

# Paul De Meulenaere

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

51  
citations

5  
h-index

6  
g-index

24  
ext. papers

88  
ext. citations

1.6  
avg, IF

2.07  
L-index

#	Paper	IF	Citations
17	Sensors on Vehicles (SENSOVO) [Proof-of-concept for Road Surface Distress Detection with Wheel Accelerations and ToF Camera Data Collected by a Fleet of Ordinary Vehicles. <i>Transportation Research Procedia</i> , <b>2016</b> , 14, 2966-2975	2.4	10
16	Semantic adaptation for FMI co-simulation with hierarchical simulators. <i>Simulation</i> , <b>2019</b> , 95, 241-269	1.2	9
15	Extending Multilevel Statistical Entropy Analysis towards Plastic Recyclability Prediction. <i>Sustainability</i> , <b>2021</b> , 13, 3553	3.6	7
14	DEVS for AUTOSAR-based system deployment modeling and simulation. <i>Simulation</i> , <b>2017</b> , 93, 489-513	1.2	6
13	Valid (Re-)Use of Models-of-the-Physics in Cyber-Physical Systems Using Validity Frames <b>2019</b> ,		5
12	Development and embedded deployment of a virtual load sensor for wind turbine gearboxes. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1618, 022011	0.3	3
11	Leveraging Domain Knowledge for the Efficient Design-Space Exploration of Advanced Cyber-Physical Systems <b>2019</b> ,		2
10	Cation Ordering in [(Ti,M)O] Layers of [201]Based Cuprates: Similarity to Ordering in fcc-Based Alloys. <i>Journal of Solid State Chemistry</i> , <b>1997</b> , 132, 113-122	3.3	2
9	Powerwindow: a Multi-component TACLeBench Benchmark for Timing Analysis. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2017</b> , 779-788	0.4	2
8	Impact of software architecture on execution time: a power window TACLeBench case study. <i>International Journal of Grid and Utility Computing</i> , <b>2019</b> , 10, 132	1.1	2
7	A hybrid timing analysis method based on the isolation of software code block. <i>Internet of Things (Netherlands)</i> , <b>2020</b> , 11, 100230	6.9	1
6	<b>2020</b> ,		1
5	Ontological Reasoning as an Enabler of Contract-Based Co-design. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 101-115	0.9	0
4	Towards a Hybrid Probabilistic Timing Analysis. <i>Advances in Science, Technology and Engineering Systems</i> , <b>2021</b> , 6, 1360-1368	0.3	0
3	Ontological reasoning in the design space exploration of advanced cyberphysical systems. <i>Microprocessors and Microsystems</i> , <b>2021</b> , 85, 104151	2.4	0
2	Validity Frame Driven Computational Design Synthesis for Complex Cyber-Physical Systems. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 82-90	0.3	
1	Migrating from a Proprietary RTOS to the OSEK Standard Using a Wrapper. <i>Lecture Notes in Electrical Engineering</i> , <b>2011</b> , 241-254	0.2	

