

# Oliver Bringmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3168977/publications.pdf>

Version: 2024-02-01

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	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
2	Reliability assessment of safety-relevant automotive systems in a model-based design flow. , 2013, , .		10
3	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
4	STELLaR - A case-study on SysTEmaticaLLy embedding a Traffic Light Recognition. , 2014, , .		7
5	Computational intelligence based optimization of hierarchical virtual power plants. Energy Systems, 2021, 12, 517-544.	3.0	7
6	Self-supervised Multi-stage Estimation of Remaining Useful Life for Electric Drive Units. , 2019, , .		5
7	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
8	enerDAG â€œ Towards a DLT-based Local Energy Trading Platform. , 2020, , .		4
9	A computational intelligence based approach for optimized operation scheduling of energy plants. Automatisierungstechnik, 2020, 68, 118-129.	0.8	4
10	Static Analysis of Controller Area Network Communication for Attack Detection. European Journal for Security Research, 2021, 6, 171-187.	1.9	4
11	Statistical Analysis of Bistatic Radar Ground Clutter for Different German Rural Environments. Sensors, 2020, 20, 3311.	3.8	3
12	Identifying Scenarios in Field Data to Enable Validation of Highly Automated Driving Systems. , 2022, , .		3
13	Rapid Sensitivity Curve Measurement for MEMS Accelerometers. , 2018, , .		2
14	Wideband Direction of Arrival Estimation using Monopulse in Rotman Lens Beamspace. , 2019, , .		2
15	Delay Estimation for Time Synchronization of a Bistatic Transfer Function Measurement Setup to Single Received Pulses. , 2019, , .		2
16	Scenario-Aware Program Specialization for Timing Predictability. Transactions on Architecture and Code Optimization, 2021, 18, 1-26.	2.0	2
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	Fault Diagnosis Approach for Pedelec Drive Units Based on Support Vector Machines. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Harmonizing Heterogeneous Diagnostic Data of a Vehicle Fleet for Data-Driven Analytics. , 2019, , .		1
20	Behavior of Keyword Spotting Networks Under Noisy Conditions. Lecture Notes in Computer Science, 2021, , 369-378.	1.3	1
21	Ant Colony Optimization for Optimized Operation Scheduling of Combined Heat and Power Plants. Lecture Notes in Computer Science, 2019, , 90-105.	1.3	1
22	Evaluating Optical Flow Vectors Under Varying Computer-Generated Snow Intensities and Pixel Density for Autonomous Vehicles. , 2018, , .		0