

Hans P Reiser

List of Publications by Year in descending order

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58
papers

380
citations

1163117

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h-index

1125743

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60
all docs

60
docs citations

60
times ranked

245
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Hypervisor-Based Efficient Proactive Recovery. , 2007, , . | | 34 |
| 2 | Classifying malware attacks in IaaS cloud environments. Journal of Cloud Computing: Advances, Systems and Applications, 2017, 6, . | 3.9 | 31 |
| 3 | Scaling Byzantine Consensus. , 2018, , . | | 29 |
| 4 | Network Forensics for Cloud Computing. Lecture Notes in Computer Science, 2013, , 29-42. | 1.3 | 22 |
| 5 | TLSkex: Harnessing virtual machine introspection for decrypting TLS communication. Digital Investigation, 2016, 16, S114-S123. | 3.2 | 20 |
| 6 | 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 |
| 7 | Intrusion detection and honeypots in nested virtualization environments. , 2013, , . | | 16 |
| 8 | Consistent Replication of Multithreaded Distributed Objects. Proceedings of the IEEE Symposium on Reliable Distributed Systems, 2006, , . | 0.0 | 14 |
| 9 | A flexible and extensible object middleware. , 2005, , . | | 12 |
| 10 | CloudPhylactor: Harnessing Mandatory Access Control for Virtual Machine Introspection in Cloud Data Centers. , 2016, , . | | 12 |
| 11 | Resilient Wide-Area Byzantine Consensus Using Adaptive Weighted Replication. , 2019, , . | | 10 |
| 12 | Fault-Tolerant Replication Based on Fragmented Objects. Lecture Notes in Computer Science, 2006, , 256-271. | 1.3 | 10 |
| 13 | LiveCloudInspector: Towards Integrated IaaS Forensics in the Cloud. Lecture Notes in Computer Science, 2015, , 207-220. | 1.3 | 9 |
| 14 | Adaptive Web Service Migration. Lecture Notes in Computer Science, 2008, , 182-195. | 1.3 | 9 |
| 15 | Efficient state transfer for hypervisor-based proactive recovery. , 2008, , . | | 9 |
| 16 | Decentralized, Adaptive Services: The AspectIX Approach for a Flexible and Secure Grid Environment. Lecture Notes in Computer Science, 2004, , 107-118. | 1.3 | 7 |
| 17 | DroidKex: Fast extraction of ephemeral TLS keys from the memory of Android apps. Digital Investigation, 2018, 26, S67-S76. | 3.2 | 7 |
| 18 | Control-Flow Integrity in Web Applications. Lecture Notes in Computer Science, 2013, , 1-16. | 1.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Making Reads in BFT State Machine Replication Fast, Linearizable, and Live. , 2021, , . | | 7 |
| 20 | Virtual Machine Introspection Based SSH Honeypot. , 2017, , . | | 6 |
| 21 | Sarracenia: Enhancing the Performance and Stealthiness of SSH Honeybots Using Virtual Machine Introspection. Lecture Notes in Computer Science, 2018, , 255-271. | 1.3 | 6 |
| 22 | FORMI: Integrating Adaptive Fragmented Objects into Java RMI. IEEE Distributed Systems Online, 2006, 7, 1-1. | 0.5 | 5 |
| 23 | Revisiting Deterministic Multithreading Strategies. , 2007, , . | | 5 |
| 24 | CloudIDEA: A Malware Defense Architecture for Cloud Data Centers. Lecture Notes in Computer Science, 2015, , 594-611. | 1.3 | 5 |
| 25 | Parallel State Transfer in Object Replication Systems. Lecture Notes in Computer Science, 2007, , 167-180. | 1.3 | 5 |
| 26 | Visualizing and Controlling VMI-Based Malware Analysis in IaaS Cloud. , 2016, , . | | 4 |
| 27 | A flexible framework for mobile device forensics based on cold boot attacks. Eurasip Journal on Information Security, 2016, 2016, . | 2.2 | 4 |
