

Jun Shang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7479749/publications.pdf>

Version: 2024-02-01

23
papers

455
citations

687335

13
h-index

752679

20
g-index

23
all docs

23
docs citations

23
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Recursive transformed component statistical analysis for incipient fault detection. Automatica, 2017, 80, 313-327.	5.0	116
2	Recursive Dynamic Transformed Component Statistical Analysis for Fault Detection in Dynamic Processes. IEEE Transactions on Industrial Electronics, 2018, 65, 578-588.	7.9	35
3	Dominant trend based logistic regression for fault diagnosis in nonstationary processes. Control Engineering Practice, 2017, 66, 156-168.	5.5	33
4	Optimal Linear Encryption Against Stealthy Attacks on Remote State Estimation. IEEE Transactions on Automatic Control, 2021, 66, 3592-3607.	5.7	29
5	Principal Component Analysis-Based Ensemble Detector for Incipient Faults in Dynamic Processes. IEEE Transactions on Industrial Informatics, 2021, 17, 5391-5401.	11.3	28
6	Incipient sensor fault diagnosis in multimode processes using conditionally independent Bayesian learning based recursive transformed component statistical analysis. Journal of Process Control, 2019, 77, 7-19.	3.3	25
7	Early Classification of Alarm Floods via Exponentially Attenuated Component Analysis. IEEE Transactions on Industrial Electronics, 2020, 67, 8702-8712.	7.9	24
8	FBM-Based Remaining Useful Life Prediction for Degradation Processes With Long-Range Dependence and Multiple Modes. IEEE Transactions on Reliability, 2019, 68, 1021-1033.	4.6	23
9	Optimal DoS Attack Against LQR Control Channels. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1348-1352.	3.0	22
10	Worst-Case Stealthy Innovation-Based Linear Attacks on Remote State Estimation Under Kullback-Leibler Divergence. IEEE Transactions on Automatic Control, 2022, 67, 6082-6089.	5.7	15
11	Early Classification of Industrial Alarm Floods Based on Semisupervised Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 1845-1853.	11.3	14
12	Nonstationary Process Monitoring for Blast Furnaces Based on Consistent Trend Feature Analysis. IEEE Transactions on Control Systems Technology, 2022, 30, 1257-1267.	5.2	14
13	Stochastic process-based degradation modeling and RUL prediction: from Brownian motion to fractional Brownian motion. Science China Information Sciences, 2021, 64, 1.	4.3	14
14	Worst-Case Stealthy Attacks on Stochastic Event-Based State Estimation. IEEE Transactions on Automatic Control, 2022, 67, 2052-2059.	5.7	12
15	Increment-based recursive transformed component statistical analysis for monitoring blast furnace iron-making processes: An index-switching scheme. Control Engineering Practice, 2018, 77, 190-200.	5.5	11
16	Conditional random field for monitoring multimode processes with stochastic perturbations. Journal of the Franklin Institute, 2020, 357, 8229-8251.	3.4	11
17	Optimal Linear FDI Attacks with Side Information: A Comparative Study. , 2021, , .		8
18	Single-dimensional encryption against innovation-based stealthy attacks on remote state estimation. Automatica, 2022, 136, 110015.	5.0	8

#	ARTICLE	IF	CITATIONS
19	Generic Detectability and Isolability of Topology Failures in Networked Linear Systems. IEEE Transactions on Control of Network Systems, 2021, 8, 500-512.	3.7	7
20	Recursive Spectral Meta-Learner for Online Combining Different Fault Classifiers. IEEE Transactions on Automatic Control, 2018, 63, 586-593.	5.7	4
21	Worst-Case Stealthy False-Data Injection Attacks on Remote State Estimation. , 2021, , .		1
22	Asymmetric Vulnerability of Measurement and Control Channels in Closed-Loop Systems. IEEE Transactions on Control of Network Systems, 2022, 9, 1804-1815.	3.7	1
23	Finite-Horizon Strictly Stealthy Deterministic Attacks on Cyber-Physical Systems. , 2022, 6, 1640-1645.		0