

Marco Vaccari

List of Publications by Year in descending order

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14
papers

170
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1039406

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#	ARTICLE	IF	CITATIONS
1	A Sequential Linear Programming algorithm for economic optimization of Hybrid Renewable Energy Systems. <i>Journal of Process Control</i> , 2019, 74, 189-201.	1.7	32
2	A Modifier-Adaptation Strategy towards Offset-Free Economic MPC. <i>Processes</i> , 2017, 5, 2.	1.3	22
3	Model predictive control design for multivariable processes in the presence of valve stiction. <i>Journal of Process Control</i> , 2018, 71, 25-34.	1.7	18
4	Optimally Managing Chemical Plant Operations: An Example Oriented by Industry 4.0 Paradigms. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 7853-7867.	1.8	17
5	Enhancing MPC formulations by identification and estimation of valve stiction. <i>Journal of Process Control</i> , 2019, 81, 31-39.	1.7	15
6	A rigorous simulation model of geothermal power plants for emission control. <i>Applied Energy</i> , 2020, 263, 114563.	5.1	15
7	Implementation of an Industry 4.0 system to optimally manage chemical plant operation. <i>IFAC-PapersOnLine</i> , 2020, 53, 11545-11550.	0.5	11
8	Implementation of an economic MPC with robustly optimal steady-state behavior. <i>IFAC-PapersOnLine</i> , 2018, 51, 92-97.	0.5	10
9	A valve stiction tolerant formulation of MPC for industrial processes. <i>IFAC-PapersOnLine</i> , 2017, 50, 9044-9049.	0.5	9
10	An Open-Source System Identification Package for Multivariable Processes. , 2018, , .		9
11	Offset-Free Economic MPC Based on Modifier Adaptation: Investigation of Several Gradient-Estimation Techniques. <i>Processes</i> , 2021, 9, 901.	1.3	8
12	Identification and estimation of valve stiction by the use of a smoothed model. <i>IFAC-PapersOnLine</i> , 2018, 51, 684-689.	0.5	2
13	Estimation technique for offset-free economic MPC based on modifier adaptation. <i>IFAC-PapersOnLine</i> , 2020, 53, 11251-11256.	0.5	2
14	A performance monitoring algorithm for sustained optimal operation with economic MPC. , 2019, , .		0