

Ioannis Bonis

List of Publications by Year in descending order

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papers

130
citations

1478505

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1474206

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121
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Order Optimization of Large-Scale Nonlinear Systems with Nonlinear Inequality Constraints Using Steady State Simulators. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 9952-9963.	3.7	2
2	Data-driven model reduction-based nonlinear MPC for large-scale distributed parameter systems. <i>Journal of Process Control</i> , 2015, 35, 50-58.	3.3	32
3	Multiple Model Predictive Control of Dissipative PDE Systems. <i>IEEE Transactions on Control Systems Technology</i> , 2014, 22, 1206-1214.	5.2	17
4	Linear MPC based on data-driven Artificial Neural Networks for large-scale nonlinear distributed parameter systems. <i>Computer Aided Chemical Engineering</i> , 2012, , 1212-1216.	0.5	7
5	Model reduction-based optimization using large-scale steady-state simulators. <i>Chemical Engineering Science</i> , 2012, 69, 69-80.	3.8	13
6	A linear model predictive control algorithm for nonlinear large-scale distributed parameter systems. <i>AIChE Journal</i> , 2012, 58, 801-811.	3.6	24
7	Off-line model reduction for on-line linear MPC of nonlinear large-scale distributed systems. <i>Computers and Chemical Engineering</i> , 2011, 35, 750-757.	3.8	26
8	A Reduced Linear Model Predictive Control Algorithm for Nonlinear Distributed Parameter Systems. <i>Computer Aided Chemical Engineering</i> , 2010, 28, 553-558.	0.5	5
9	Steady-state constrained optimisation for input/output large-scale systems. <i>Computer Aided Chemical Engineering</i> , 2009, 26, 653-658.	0.5	0
10	A model reduction-based optimisation framework for large-scale simulators using iterative solvers. <i>Computer Aided Chemical Engineering</i> , 2008, 25, 545-550.	0.5	4