

Farshad Harirchi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

113
citations

1937685

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2053705

5
g-index

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10
docs citations

10
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Guaranteed model-based fault detection in cyber-physical systems: A model invalidation approach. Automatica, 2018, 93, 476-488.	5.0	46
2	Active Model Discrimination with Applications to Fraud Detection in Smart Buildings * **This work is supported in part by an Early Career Faculty grant from NASA's Space Technology Research Grants Program and DARPA grant N66001-14-1-4045.. IFAC-PapersOnLine, 2017, 50, 9527-9534.	0.9	11
3	Implementation of Nonthreaded Estimation for Run-to-Run Control of High Mix Semiconductor Manufacturing. IEEE Transactions on Semiconductor Manufacturing, 2013, 26, 516-528.	1.7	10
4	Model Invalidation for Switched Affine Systems with Applications to Fault and Anomaly Detection**This work is supported in part by DARPA grant N66001-14-1-4045.. IFAC-PapersOnLine, 2015, 48, 260-266.	0.9	10
5	Guaranteed fault detection and isolation for switched affine models. , 2017, , .		10
6	Model (in)validation and fault detection for systems with polynomial state-space models. , 2016, , .		7
7	Optimal Input Design for Affine Model Discrimination with Applications in Intention-Aware Vehicles. , 2018, , .		7
8	Characterizing and resolving unobservability in run-to-run control of high mix semiconductor manufacturing. , 2013, , .		5
9	On the Initialization of Threaded Run-to-Run Control of Semiconductor Manufacturing. IEEE Transactions on Semiconductor Manufacturing, 2014, 27, 515-522.	1.7	4
10	Conflict-driven Hybrid Observer-based Anomaly Detection. , 2018, , .		3