

Fei Chu

List of Publications by Year in descending order

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322
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Weighted Broad Learning System and Its Application in Nonlinear Industrial Process Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3017-3031. | 11.3 | 67 |
| 2 | Performance modeling of centrifugal compressor using kernel partial least squares. Applied Thermal Engineering, 2012, 44, 90-99. | 6.0 | 38 |
| 3 | Adaptive Fuzzy Output-Feedback Tracking Control for a Class of Switched Stochastic Nonlinear Time-Delay Systems. Circuits, Systems, and Signal Processing, 2016, 35, 2762-2788. | 2.0 | 28 |
| 4 | Robust Regularized Random Vector Functional Link Network and Its Industrial Application. IEEE Access, 2017, 5, 16162-16172. | 4.2 | 25 |
| 5 | 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 |
| 6 | Transfer learning for batch process optimal control using LV-PTM and adaptive control strategy. Journal of Process Control, 2019, 81, 197-208. | 3.3 | 19 |
| 7 | A model for parameter estimation of multistage centrifugal compressor and compressor performance analysis using genetic algorithm. Science China Technological Sciences, 2012, 55, 3163-3175. | 4.0 | 17 |
| 8 | A hybrid artificial neural networkâ€™mechanistic model for centrifugal compressor. Neural Computing and Applications, 2014, 24, 1259-1268. | 5.6 | 13 |
| 9 | Transfer learning for nonlinear batch process operation optimization. Journal of Process Control, 2021, 101, 11-23. | 3.3 | 11 |
| 10 | Soft sensor for cobalt oxalate synthesis process in cobalt hydrometallurgy based on hybrid model. Neural Computing and Applications, 2013, 23, 1465-1472. | 5.6 | 8 |
| 11 | Rapid Modeling Method for Performance Prediction of Centrifugal Compressor Based on Model Migration and SVM. IEEE Access, 2017, 5, 21488-21496. | 4.2 | 8 |
| 12 | Configurable Platform for Optimal-Setting Control of Grinding Processes. IEEE Access, 2017, 5, 26722-26733. | 4.2 | 8 |
| 13 | Improved fast model migration method for centrifugal compressor based on bayesian algorithm and Gaussian process model. Science China Technological Sciences, 2018, 61, 1950-1958. | 4.0 | 7 |
| 14 | A new domain adaption algorithm based on weights adaption from the source domain. IEEE Transactions on Electrical and Electronic Engineering, 2018, 13, 1769-1776. | 1.4 | 7 |
| 15 | 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 |
| 16 | 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 |
| 17 | Novel robust approach for constructing Mamdani-type fuzzy system based on PRM and subtractive clustering algorithm. Journal of Central South University, 2015, 22, 2620-2628. | 3.0 | 5 |
| 18 | Soft Sensor Model Development for Cobalt Oxalate Synthesis Process Based on Adaptive Gaussian Mixture Regression. IEEE Access, 2019, 7, 118749-118763. | 4.2 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Data-Driven Robust Optimization Based on Principle Component Analysis and Cutting Plane Methods. Industrial & Engineering Chemistry Research, 2022, 61, 2167-2182. | 3.7 | 5 |
| 20 | A kernel partial least squares method for gas turbine power plant performance prediction. , 2012, , . | | 4 |
| 21 | Frequency-Domain Energy-Concentrated Synchrosqueezing Transform for Frequency-Varying Signal With Linear Group Delay. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-15. | 4.7 | 4 |
| 22 | A Multiprocess Joint Modeling Method for Performance Prediction of Nonlinear Industrial Processes Based on Multitask Least Squares Support Vector Machine. Industrial & Engineering Chemistry Research, 2022, 61, 1443-1452. | 3.7 | 4 |
| 23 | Latent variable techniques based operating performance assessment for the dense medium coal preparation process. , 2016, , . | | 3 |
| 24 | A dual modifier adaptation optimization strategy based on process transfer model for new batch process. IFAC-PapersOnLine, 2018, 51, 791-796. | 0.9 | 3 |
| 25 | Modeling Method for Performance Prediction of Centrifugal Compressor Based on Broad Learning System. , 2019, , . | | 3 |
| 26 | A Minimum-Cost Modeling Method for Nonlinear Industrial Process Based on Multimodel Migration and Bayesian Model Averaging Method. IEEE Transactions on Automation Science and Engineering, 2020, 17, 947-956. | 5.2 | 3 |
| 27 | 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 |
| 28 | Simple calculation method for the thermodynamic properties of byproduct coal-gas fired by CCGT — A case study. , 2015, , . | | 1 |
| 29 | Data Cleaning for Wind Turbine Systems Based on Iterative learning and Neural Network. , 2021, , . | | 1 |
| 30 | A safe control scheme for the dense medium coal separation process based on Bayesian network and Active Learning. , 2021, , . | | 1 |
| 31 | Software platform for optimal setting control of complex industrial processes. , 2017, , . | | 0 |
| 32 | Prediction of CCPP output based on improved fuzzy analytical hierarchy process. , 2017, , . | | 0 |
| 33 | Random-Matrix Regularized Discriminant Analysis of High-Dimensional Dataset. , 2018, , . | | 0 |
| 34 | Operating Performance Assessment of Plant-Wide Processes Based on Hierarchical Multiblock Performance-Relevant Kernel Independent Component Analysis. , 2021, , . | | 0 |
| 35 | Least Angle Regression Adaptive Incremental Broad Learning System. , 2020, , . | | 0 |