Jörg Keller

List of Publications by Year
in descending order

51 papers	230 citations	1162367 8 h-index	1199166 12 g-index
56 all docs	56 docs citations	56 times ranked	112 citing authors

#	Article	IF	Citations
1	Code generation for energyâ€efficient execution of dynamic streaming task graphs on parallel and heterogeneous platforms. Concurrency Computation Practice and Experience, 2022, 34, e6072.	1.4	3
2	Systematic search space design for energy-efficient static scheduling of moldable tasks. Journal of Parallel and Distributed Computing, 2022, 162, 44-58.	2.7	1
3	Replication study challenges and new number formats for chaotic pseudo random number generators. IT - Information Technology, 2022, .	0.6	2
4	Advances and Practical Applications of Deep and Shallow Machine Learning. Journal of Universal Computer Science, 2022, 28, 225-226.	0.6	1
5	Integrating Energy-Optimizing Scheduling of Moldable Streaming Tasks with Design Space Exploration for Multiple Core Types on Configurable Platforms. Journal of Signal Processing Systems, 2022, 94, 849-864.	1.4	3
6	Requirements for Crafting Virtual Network Packet Captures. Journal of Cybersecurity and Privacy, 2022, 2, 516-526.	2.4	0
7	Improving cryptanalytic applications with stochastic runtimes on GPUs and multicores. Parallel Computing, 2022, 112, 102944.	1.3	0
8	Combining Design Space Exploration with Task Scheduling of Moldable Streaming Tasks on Reconfigurable Platforms. Lecture Notes in Computer Science, 2021, , 93-107.	1.0	2
9	Crown-scheduling of sets of parallelizable tasks for robustness and energy-elasticity on many-core systems with discrete dynamic voltage and frequency scaling. Journal of Systems Architecture, 2021, 115, 101999.	2.5	1
10	Encapcap: Transforming Network Traces to Virtual Networks. , 2021, , .		1
11	Unsupervised packet-based anomaly detection in virtual networks. Computer Networks, 2021, 192, 108017.	3.2	8
12	Improving Cryptanalytic Applications with Stochastic Runtimes on GPUs. , 2021, , .		3
13	Chaotic Pseudo Random Number Generators: A Case Study on Replication Study Challenges. , 2021, , .		2
14	Reversible and Plausibly Deniable Covert Channels in One-Time Passwords Based on Hash Chains. Applied Sciences (Switzerland), 2021, 11, 731.	1.3	3
15	How to Tweak a Cryptographic Permutation by Direct Manipulation. , 2021, , .		0
16	Multilevel Network Steganography in Fountain Codes. , 2021, , .		2
17	Comparing optimal and heuristic taskgraph scheduling on parallel machines with frequency scaling. Concurrency Computation Practice and Experience, 2020, 32, e5396.	1.4	2
18	Maximizing Profit in Energy-Efficient Moldable Task Execution with Deadline. , 2020, , .		0

#	Article	IF	Citations
19	Voltage Island-Aware Energy-Efficient Scheduling of Parallel Streaming Tasks on Many-Core CPUs. , 2020, , .		2
20	Impact of Virtual Networks on Anomaly Detection with Machine Learning. , 2020, , .		2
21	Static Scheduling of Moldable Streaming Tasks With Task Fusion for Parallel Systems With DVFS. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 4166-4178.	1.9	6
22	VoIP network covert channels to enhance privacy and information sharing. Future Generation Computer Systems, 2020, 111, 96-106.	4.9	16
23	Adaptive Crown Scheduling for Streaming Tasks on Many-Core Systems with Discrete DVFS. Lecture Notes in Computer Science, 2020, , 17-29.	1.0	0
24	Practical Applications of Data Analysis, Classification and Anomaly Detection. Journal of Universal Computer Science, 2020, 26, 432-433.	0.6	0
25	Progress in Features, Data, Patterns and Similarity Analysis. Journal of Universal Computer Science, 2020, 26, 647-648.	0.6	2
26	A Study of Network Forensic Investigation in Docker Environments. , 2019, , .		1
27	Probabilistic Runtime Guarantees for Statically Scheduled Taskgraphs with Stochastic Task Runtimes. , 2019, , .		2
28	Scheduling Moldable Parallel Streaming Tasks on Heterogeneous Platforms with Frequency Scaling. , 2019, , .		7
29	Co-Optimizing Core Allocation, Mapping and DVFS in Streaming Programs with Moldable Tasks for Energy Efficient Execution on Manycore Architectures. , 2019, , .		8
30	Improving Lawful Interception in Virtual Datacenters. , 2018, , .		4
31	Network forensic investigation in OpenFlow networks with ForCon. Digital Investigation, 2017, 20, S66-S74.	3.2	19
32	Asymmetric Crown Scheduling. , 2017, , .		2
33	Fault-Tolerant Parallel Execution of Workflows with Deadlines. , 2017, , .		2
34	Ant Colony-Inspired Parallel Algorithm to Improve Cryptographic Pseudo Random Number Generators. , 2017, , .		3
35	Secure genomic data evaluation in cloud environments. , 2017, , .		0
36	Towards Covert Channels in Cloud Environments: A Study of Implementations in Virtual Networks. Lecture Notes in Computer Science, 2017, , 248-262.	1.0	3

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37	Workload Type-Aware Scheduling on big.LITTLE Platforms. Lecture Notes in Computer Science, 2017, , 3-17.	1.0	15
38	Structural improvements of chaotic PRNG implementations. , 2016, , .		2
39	Energy-Efficient Task Scheduling in Manycore Processors with Frequency Scaling Overhead. , 2015, , .		2
40	Fast Crown Scheduling Heuristics for Energy-Efficient Mapping and Scaling of Moldable Streaming Tasks on Manycore Systems. Transactions on Architecture and Code Optimization, 2015, 11, 1-24.	1.6	25
41	Hidden and under control. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 417-430.	1.6	19
42	Crown scheduling: Energy-efficient resource allocation, mapping and discrete frequency scaling for collections of malleable streaming tasks. , 2013, , .		9
43	Power-efficient server utilization in compute clouds. , 2013, , .		0
44	Efficient and Fault-Tolerant Static Scheduling for Grids. , 2013, , .		2
45	Engineering Parallel Sorting for the Intel SCC. Procedia Computer Science, 2012, 9, 1890-1899.	1.2	1
46	Systematic Engineering of Control Protocols for Covert Channels. Lecture Notes in Computer Science, 2012, , 131-144.	1.0	10
47	Low-Attention Forwarding for Mobile Network Covert Channels. Lecture Notes in Computer Science, 2011, , 122-133.	1.0	13
48	A heuristic to accelerate in-situ permutation algorithms. Information Processing Letters, 2002, 81, 119-125.	0.4	3
49	On the cost-effectiveness of PRAMs. Acta Informatica, 1999, 36, 463-487.	0.5	13
50	A Deterministic Portable Parallel Pseudo-Random Number Generator for Pattern-Based Programming of Heterogeneous Parallel Systems. International Journal of Parallel Programming, 0, , 1.	1.1	0
51	Effects of Continuous vs Discrete Frequency Scaling and Core Allocation on Energy Efficiency of Static Schedules for Moldable Tasks. Parallel Processing Letters, 0, , .	0.4	0