Hans P Reiser

List of Publications by Year
in descending order

58 papers	380 citations	1163117 8 h-index	1125743 13 g-index
60 all docs	60 docs citations	60 times ranked	245 citing authors

#	Article	IF	Citations
1	AWARE: Adaptive Wide-Area Replication for Fast and Resilient Byzantine Consensus. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1605-1620.	5.4	18
2	SSHkex: Leveraging virtual machine introspection for extracting SSH keys and decrypting SSH network traffic. Forensic Science International: Digital Investigation, 2022, 40, 301337.	1.7	1
3	Introspect Virtual Machines Like It Is the Linux Kernel!. Lecture Notes in Computer Science, 2021, , 258-277.	1.3	0
4	Agent-Based File Extraction Using Virtual Machine Introspection. Lecture Notes in Computer Science, 2021, , 174-191.	1.3	0
5	Making Reads in BFT State Machine Replication Fast, Linearizable, and Live. , 2021, , .		7
6	Towards Hypervisor Support for Enhancing the Performance of Virtual Machine Introspection. Lecture Notes in Computer Science, 2020, , 41-54.	1.3	2
7	Self-optimising Application-agnostic Multithreading for Replicated State Machines. , 2020, , .		1
8	Resilient Wide-Area Byzantine Consensus Using Adaptive Weighted Replication. , 2019, , .		10
9	TwinPorter - An Architecture For Enabling the Live Migration of VMI-Based Monitored Virtual Machines. , 2019, , .		0
10	SORRIR. , 2019, , .		4
11	VMIGuard: Detecting and Preventing Service Integrity Violations by Malicious Insiders Using Virtual Machine Introspection. Lecture Notes in Computer Science, 2019, , 271-282.	1.3	2
12	Resource-Efficient State-Machine Replication with Multithreading and Vertical Scaling. , 2018, , .		3
13	Scaling Byzantine Consensus. , 2018, , .		29
14	Sarracenia: Enhancing the Performance and Stealthiness of SSH Honeypots Using Virtual Machine Introspection. Lecture Notes in Computer Science, 2018, , 255-271.	1.3	6
15	WebBFT: Byzantine Fault Tolerance for Resilient Interactive Web Applications. Lecture Notes in Computer Science, 2018, , 1-17.	1.3	4
16	BCRB 2018 introduction. , 2018, , .		0
17	Visualizing BFT SMR Distributed Systems - Example of BFT-SMaRt. , 2018, , .		1
18	Introspection for ARM TrustZone with the ITZ Library. , 2018, , .		1

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19	DroidKex: Fast extraction of ephemeral TLS keys from the memory of Android apps. Digital Investigation, 2018, 26, S67-S76.	3.2	7
20	A few open problems and solutions for software technologies for dependable distributed systems. Journal of Systems Architecture, 2017, 73, 1-5.	4.3	3
21	Towards intrusion-resilient security monitoring in multi-cloud infrastructures. , 2017, , .		0
22	Characterizing loss of digital evidence due to abstraction layers. Digital Investigation, 2017, 20, S107-S115.	3.2	4
23	Virtual Machine Introspection Based SSH Honeypot. , 2017, , .		6
24	Classifying malware attacks in IaaS cloud environments. Journal of Cloud Computing: Advances, Systems and Applications, 2017, 6, .	3.9	31
25	Towards a Generic Architecture for Interactive Cost-Aware Visualization of Monitoring Data in Distributed Systems. , 2017, , .		0
26	CloudPhylactor: Harnessing Mandatory Access Control for Virtual Machine Introspection in Cloud Data Centers. , 2016, , .		12
27	Geographic Localization of an Anonymous Social Network Message Data Set. , 2016, , .		2
28	Visualizing and Controlling VMI-Based Malware Analysis in IaaS Cloud. , 2016, , .		4
29	TLSkex: Harnessing virtual machine introspection for decrypting TLS communication. Digital Investigation, 2016, 16, S114-S123.	3.2	20
30	A flexible framework for mobile device forensics based on cold boot attacks. Eurasip Journal on Information Security, 2016, 2016, .	2.2	4
31	Emusphere: Evaluating Planetary-Scale Distributed Systems in Automated Emulation Environments. , 2016, , .		0
32	LiveCloudInspector: Towards Integrated IaaS Forensics in the Cloud. Lecture Notes in Computer Science, 2015, , 207-220.	1.3	9
33	CloudIDEA: A Malware Defense Architecture for Cloud Data Centers. Lecture Notes in Computer Science, 2015, , 594-611.	1.3	5
34	A Lightweight Framework for Cold Boot Based Forensics on Mobile Devices. , 2015, , .		2
35	Towards a Flexible Virtualization-Based Architecture for Malware Detection and Analysis. , 2014, , .		0
36	Intrusion detection and honeypots in nested virtualization environments. , 2013, , .		16

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37	Control-Flow Integrity in Web Applications. Lecture Notes in Computer Science, 2013, , 1-16.	1.3	7
38	Network Forensics for Cloud Computing. Lecture Notes in Computer Science, 2013, , 29-42.	1.3	22
39	State Transfer for Hypervisor-Based Proactive Recovery of Heterogeneous Replicated Services. FERS-Mitteilungen, 2011, 29, 29-40.	0.1	2
40	Functional decomposition and interactions in hybrid intrusion-tolerant systems. , 2009, , .		1
41	FOREVER. , 2008, , .		3
42	Adaptive Web Service Migration. Lecture Notes in Computer Science, 2008, , 182-195.	1.3	9
43	Efficient state transfer for hypervisor-based proactive recovery. , 2008, , .		9
44	Multithreading Strategies for Replicated Objects. Lecture Notes in Computer Science, 2008, , 104-123.	1.3	3
45	Using Object Replication for Building a Dependable Version Control System. Lecture Notes in Computer Science, 2008, , 86-99.	1.3	2
46	Towards generic and middleware-independent support for replicated, distributed objects. , 2007, , .		3
47	Revisiting Deterministic Multithreading Strategies. , 2007, , .		5
48	Hypervisor-Based Efficient Proactive Recovery. , 2007, , .		34
49	Parallel State Transfer in Object Replication Systems. Lecture Notes in Computer Science, 2007, , 167-180.	1.3	5
50	AWSM: Infrastructure for Adaptive Web Service Migration. , 2007, , 3-4.		1
51	Hypervisor-Based Efficient Proactive Recovery. Proceedings of the IEEE Symposium on Reliable Distributed Systems, 2007, , .	0.0	3
52	Consistent Replication of Multithreaded Distributed Objects. Proceedings of the IEEE Symposium on Reliable Distributed Systems, 2006, , .	0.0	14
53	FORMI: Integrating Adaptive Fragmented Objects into Java RMI. IEEE Distributed Systems Online, 2006, 7, 1-1.	0.5	5
54	Decentralised diffusion-based quota management. , 2006, , .		0

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55	Fault-Tolerant Replication Based on Fragmented Objects. Lecture Notes in Computer Science, 2006, , 256-271.	1.3	10
56	A flexible and extensible object middleware. , 2005, , .		12
57	Decentralized, Adaptive Services: The AspectIX Approach for a Flexible and Secure Grid Environment. Lecture Notes in Computer Science, 2004, , 107-118.	1.3	7
58	Workshop for PhD Students in Object Oriented Programming. Lecture Notes in Computer Science, 2004, , 50-61.	1.3	0