

Denis Berdjag

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

151
citations

1478505

6
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault diagnosis and monitoring of oscillatory failure case in aircraft inertial system. Control Engineering Practice, 2012, 20, 1410-1425.	5.5	44
2	A general fault tolerant linear quadratic control strategy under actuator outages. International Journal of Systems Science, 2010, 41, 971-985.	5.5	37
3	Fault detection and isolation for redundant aircraft sensors. , 2010, , .		14
4	Reducing the Reliability Over-Cost in Reconfiguration-Based Fault Tolerant Control Under Actuator Faults. IEEE Transactions on Automatic Control, 2012, 57, 3181-3186.	5.7	14
5	An evidential network approach to support uncertain multiviewpoint abductive reasoning. Information Sciences, 2013, 253, 110-125.	6.9	14
6	Algebraic approach for model decomposition: Application to fault detection and isolation in discrete-event systems. International Journal of Applied Mathematics and Computer Science, 2011, 21, 109-125.	1.5	7
7	A robust and fault tolerant approach for automatic train stop control system design. IFAC-PapersOnLine, 2017, 50, 8549-8554.	0.9	7
8	Improving train position accuracy in case of wheel jamming faults. IFAC-PapersOnLine, 2018, 51, 25-30.	0.9	4
9	Nonlinear Model Decomposition for Fault Detection and Isolation System Design. , 2006, , .		3
10	An algebraic approach for behavioral model decomposition. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 7393-7398.	0.4	3
11	Robust Estimation for Nonlinear Continuous-Discrete Systems With Missing Outputs: Application to Automatic Train Control. IEEE Transactions on Control Systems Technology, 2022, 30, 1304-1310.	5.2	3
12	Design of sliding mode observer for the estimation of train car positions and in-train forces. IFAC-PapersOnLine, 2021, 54, 98-105.	0.9	1
13	Toward a Distributed Case-Based Reasoning for Human-Machine State Diagnosis: Application to Railway Driver State Analysis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 520-525.	0.4	0
14	Meta-Diagnosis for a Special Class of Cyber-Physical Systems: The Avionics Test Benches. Lecture Notes in Computer Science, 2015, , 635-644.	1.3	0