Hyun-Kyu Choi

List of Publications by Year
in descending order

12 papers	266 citations	1040056 9 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	125 citing authors

#	Article	IF	Citations
1	Hybrid Koopman model predictive control of nonlinear systems using multiple EDMD models: An application to a batch pulp digester with feed fluctuation. Control Engineering Practice, 2022, 118, 104956.	5.5	35
2	Multiscale modeling of fiber deformation: Application to a batch pulp digester for model predictive control of fiber strength. Computers and Chemical Engineering, 2022, 158, 107640.	3.8	7
3	Inferential Model Predictive Control of Continuous Pulping under Grade Transition. Industrial & Engineering Chemistry Research, 2021, 60, 3699-3710.	3.7	21
4	Application of offset‐free Koopman‐based model predictive control to a batch pulp digester. AICHE Journal, 2021, 67, e17301.	3.6	27
5	Multiscale modeling and predictive control of cellulose accessibility in alkaline pretreatment for enhanced glucose yield. Fuel, 2020, 280, 118546.	6.4	10
6	Multiscale modeling and control of pulp digester under fiber-to-fiber heterogeneity. Computers and Chemical Engineering, 2020, 143, 107117.	3.8	30
7	Multiscale modeling and control of fiber length in pulp digester. , 2020, , .		2
8	Multiscale modeling and multiobjective control of wood fiber morphology in batch pulp digester. AICHE Journal, 2020, 66, e16972.	3.6	38
9	Modeling and control of cell wall thickness in batch delignification. Computers and Chemical Engineering, 2019, 128, 512-523.	3.8	38
10	The influence of heteromultivalency on lectin‐glycan binding behavior. Glycobiology, 2019, 29, 397-408.	2.5	17
11	Multiscale modeling and control of Kappa number and porosity in a batch‐type pulp digester. AICHE Journal, 2019, 65, e16589.	3.6	41
12	Multiscale modeling and model-based feedback control of pulp digester. , 2019, , .		0