

Runda Jia

List of Publications by Year in descending order

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23
papers

232
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933447

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times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Final quality prediction method for new batch processes based on improved JYKPLS process transfer model. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018, 183, 1-10.	3.5	25
2	Batch-to-batch control of particle size distribution in cobalt oxalate synthesis process based on hybrid model. <i>Powder Technology</i> , 2012, 224, 253-259.	4.2	23
3	Transfer learning for end-product quality prediction of batch processes using domain-adaption joint-Y PLS. <i>Computers and Chemical Engineering</i> , 2020, 140, 106943.	3.8	23
4	Batch-to-batch optimization of cobalt oxalate synthesis process using modifier-adaptation strategy with latent variable model. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 140, 73-85.	3.5	21
5	Self-correcting modifier-adaptation strategy for batch-to-batch optimization based on batch-wise unfolded PLS model. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 1770-1782.	1.7	16
6	Multi-stage economic model predictive control for a gold cyanidation leaching process under uncertainty. <i>AIChE Journal</i> , 2021, 67, .	3.6	14
7	Self-tuning final product quality control of batch processes using kernel latent variable model. <i>Chemical Engineering Research and Design</i> , 2015, 94, 119-130.	5.6	13
8	Data-driven-based self-healing control of abnormal feeding conditions in thickening-dewatering process. <i>Minerals Engineering</i> , 2020, 146, 106141.	4.3	13
9	Sequential and Orthogonalized Partial Least-Squares Model Based Real-Time Final Quality Control Strategy for Batch Processes. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5654-5669.	3.7	11
10	Transfer learning for nonlinear batch process operation optimization. <i>Journal of Process Control</i> , 2021, 101, 11-23.	3.3	11
11	Comparison of Alternative Strategies Estimating the Kinetic Reaction Rate of the Gold Cyanidation Leaching Process. <i>ACS Omega</i> , 2019, 4, 19880-19894.	3.5	9
12	Nonlinear soft sensor development for industrial thickeners using domain transfer functional-link neural network. <i>Control Engineering Practice</i> , 2021, 113, 104853.	5.5	9
13	Plant-wide hierarchical optimization based on a minimum consumption model. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 1158-1166.	1.7	8
14	Rapid Modeling Method for Performance Prediction of Centrifugal Compressor Based on Model Migration and SVM. <i>IEEE Access</i> , 2017, 5, 21488-21496.	4.2	8
15	Hierarchical batch-to-batch optimization of cobalt oxalate synthesis process based on data-driven model. <i>Chemical Engineering Research and Design</i> , 2019, 144, 185-197.	5.6	7
16	Combining just-in-time modelling and batch-wise unfolded PLS model for the derivative-free batch-to-batch optimization. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 1156-1167.	1.7	6
17	A process transfer model-based optimal compensation control strategy for batch process using just-in-time learning and trust region method. <i>Journal of the Franklin Institute</i> , 2021, 358, 606-632.	3.4	6
18	Data-Driven Robust Optimization Based on Principle Component Analysis and Cutting Plane Methods. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 2167-2182.	3.7	5

#	ARTICLE	IF	CITATIONS
19	A nonlinear robust partial least squares method with application. , 2010, , .		2
20	Integrated operation optimization strategy for batch process based on process transfer model under disturbance. Canadian Journal of Chemical Engineering, 2023, 101, 368-379.	1.7	2
21	Adaptive multi-LSSVR based soft sensing for cobalt oxalate synthesis process. , 2011, , .		0
22	Robust PLS model based product quality control strategy for solvent extraction process. , 2013, , .		0
23	Data-Driven Nonlinear Robust Optimization for Gold Cyanidation Leaching Process. , 2021, , .		0