

Ioannis Bonis

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

130
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

121
citing authors

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