

Anwesh Reddy Gottu Mukkula

List of Publications by Year in descending order

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15
papers

122
citations

1937685

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1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible automation with compact NMR spectroscopy for continuous production of pharmaceuticals. Analytical and Bioanalytical Chemistry, 2019, 411, 3037-3046.	3.7	51
2	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
3	Effective recursive parallelotopic bounding for robust output-feedback control. IFAC-PapersOnLine, 2018, 51, 1032-1037.	0.9	6
4	Optimal experiment design in nonlinear parameter estimation with exact confidence regions. Journal of Process Control, 2019, 83, 187-195.	3.3	6
5	Robust multi-stage model-based design of optimal experiments for nonlinear estimation. Computers and Chemical Engineering, 2021, 155, 107499.	3.8	6
6	Optimal design of dynamic experiments for guaranteed parameter estimation. , 2016, , .		3
7	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
8	Robust model-based design of experiments for guaranteed parameter estimation. Computer Aided Chemical Engineering, 2017, 40, 1639-1644.	0.5	2
9	Experimental Real Time Optimization of a Continuous Membrane Separation Plant. IFAC-PapersOnLine, 2020, 53, 11786-11793.	0.9	2
10	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
11	Active Perturbations Around Estimated Future Inputs in Modifier Adaptation to Cope with Measurement Delays. IFAC-PapersOnLine, 2018, 51, 839-844.	0.9	1
12	Start-up and Shut-down Conditions for Iterative Real-Time Optimization Methods. , 2019, , .		1
13	Handling Measurement Delay in Iterative Real-Time Optimization Methods. Processes, 2021, 9, 1800.	2.8	1
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	Model Adaptation with Quadratic Approximation in Iterative Real-Time Optimization. , 2019, , .		0