .		5
35	Globally fair radio resource allocation for wireless mesh networks. , 2009, , .		5
36	Integration of volume decompression and out-of-core iso-surface extraction from irregular volume data. Visual Computer, 2006, 22, 249-265.	3.5	4

#	ARTICLE	IF	CITATIONS
37	Transparent and Accurate Traffic Load Estimation for Enterprise Wireless LAN. , 2007, , .		4
38	Tracer. , 2011, , .		4
39	Design and evaluation of a DRAM-based shared memory ATM switch. Performance Evaluation Review, 1997, 25, 248-259.	0.6	3
40	Automatic Patch Generation for Buffer Overflow Attacks. , 2007, , .		3
41	An Incremental File System Consistency Checker for Block-Level CDP Systems. , 2008, , .		3
42	How to Automatically and Accurately Sandbox Microsoft IIS. Proceedings of the Computer Security Applications Conference, 2006, , .	0.0	2
43	Accurate Application-Specific Sandboxing for Win32/Intel Binaries. , 2007, , .		2
44	Scalable Index Update for Block-Level Continuous Data Protection. , 2011, , .		2
45	Shuttle: Facilitating Inter-Application Interactions for OS-Level Virtualization. IEEE Transactions on Computers, 2014, 63, 1220-1233.	3.4	2
46	Network-Centric Buffer Cache Organization. , 0, , .		1
47	Accurate and Efficient Inter-Transaction Dependency Tracking. , 2008, , .		1
48	Device-transparent network-layer handoff for micro-mobility. , 2009, , .		1
49	Encryption Domain Text Retrieval. , 2012, , .		1
50	An integrated processing pipeline for irregular volume data. Volume Graphics International Symposium on Volume Graphics, 2005, , .	2.0	0
51	Accurate Application-Specific Sandboxing for Win32/Intel Binaries. , 2007, , .		0
52	Accurate Inter-Transaction Dependency Tracking for Repairable DBMS. , 2007, , .		0
53	Automated Format String Attack Prevention for Win32/X86 Binaries. Proceedings of the Computer Security Applications Conference, 2007, , .	0.0	0