Dietmar Tutsch

List of Publications by Year
in descending order

17	108	1937685 4	1872680 6
papers	citations	h-index	g-index

17	17	17	65
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Integrated Modeling Approach to Evaluate and Optimize Data Center Sustainability, Dependability and Cost. Energies, 2014, 7, 238-277.	3.1	32
2	Generating Systems of Equations for Performance Evaluation of Multistage Interconnection Networks. Journal of Parallel and Distributed Computing, 2002, 62, 228-240.	4.1	27
3	Estimating sustainability impact of high dependable data centers: a comparative study between Brazilian and US energy mixes. Computing (Vienna/New York), 2013, 95, 1137-1170.	4.8	24
4	Models for dependability and sustainability analysis of data center cooling architectures. , 2012, , .		19
5	PLDADâ€"An Algorihm to Reduce Data Center Energy Consumption. Energies, 2018, 11, 2821.	3.1	4
6	A Criteria Transformation Approach to Pattern Matching based on Non-Linear Parameter Optimization. Journal of Intelligent Systems, 2015, 24, 249-263.	1.6	1
7	Anode Effect Prediction in Hall-HÃ©roult Cells Using Time Series Characteristics. Applied Sciences (Switzerland), 2020, 10, 9050.	2.5	1
8	Reconfigurable parallel computing. , 2010, , .		0
9	A probabilistic approach to pattern-matching based on non-linear parameter optimization. , 2014, , .		0
10	A new approach to mapping software to coprocessor circuits. , 2016, , .		0
11	A New Concept for Multiplexers in Interconnect Blocks of FPGAs. , 2021, , .		0
12	Buffer Design in Delta Networks. , 2002, , 93-101.		0
13	An Analyzable On-Chip Network Architecture for Embedded Systems. , 2006, , 63-72.		0
14	A DTMC Model for Performance Evaluation of Irregular Interconnection Networks with Asymmetric Spatial Traffic Distributions. Lecture Notes in Computer Science, 2016, , 193-209.	1.3	0
15	Low-power Characteristics and Data Retention Abilities of A New Multiplexer Logic for Interconnect Logic of FPGAs. , 2021, , .		0
16	Low-power Concepts for FPGAs in Applications with limited Energy Resources. , 2020, , .		0
17	Conceptual Evaluation and Comparison of A Data Retaining Multiplexer. , 2022, , .		0