## Benben Jiang

List of Publications by Year in descending order

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1163117 1281871 1,487 14 8 11 citations h-index g-index papers 14 14 14 1462 docs citations times ranked citing authors all docs

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Data-driven prediction of battery cycle life before capacity degradation. Nature Energy, 2019, 4, 383-391.   | 39.5 | 1,237     |
| 2  | A combined canonical variate analysis and Fisher discriminant analysis (CVA–FDA) approach for fault diagnosis. Computers and Chemical Engineering, 2015, 77, 1-9.                | 3.8  | 89        |
| 3  | Fault detection of process correlation structure using canonical variate analysis-based correlation features. Journal of Process Control, 2017, 58, 131-138.                     | 3.3  | 42        |
| 4  | Sparse canonical variate analysis approach for process monitoring. Journal of Process Control, 2018, 71, 90-102.   | 3.3  | 32        |
| 5  | Locality preserving discriminative canonical variate analysis for fault diagnosis. Computers and Chemical Engineering, 2018, 117, 309-319.                                       | 3.8  | 27        |
| 6  | Maximized Mutual Information Analysis Based on Stochastic Representation for Process Monitoring. IEEE Transactions on Industrial Informatics, 2019, 15, 1579-1587.               | 11.3 | 17        |
| 7  | Dynamic Minimax Probability Machine-Based Approach for Fault Diagnosis Using Pairwise Discriminate Analysis. IEEE Transactions on Control Systems Technology, 2019, 27, 806-813. | 5.2  | 17        |
| 8  | Fault Diagnosis in Industrial Processes by Maximizing Pairwise Kullback–Leibler Divergence. IEEE<br>Transactions on Control Systems Technology, 2021, 29, 780-785.               | 5.2  | 10        |
| 9  | Constrained Bayesian Optimization for Minimum-Time Charging of Lithium-Ion Batteries. , 2022, 6, 1682-1687.  |      | 8         |
| 10 | Matrix factorization based instrumental variable approach for simultaneous identification of Bi-directional path models. ISA Transactions, 2018, 79, 73-82.                      | 5.7  | 4         |
| 11 | An Information-Theoretic Framework for Fault Detection Evaluation and Design of Optimal Dimensionality Reduction Methods. IFAC-PapersOnLine, 2018, 51, 1311-1316.                | 0.9  | 2         |
| 12 | Pairwise discriminate analysis based minimax probability machine (PDA-MPM) approach for fault diagnosis. , 2017, , .   |      | 1         |
| 13 | Fault Detection in Industrial Systems Using Maximized Divergence Analysis Approach. IEEE Access, 2022, 10, 60674-60681.  | 4.2  | 1         |
| 14 | Latent variable modeling approach for fault detection and identification of process correlations. Transactions of the Institute of Measurement and Control, 2019, 41, 1740-1749. | 1.7  | 0         |