Oliver Bringmann

List of Publications by Year
in descending order

22 papers	91 citations	1937685 4 h-index	1588992 8 g-index
22 all docs	22 docs citations	22 times ranked	67 citing authors

#	Article	IF	Citations
1	Identifying Scenarios in Field Data to Enable Validation of Highly Automated Driving Systems. , 2022, , .		3
2	Computational intelligence based optimization of hierarchical virtual power plants. Energy Systems, 2021, 12, 517-544.	3.0	7
3	Behavior of Keyword Spotting Networks Under Noisy Conditions. Lecture Notes in Computer Science, 2021, , 369-378.	1.3	1
4	Scenario-Aware Program Specialization for Timing Predictability. Transactions on Architecture and Code Optimization, 2021, 18, 1-26.	2.0	2
5	Static Analysis of Controller Area Network Communication for Attack Detection. European Journal for Security Research, 2021, 6, 171-187.	1.9	4
6	enerDAG â€" Towards a DLT-based Local Energy Trading Platform. , 2020, , .		4
7	UltraTrail: A Configurable Ultralow-Power TC-ResNet AI Accelerator for Efficient Keyword Spotting. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 4240-4251.	2.7	17
8	Statistical Analysis of Bistatic Radar Ground Clutter for Different German Rural Environments. Sensors, 2020, 20, 3311.	3.8	3
9	A computational intelligence based approach for optimized operation scheduling of energy plants. Automatisierungstechnik, 2020, 68, 118-129.	0.8	4
10	Automated Scheduling for Optimal Parallelization to Reduce the Duration of Vehicle Software Updates. IEEE Transactions on Vehicular Technology, 2019, 68, 2921-2933.	6.3	9
11	A Heterogeneous and Reconfigurable Embedded Architecture for Energy-Efficient Execution of Convolutional Neural Networks. Lecture Notes in Computer Science, 2019, , 267-280.	1.3	4
12	Wideband Direction of Arrival Estimation using Monopulse in Rotman Lens Beamspace. , 2019, , .		2
13	Fault Diagnosis Approach for Pedelec Drive Units Based on Support Vector Machines. , 2019, , .		1
14	Delay Estimation for Time Synchronization of a Bistatic Transfer Function Measurement Setup to Single Received Pulses. , 2019, , .		2
15	Harmonizing Heterogeneous Diagnostic Data of a Vehicle Fleet for Data-Driven Analytics. , 2019, , .		1
16	Self-supervised Multi-stage Estimation of Remaining Useful Life for Electric Drive Units. , 2019, , .		5
17	Development of a modelling and simulation methodology for hierarchical energy system scenarios. International Journal of Smart Grid and Clean Energy, 2019, , 383-391.	0.4	2
18	Ant Colony Optimization for Optimized Operation Scheduling of Combined Heat and Power Plants. Lecture Notes in Computer Science, 2019, , 90-105.	1.3	1

#	Article	IF	Citations
19	Rapid Sensitivity Curve Measurement for MEMS Accelerometers. , 2018, , .		2
20	Evaluating Optical Flow Vectors Under Varying Computer-Generated Snow Intensities and Pixel Density for Autonomous Vehicles. , 2018, , .		0
21	STELLaR - A case-study on SysTEmaticaLLy embedding a Traffic Light Recognition. , 2014, , .		7
22	Reliability assessment of safety-relevant automotive systems in a model-based design flow. , 2013, , .		10