

Runda Jia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6504341/publications.pdf>

Version: 2024-02-01

23
papers

232
citations

933447

10
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Data-Driven Robust Optimization Based on Principle Component Analysis and Cutting Plane Methods. Industrial & Engineering Chemistry Research, 2022, 61, 2167-2182.	3.7	5
3	A process transfer model-based optimal compensation control strategy for batch process using just-in-time learning and trust region method. Journal of the Franklin Institute, 2021, 358, 606-632.	3.4	6
4	Multi-stage economic model predictive control for a gold cyanidation leaching process under uncertainty. AIChE Journal, 2021, 67, .	3.6	14
5	Transfer learning for nonlinear batch process operation optimization. Journal of Process Control, 2021, 101, 11-23.	3.3	11
6	Nonlinear soft sensor development for industrial thickeners using domain transfer functional-link neural network. Control Engineering Practice, 2021, 113, 104853.	5.5	9
7	Data-Driven Nonlinear Robust Optimization for Gold Cyanidation Leaching Process. , 2021, , .		0
8	Data-driven-based self-healing control of abnormal feeding conditions in thickening"dewatering process. Minerals Engineering, 2020, 146, 106141.	4.3	13
9	Transfer learning for end-product quality prediction of batch processes using domain-adaption joint-Y PLS. Computers and Chemical Engineering, 2020, 140, 106943.	3.8	23
10	Hierarchical batch-to-batch optimization of cobalt oxalate synthesis process based on data-driven model. Chemical Engineering Research and Design, 2019, 144, 185-197.	5.6	7
11	Comparison of Alternative Strategies Estimating the Kinetic Reaction Rate of the Gold Cyanidation Leaching Process. ACS Omega, 2019, 4, 19880-19894.	3.5	9
12	Combining just-in-time modelling and batch-wise unfolded PLS model for the derivative-free batch-to-batch optimization. Canadian Journal of Chemical Engineering, 2018, 96, 1156-1167.	1.7	6
13	Final quality prediction method for new batch processes based on improved JYKPLS process transfer model. Chemometrics and Intelligent Laboratory Systems, 2018, 183, 1-10.	3.5	25
14	Rapid Modeling Method for Performance Prediction of Centrifugal Compressor Based on Model Migration and SVM. IEEE Access, 2017, 5, 21488-21496.	4.2	8
15	Self-correcting modifier-adaptation strategy for batch-to-batch optimization based on batch-wise unfolded PLS model. Canadian Journal of Chemical Engineering, 2016, 94, 1770-1782.	1.7	16
16	Plant-wide hierarchical optimization based on a minimum consumption model. Canadian Journal of Chemical Engineering, 2016, 94, 1158-1166.	1.7	8
17	Sequential and Orthogonalized Partial Least-Squares Model Based Real-Time Final Quality Control Strategy for Batch Processes. Industrial & Engineering Chemistry Research, 2016, 55, 5654-5669.	3.7	11
18	Self-tuning final product quality control of batch processes using kernel latent variable model. Chemical Engineering Research and Design, 2015, 94, 119-130.	5.6	13

#	ARTICLE	IF	CITATIONS
19	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
20	Robust PLS model based product quality control strategy for solvent extraction process. , 2013, , .		0
21	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
22	Adaptive multi-LSSVR based soft sensing for cobalt oxalate synthesis process. , 2011, , .		0
23	A nonlinear robust partial least squares method with application. , 2010, , .		2