

Anwesh Reddy Gottu Mukkula

List of Publications by Year in descending order

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15
papers

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docs citations

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124
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust multi-stage model-based design of optimal experiments for nonlinear estimation. Computers and Chemical Engineering, 2021, 155, 107499.	3.8	6
2	Handling Measurement Delay in Iterative Real-Time Optimization Methods. Processes, 2021, 9, 1800.	2.8	1
3	Experimental Real Time Optimization of a Continuous Membrane Separation Plant. IFAC-PapersOnLine, 2020, 53, 11786-11793.	0.9	2
4	Model Adaptation with Quadratic Approximation in Iterative Real-Time Optimization. , 2019, , .		0
5	Flexible automation with compact NMR spectroscopy for continuous production of pharmaceuticals. Analytical and Bioanalytical Chemistry, 2019, 411, 3037-3046.	3.7	51
6	Optimal experiment design in nonlinear parameter estimation with exact confidence regions. Journal of Process Control, 2019, 83, 187-195.	3.3	6
7	Start-up and Shut-down Conditions for Iterative Real-Time Optimization Methods. , 2019, , .		1
8	Active Perturbation in Modifier Adaptation for Real Time Optimization to Cope with Measurement Delays – The research leading to these results has received funding from the European Unions Horizon 2020 research and innovation program under grant agreement number 636942 – “CONSENS” Integrated Control and Sensing. IFAC-PapersOnLine, 2018, 51, 124-129.	0.9	1
9	Effective recursive parallelotopic bounding for robust output-feedback control. IFAC-PapersOnLine, 2018, 51, 1032-1037.	0.9	6
10	Active Perturbations Around Estimated Future Inputs in Modifier Adaptation to Cope with Measurement Delays. IFAC-PapersOnLine, 2018, 51, 839-844.	0.9	1
11	Model-based design of optimal experiments for nonlinear systems in the context of guaranteed parameter estimation. Computers and Chemical Engineering, 2017, 99, 198-213.	3.8	40
12	Model-Based Optimal Experiment Design for Nonlinear Parameter Estimation Using Exact Confidence Regions * This research was funded by the European Commission under grant agreement number 291458 (ERC Advanced Investigator Grant MOBOCON). IFAC-PapersOnLine, 2017, 50, 13760-13765.	0.9	2
13	Robust model-based design of experiments for guaranteed parameter estimation. Computer Aided Chemical Engineering, 2017, 40, 1639-1644.	0.5	2
14	Optimal dynamic experiment design for guaranteed parameter estimation**Acknowledgement: The research leading to these results has received funding from the European Commission under grant agreement number 291458 (MOBOCON). We are grateful to the anonymous reviewer for comments that helped improving the quality of the paper.. Computer Aided Chemical Engineering, 2016, 38, 757-762.	0.5	0
15	Optimal design of dynamic experiments for guaranteed parameter estimation. , 2016, , .		3