Abhinav Garg

List of Publications by Year
in descending order

15 papers	**129** citations	1478505 **6** h-index	1281871 **11** g-index
15 all docs	**15** docs citations	**15** times ranked	**121** citing authors

#	Article	IF	Citations
1	Design and application of data driven economic model predictive control for a rotational molding process. Computers and Chemical Engineering, 2022, 161, 107713.	3.8	4
2	Data-Driven Advances in Manufacturing for Batch Polymer Processing Using Multivariate Nondestructive Monitoring. Industrial & Engineering Chemistry Research, 2019, 58, 9940-9951.	3.7	11
3	Handling Constraints and Raw Material Variability in Rotomolding through Data-Driven Model Predictive Control. Processes, 2019, 7, 610.	2.8	6
4	Data-Driven Control of Rotational Molding Process. , 2019, , .		0
5	Model predictive control of uni-axial rotational molding process. Computers and Chemical Engineering, 2019, 121, 306-316.	3.8	13
6	Modeling and Control of Batch Processes. Advances in Industrial Control, 2019, , .	0.5	6
7	Subspace-Based Model Identification of a Hydrogen Plant Startup Dynamics. Advances in Industrial Control, 2019, , 321-335.	0.5	0
8	Metrics for Interaction Assessment in Multivariable Control Systems Using Directional Analysis. Industrial & Engineering Chemistry Research, 2018, 57, 967-979.	3.7	12
9	Utilizing big data for batch process modeling and control. Computers and Electrical Engineering, 2018, 72, 237-247.	4.8	1
10	Utilizing big data for batch process modeling and control. Computers and Chemical Engineering, 2018, 119, 228-236.	3.8	21
11	Subspace Identification-Based Modeling and Control of Batch Particulate Processes. Industrial & Engineering Chemistry Research, 2017, 56, 7491-7502.	3.7	30
12	Subspace-based model identification of a hydrogen plant startup dynamics. Computers and Chemical Engineering, 2017, 106, 183-190.	3.8	18
13	Development of a high fidelity and subspace identification model of a hydrogen plant startup dynamics. , 2017, , .		0
14	Subspace identification and predictive control of batch particulate processes. , 2017, , .		2
15	Interaction assessment in multivariable control systems through causality analysis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 585-592.	0.4	5