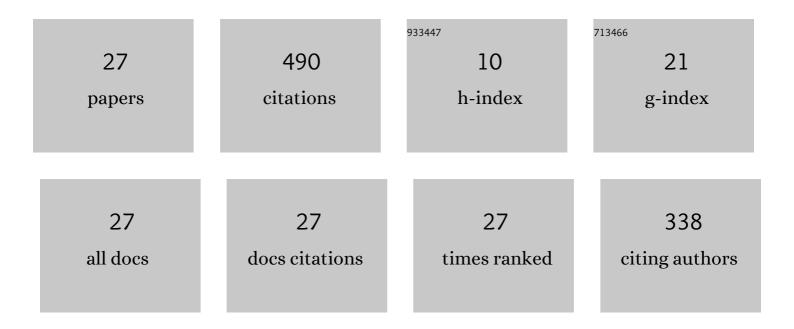
Le Zhou

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Multimode Process Monitoring Based on Switching Autoregressive Dynamic Latent Variable Model. IEEE Transactions on Industrial Electronics, 2018, 65, 8184-8194. | 7.9 | 87 |
| 2 | Autoregressive Dynamic Latent Variable Models for Process Monitoring. IEEE Transactions on Control Systems Technology, 2017, 25, 366-373. | 5.2 | 79 |
| 3 | Large-scale plant-wide process modeling and hierarchical monitoring: A distributed Bayesian network approach. Journal of Process Control, 2018, 65, 91-106. | 3.3 | 73 |
| 4 | Semi-supervised PLVR models for process monitoring with unequal sample sizes of process variables and quality variables. Journal of Process Control, 2015, 26, 1-16. | 3.3 | 42 |
| 5 | Multirate Factor Analysis Models for Fault Detection in Multirate Processes. IEEE Transactions on Industrial Informatics, 2019, 15, 4076-4085. | 11.3 | 39 |
| 6 | Multirate Dynamic Process Monitoring Based on Multirate Linear Gaussian State-Space Model. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1708-1719. | 5.2 | 29 |
| 7 | Dynamic mutual information similarity based transient process identification and fault detection. Canadian Journal of Chemical Engineering, 2018, 96, 1541-1558. | 1.7 | 20 |
| 8 | Dynamic Process Monitoring Based on Variational Bayesian Canonical Variate Analysis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2412-2422. | 9.3 | 17 |
| 9 | Multiple probability principal component analysis for process monitoring with multi-rate measurements. Journal of the Taiwan Institute of Chemical Engineers, 2019, 96, 18-28. | 5.3 | 15 |
| 10 | Kernel Generalization of Multi-Rate Probabilistic Principal Component Analysis for Fault Detection in Nonlinear Process. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1465-1476. | 13.1 | 14 |
| 11 | A multi-scale prediction model based on empirical mode decomposition and chaos theory for industrial melt index prediction. Chemometrics and Intelligent Laboratory Systems, 2019, 186, 23-32. | 3.5 | 13 |
| 12 | Soft Sensor Development Based on Quality-Relevant Slow Feature Analysis and Bayesian Regression with Application to Propylene Polymerization. Journal of Sensors, 2021, 2021, 1-10. | 1.1 | 13 |
| 13 | Multi-rate principal component regression model for soft sensor application in industrial processes. Science China Information Sciences, 2020, 63, 1. | 4.3 | 10 |
| 14 | Novel poly(2-oxazoline)s with pendant <scp>l</scp> -prolinamide moieties as efficient organocatalysts for direct asymmetric aldol reaction. Catalysis Science and Technology, 2016, 6, 6739-6749. | 4.1 | 9 |
| 15 | Multiple Fault Detection Using Multi-rate Probability Principal Component Analysis Models. IFAC-PapersOnLine, 2017, 50, 14752-14757. | 0.9 | 7 |
| 16 | Defect Detection in Composite Products Based on Sparse Moving Window Principal Component Thermography. Advances in Polymer Technology, 2020, 2020, 1-12. | 1.7 | 7 |
| 17 | Nondestructive detection and analysis based on data enhanced thermography. Measurement Science and Technology, 2022, 33, 064006. | 2.6 | 5 |
| 18 | Prediction and Uncertainty Propagation for Completion Time of Batch Processes Based on Data-Driven Modeling. Industrial & Engineering Chemistry Research, 2020, 59, 14374-14384. | 3.7 | 4 |

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| # | Article | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Sparse Structural Principal Component Thermography for Defect Signal Enhancement in Subsurface Defects Detection of Composite Materials. Journal of Nondestructive Evaluation, 2022, 41, 1. | 2.4 | 3 |
| 20 | A Novel Dynamic Baysian Canonical Correlation Analysis Method for Fault Detection. IFAC-PapersOnLine, 2020, 53, 13707-13712. | 0.9 | 2 |
| 21 | Segmenting the Semi-Conductive Shielding Layer of Cable Slice Images Using the Convolutional Neural Network. Polymers, 2020, 12, 2085. | 4.5 | 1 |
| 22 | Difference of Gaussian Convolutional Sparse Principal Component Thermography for Defect Signal Enhance in Composite Materials. , 2021, , . | | 1 |
| 23 | Switching autoregressive dynamic latent variable model for fault detection in multimode processes. , 2017, , . | | 0 |
| 24 | Dynamic Processes Modeling and Monitoring based on a Novel Dynamic Latent Variable Model. , 2019, , . | | 0 |
| 25 | Data-Driven Predictive Model Based on Locally Weighted Bayesian Gaussian Regression. , 2019, , . | | 0 |
| 26 | Enhanced Fault Detection Using Deviation Degree Penalty with Stacked Autoencoder in Industry Process. , 2020, , . | | 0 |
| 27 | Supervised Dynamic Latent Variable Models for Fault Identification in Dynamic Processes. , 2021, , . | | 0 |