| 28 | Characterizing loss of digital evidence due to abstraction layers. Digital Investigation, 2017, 20, S107-S115. | 3.2 | 4 |
| 29 | WebBFT: Byzantine Fault Tolerance for Resilient Interactive Web Applications. Lecture Notes in Computer Science, 2018, , 1-17. | 1.3 | 4 |
| 30 | SORRIR. , 2019, , . | | 4 |
| 31 | Towards generic and middleware-independent support for replicated, distributed objects. , 2007, , . | | 3 |
| 32 | FOREVER. , 2008, , . | | 3 |
| 33 | A few open problems and solutions for software technologies for dependable distributed systems. Journal of Systems Architecture, 2017, 73, 1-5. | 4.3 | 3 |
| 34 | Resource-Efficient State-Machine Replication with Multithreading and Vertical Scaling. , 2018, , . | | 3 |
| 35 | Hypervisor-Based Efficient Proactive Recovery. Proceedings of the IEEE Symposium on Reliable Distributed Systems, 2007, , . | 0.0 | 3 |
| 36 | Multithreading Strategies for Replicated Objects. Lecture Notes in Computer Science, 2008, , 104-123. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | A Lightweight Framework for Cold Boot Based Forensics on Mobile Devices. , 2015, , . | | 2 |
| 38 | Geographic Localization of an Anonymous Social Network Message Data Set. , 2016, , . | | 2 |
| 39 | Towards Hypervisor Support for Enhancing the Performance of Virtual Machine Introspection. Lecture Notes in Computer Science, 2020, , 41-54. | 1.3 | 2 |
| 40 | Using Object Replication for Building a Dependable Version Control System. Lecture Notes in Computer Science, 2008, , 86-99. | 1.3 | 2 |
| 41 | State Transfer for Hypervisor-Based Proactive Recovery of Heterogeneous Replicated Services. FERS-Mitteilungen, 2011, 29, 29-40. | 0.1 | 2 |
| 42 | 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 |
| 43 | Functional decomposition and interactions in hybrid intrusion-tolerant systems. , 2009, , . | | 1 |
| 44 | Visualizing BFT SMR Distributed Systems - Example of BFT-SMaRt. , 2018, , . | | 1 |
| 45 | Introspection for ARM TrustZone with the ITZ Library. , 2018, , . | | 1 |
| 46 | AWSM: Infrastructure for Adaptive Web Service Migration. , 2007, , 3-4. | | 1 |
| 47 | Self-optimising Application-agnostic Multithreading for Replicated State Machines. , 2020, , . | | 1 |
| 48 | 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 |
| 49 | Decentralised diffusion-based quota management. , 2006, , . | | 0 |
| 50 | Towards a Flexible Virtualization-Based Architecture for Malware Detection and Analysis. , 2014, , . | | 0 |
| 51 | Emusphere: Evaluating Planetary-Scale Distributed Systems in Automated Emulation Environments. , 2016, , . | | 0 |
| 52 | Towards intrusion-resilient security monitoring in multi-cloud infrastructures. , 2017, , . | | 0 |
| 53 | Towards a Generic Architecture for Interactive Cost-Aware Visualization of Monitoring Data in Distributed Systems. , 2017, , . | | 0 |
| 54 | BCRB 2018 introduction. , 2018, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | TwinPorter - An Architecture For Enabling the Live Migration of VMI-Based Monitored Virtual Machines. , 2019, , . | | 0 |
| 56 | Introspect Virtual Machines Like It Is the Linux Kernel!. Lecture Notes in Computer Science, 2021, , 258-277. | 1.3 | 0 |
| 57 | Agent-Based File Extraction Using Virtual Machine Introspection. Lecture Notes in Computer Science, 2021, , 174-191. | 1.3 | 0 |
| 58 | Workshop for PhD Students in Object Oriented Programming. Lecture Notes in Computer Science, 2004, , 50-61. | 1.3 | 0 |