

# Lingjian Ye

## List of Publications by Year in descending order

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29  
papers

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citations

687363

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Quality-Driven Regularization for Deep Learning Networks and Its Application to Industrial Soft Sensors. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2024, PP, 1-11.	11.3	42
2	Dynamic Process Monitoring Based on Variational Bayesian Canonical Variate Analysis. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 2412-2422.	9.3	17
3	A SIA-LSTM based virtual metrology for quality variables in irregular sampled time sequence of industrial processes. <i>Chemical Engineering Science</i> , 2022, 249, 117299.	3.8	22
4	Global self-optimizing control with active-set changes: A polynomial chaos approach. <i>Computers and Chemical Engineering</i> , 2022, 159, 107662.	3.8	8
5	Design of hybrid batch-to-batch and within-batch self-optimizing control structures for batch processes. <i>Journal of Process Control</i> , 2022, 113, 1-17.	3.3	5
6	Nonlinear Dynamic Soft Sensor Development with a Supervised Hybrid CNN-LSTM Network for Industrial Processes. <i>ACS Omega</i> , 2022, 7, 16653-16664.	3.5	10
7	Improved Mahalanobis Distance Based JITL-LSTM Soft Sensor for Multiphase Batch Processes. <i>IEEE Access</i> , 2021, 9, 72172-72182.	4.2	12
8	Fault Classification of Industrial Processes based on Generalized Zero-Shot Learning. , 2021, , .		7
9	Quality Variable Prediction for Nonlinear Dynamic Industrial Processes Based on Temporal Convolutional Networks. <i>IEEE Sensors Journal</i> , 2021, 21, 20493-20503.	4.7	30
10	Deep Learning for Data Modeling of Multirate Quality Variables in Industrial Processes. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-11.	4.7	15
11	Online Adaptive Modeling Framework for Deep Belief Network-Based Quality Prediction in Industrial Processes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 15208-15218.	3.7	15
12	Quality-Relevant Monitoring of Batch Processes Based on Stochastic Programming with Multiple Output Modes. <i>Processes</i> , 2020, 8, 164.	2.8	5
13	Online local modeling and prediction of batch process trajectories using just-in-time learning and LSTM neural network. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2020, 20, 715-726.	0.2	1
14	An active approach to space-reduced NCO tracking and output feedback optimizing control for batch processes with parametric uncertainty. <i>Journal of Process Control</i> , 2020, 89, 30-44.	3.3	6
15	Estimation-Based Quadratic Iterative Learning Control for Trajectory Tracking of Robotic Manipulator With Uncertain Parameters. <i>IEEE Access</i> , 2020, 8, 43122-43133.	4.2	11
16	LSTM Soft Sensor Development of Batch Processes With Multivariate Trajectory-Based Ensemble Just-in-Time Learning. <i>IEEE Access</i> , 2020, 8, 73855-73864.	4.2	17
17	Feedback Control Based Optimization of Batch Processes in the Reduced Space. , 2020, , .		0
18	Accelerated Kernel Canonical Correlation Analysis with Fault Relevance for Nonlinear Process Fault Isolation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 18280-18291.	3.7	16

#	ARTICLE	IF	CITATIONS
19	Economic operation of a fluid catalytic cracking process using self-optimizing control and reconfiguration. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 104-113.	5.3	18
20	On an Aspect of Implementing Real-Time Optimization: Establishing the Suspending and Activating Conditions Incorporating Process Monitoring. <i>IFAC-PapersOnLine</i> , 2018, 51, 79-84.	0.9	3
21	Dynamic self-optimizing control for unconstrained batch processes. <i>Computers and Chemical Engineering</i> , 2018, 117, 451-468.	3.8	11
22	Real-Time Optimization of Gold Cyanidation Leaching Process in a Two-Layer Control Architecture Integrating Self-Optimizing Control and Modifier Adaptation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 4002-4016.	3.7	18
23	Retrofit Self-Optimizing Control: A Step Forward Toward Real Implementation. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 4662-4670.	7.9	10
24	Run-time optimization of batch processes with self-optimizing control strategy. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 724-736.	1.7	13
25	Global Self-Optimizing Control for Uncertain Constrained Process Systems * *The author L. Ye gratefully acknowledge the National Natural Science Foundation of China (NSFC) (61673349, 61304081), Ningbo Natural Science Foundation (2015A610151) and China Scholarship Council (No. 201508330751). <i>IFAC-PapersOnLine</i> , 2017, 50, 4672-4677.	0.9	9
26	Global Approximation of Self-Optimizing Controlled Variables with Average Loss Minimization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 12040-12053.	3.7	39
27	A Novel Hierarchical Control Structure with Controlled Variable Adaptation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 14695-14711.	3.7	24
28	A Non-optimality Detection Technique for Continuous Processes. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 7616-7621.	0.4	1
29	Approximating Necessary Conditions of Optimality as Controlled Variables. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 798-808.	3.7	52