

# Borut Zupan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5473589/publications.pdf>

Version: 2024-02-01

11  
papers

66  
citations

1937685

4  
h-index

1872680

6  
g-index

11  
all docs

11  
docs citations

11  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyber-physical modelling in Modelica with model-reduction techniques. Journal of Systems and Software, 2020, 163, 110517.	4.5	5
2	Realization-preserving model reduction of object-oriented models using energy-based metrics. Simulation, 2019, 95, 607-620.	1.8	0
3	Books of the InMotion Project. InMotion: "New Engineer Learning Strategies using Visual Modeling Environments and Open Learning Platforms"; Computer Tools in Education, 2018, , 52-68.	0.2	0
4	Computer aided support for the temperature control in buildings. International Journal of Simulation and Process Modelling, 2017, 12, 459.	0.2	1
5	Computer-aided physical multi-domain modelling: Some experiences from education and industrial applications. Simulation Modelling Practice and Theory, 2013, 33, 45-67.	3.8	19
6	Model-based Predictive Control of Hybrid Systems: A Probabilistic Neural-network Approach to Real-time Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2008, 51, 45-63.	3.4	13
7	Remote laboratory for e-learning of multivariable control design. , 2008, , .		2
8	Continuous Systems Modelling Education " Causal or Acausal Approach?. , 2008, , .		1
9	Control Engineering: New Trends with OO Modelling Approach. , 2007, , .		2
10	Hybrid Fuzzy Modelling for Model Predictive Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2007, 50, 297-319.	3.4	15
11	A New Technique for Translating Discrete Hybrid Automata into Piecewise Affine Systems. Mathematical and Computer Modelling of Dynamical Systems, 2004, 10, 41-57.	2.2	8