

Xianchao Xiu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

129
citations

1478505

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19
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-Driven Process Monitoring Using Structured Joint Sparse Canonical Correlation Analysis. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 361-365.	3.0	29
2	Laplacian regularized robust principal component analysis for process monitoring. Journal of Process Control, 2020, 92, 212-219.	3.3	28
3	Fault Detection Using Structured Joint Sparse Nonnegative Matrix Factorization. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	13
4	A Remaining Useful Life Prediction Method in the Early Stage of Stochastic Degradation Process. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2027-2031.	3.0	10
5	A Data-Driven Modeling Method for Stochastic Nonlinear Degradation Process With Application to RUL Estimation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3847-3858.	9.3	10
6	Deep Canonical Correlation Analysis Using Sparsity-Constrained Optimization for Nonlinear Process Monitoring. IEEE Transactions on Industrial Informatics, 2022, 18, 6690-6699.	11.3	9
7	Face recognition based on manifold constrained joint sparse sensing with K-SVD. Multimedia Tools and Applications, 2018, 77, 28863-28883.	3.9	5
8	ManiDec: Manifold Constrained Low-Rank and Sparse Decomposition. IEEE Access, 2019, 7, 112939-112952.	4.2	5
9	Fusion-UDCGAN: Multifocus Image Fusion via a U-Type Densely Connected Generation Adversarial Network. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	5
10	Manifold Constrained Low-Rank and Joint Sparse Learning for Dynamic Cardiac MRI. IEEE Access, 2020, 8, 142622-142631.	4.2	3
11	Manifold constrained joint sparse learning via non-convex regularization. Neurocomputing, 2021, 458, 112-126.	5.9	3
12	A Sparsity-Aware Fault Diagnosis Framework Focusing on Accurate Isolation. IEEE Transactions on Industrial Informatics, 2023, 19, 1356-1365.	11.3	3
13	An Efficient Newton-Based Method for Sparse Generalized Canonical Correlation Analysis. IEEE Signal Processing Letters, 2022, 29, 125-129.	3.6	2
14	Toward Efficient Process Monitoring Using Spatiotemporal PCA. IEEE Transactions on Circuits and Systems II: Express Briefs, 2023, 70, 551-555.	3.0	2
15	Battery State of Charge Estimation Using Long Short-Term Memory Network and Extended Kalman Filter. , 2020, , .		1
16	A novel scheme for multivariate statistical fault detection with application to the Tennessee Eastman process. Mathematical Foundations of Computing, 2021, 4, 167.	1.1	1
17	Fault Detection Based on Canonical Correlation Analysis with Rank Constrained Optimization. , 2021, , .		0
18	Efficient and Robust Process Monitoring Using Structured Low-Rank Representation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3530-3534.	3.0	0

#	ARTICLE	IF	CITATIONS
19	A Data Driven RUL Prediction and Predictive Maintenance for Stochastic Degrading Systems. , 2021, , .		0