Borut ZupanÄiÄ•

List of Publications by Year
in descending order

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	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
2	Hybrid Fuzzy Modelling for Model Predictive Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2007, 50, 297-319.	3.4	15
3	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
4	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
5	Cyber-physical modelling in Modelica with model-reduction techniques. Journal of Systems and Software, 2020, 163, 110517.	4.5	5
6	Control Engineering: New Trends with OO Modelling Approach. , 2007, , .		2
7	Remote laboratory for e-learning of multivariable control design. , 2008, , .		2
8	Continuous Systems Modelling Education â€" Causal or Acausal Approach?. , 2008, , .		1
9	Computer aided support for the temperature control in buildings. International Journal of Simulation and Process Modelling, 2017, 12, 459.	0.2	1
10	Realization-preserving model reduction of object-oriented models using energy-based metrics. Simulation, 2019, 95, 607-620.	1.8	0
11	Books of the InMotion Project. InMotion: â€œNew Engineer Learning Strategies using Visual Modeling Environments and Open Learning Platformsâ€• Computer Tools in Education, 2018, , 52-68.	0.2	0