Martin Henze

List of Publications by Year
in descending order

62 papers	1,818 citations	1163117 8 h-index	1058476 14 g-index
66 all docs	66 docs citations	66 times ranked	1250 citing authors

#	Article	IF	Citations
1	Complying With Data Handling Requirements in Cloud Storage Systems. IEEE Transactions on Cloud Computing, 2022, 10, 1661-1674.	4.4	8
2	BP-MAC: Fast Authentication for Short Messages. , 2022, , .		7
3	Take a Bite of the Reality Sandwich. , 2022, , .		8
4	A False Sense of Security?. , 2022, , .		9
5	Missed Opportunities. , 2022, , .		6
6	On using contextual correlation to detect multi-stage cyber attacks in smart grids. Sustainable Energy, Grids and Networks, 2022, 32, 100821.	3.9	9
7	Scalable and Privacy-Focused Company-Centric Supply Chain Management. , 2022, , .		4
8	Challenges and Opportunities in Securing the Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 2985-2996.	11.3	135
9	Transparent End-to-End Security for Publish/Subscribe Communication in Cyber-Physical Systems. , 2021, , .		15
10	Towards an Approach to Contextual Detection of Multi-Stage Cyber Attacks in Smart Grids. , 2021, , .		5
11	CoinPrune: Shrinking Bitcoinâ€™s Blockchain Retrospectively. IEEE Transactions on Network and Service Management, 2021, 18, 3064-3078.	4.9	13
12	Cybersecurity in Power Grids: Challenges and Opportunities. Sensors, 2021, 21, 6225.	3.8	55
13	Investigating Man-in-the-Middle-based False Data Injection in a Smart Grid Laboratory Environment. , 2021, , .		5
14	The Quest for Secure and Privacy-preserving Cloud-based Industrial Cooperation. , 2020, , .		12
15	Graph-based Model of Smart Grid Architectures. , 2020, , .		9
16	Private Multi-Hop Accountability for Supply Chains. , 2020, , .		14
17	Methods for Actors in the Electric Power System to Prevent, Detect and React to ICT Attacks and Failures. , 2020, , .		12
18	Cybersecurity Research and Training for Power Distribution Grids -- A Blueprint. , 2020, , .		5

#	Article	IF	Citations
19	Facilitating Protocol-independent Industrial Intrusion Detection Systems. , 2020, , .		5
20	Easing the Conscience with OPC UA. , 2020, , .		20
21	Towards an Infrastructure Enabling the Internet of Production. , 2019, , .		90
22	Hi DoppelgÃnger : Towards Detecting Manipulation in News Comments. , 2019, , .		2
23	The Case for Session Sharing: Relieving Clients from TLS Handshake Overheads. , 2019, , .		4
24	Tailoring Onion Routing to the Internet of Things: Security and Privacy in Untrusted Environments. , 2019, , .		24
25	Dataflow Challenges in an Internet of Production. , 2019, , .		43
26	Multipathing Traffic to Reduce Entry Node Exposure in Onion Routing. , 2019, , .		7
27	A Case for Integrated Data Processing in Large-Scale Cyber-Physical Systems. , 2019, , .		26
28	Secure and anonymous decentralized Bitcoin mixing. Future Generation Computer Systems, 2018, 80, 448-466.	7.5	84
29	Secure Low Latency Communication for Constrained Industrial IoT Scenarios. , 2018, , .		29
30	Towards In-Network Security for Smart Homes. , 2018, , .		25
31	Thwarting Unwanted Blockchain Content Insertion. , 2018, , .		33
32	A Quantitative Analysis of the Impact of Arbitrary Blockchain Content on Bitcoin. Lecture Notes in Computer Science, 2018, , 420-438.	1.3	86
33	Practical Data Compliance for Cloud Storage. , 2017, , .		10
34	TraceMixer: Privacy-preserving crowd-sensing sans trusted third party. , 2017, , .		7
35	A survey on the evolution of privacy enforcement on smartphones and the road ahead. Pervasive and Mobile Computing, 2017, 42, 58-76.	3.3	4
36	Veiled in clouds? Assessing the prevalence of cloud computing in the email landscape. , 2017, , .		2

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37	Privacy-Preserving HMM Forward Computation. , 2017, , .		6
38	Distributed Configuration, Authorization and Management in the Cloud-Based Internet of Things. , 2017, , .		17
39	BLOOM: BLoom filter based oblivious outsourced matchings. BMC Medical Genomics, 2017, 10, 44.	1.5	17
40	CloudAnalyzer. , 2017, , .		10
41	Analysis of Fingerprinting Techniques for Tor Hidden Services. , 2017, , .		19
42	Privacy-preserving Comparison of Cloud Exposure Induced by Mobile Apps. , 2017, , .		4
43	CPPL. , 2016, , .		18
44	Towards Transparent Information on Individual Cloud Service Usage. , 2016, , .		6
45	Moving Privacy-Sensitive Services from Public Clouds to Decentralized Private Clouds. , 2016, , .		14
46	Website Fingerprinting at Internet Scale. , 2016, , .		290
47	Comparison-Based Privacy: Nudging Privacy in Social Media (Position Paper). Lecture Notes in Computer Science, 2016, , 226-234.	1.3	5
48	A comprehensive approach to privacy in the cloud-based Internet of Things. Future Generation Computer Systems, 2016, 56, 701-718.	7.5	156
49	Choose Wisely: A Comparison of Secure Two-Party Computation Frameworks. , 2015, , .		6
50	CoinParty. , 2015, , .		88
51	Bandwidth-Optimized Secure Two-Party Computation of Minima. Lecture Notes in Computer Science, 2015, , 197-213.	1.3	1
52	User-Driven Privacy Enforcement for Cloud-Based Services in the Internet of Things. , 2014, , .		29
53	Piccett: Protocol-independent classification of corrupted error-tolerant traffic. , 2014, , .		1
54	SCSlib: Transparently Accessing Protected Sensor Data in the Cloud. Procedia Computer Science, 2014, 37, 370-375.	2.0	8

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55	Graph-based redundancy removal approach for multiple cross-layer interactions. , 2014, , .		0
56	A Trust Point-based Security Architecture for Sensor Data in the Cloud. , 2014, , 77-106.		14
57	Towards Data Handling Requirements-Aware Cloud Computing. , 2013, , .		22
58	6LoWPAN fragmentation attacks and mitigation mechanisms. , 2013, , .		94
59	Slimfit — A HIP DEX compression layer for the IP-based Internet of Things. , 2013, , .		26
60	The Cloud Needs Cross-Layer Data Handling Annotations. , 2013, , .		19
61	Maintaining User Control While Storing and Processing Sensor Data in the Cloud. International Journal of Grid and High Performance Computing, 2013, 5, 97-112.	0.9	21
62	A Cloud design for user-controlled storage and processing of sensor data. , 2012, , .		50