Mohammed Benbrahim

List of Publications by Year
in descending order

27 papers	98 citations	1937632 4 h-index	2053674 5 g-index
27 all docs	27 docs citations	27 times ranked	72 citing authors

#	Article	IF	Citations
1	Sliding Mode with Time Delay Control for MIMO nonlinear Systems With unknown dynamics. , 2015, , .		26
2	Mathematical formulations for the parallel machine scheduling problem with a single server. International Journal of Production Research, 2021, 59, 6166-6184.	7.5	9
3	Sensor fault detection of quadrotor using nonlinear parity space relations. , 2017, , .		8
4	MIP formulations for identical parallel machine scheduling problem with single server. , 2018, , .		7
5	Control of Uncertain Robot Manipulators using Integral Backstepping and Time Delay Estimation. , 2016, , .		7
6	Sliding Mode with Time Delay Control for Robot Manipulators. Studies in Systems, Decision and Control, 2017, , 135-156.	1.0	6
7	Cloud Robotic: Opening a New Road to the Industry 4.0. Studies in Systems, Decision and Control, 2019, , 1-20.	1.0	5
8	Variable Neighborhood Search for Identical Parallel Machine Scheduling Problem with a Single Server. Lecture Notes in Computer Science, 2020, , 112-125.	1.3	5
9	Robust control under constraints of linear systems with Markovian jumps. International Journal of Control, Automation and Systems, 2016, 14, 1447-1454.	2.7	4
10	Non-singular terminal sliding mode with time delay control for uncertain 2nd order nonlinear systems. , 2017, , .		4
11	Greedy heuristics for identical parallel machine scheduling problem with single server to minimize the makespan. MATEC Web of Conferences, 2018, 200, 00001.	0.2	4
12	Quadrotor fault detection and isolation based on nonlinear analytical redundancy relations. , 2017, , .		3
13	Fault Tolerant Control of Vehicle Lateral Dynamic Using a New Pneumatic Forces Multiple Model. Actuators, 2020, 9, 120.	2.3	3
14	Nonlinear Observer-Based Fault Detection and Isolation for a Manipulator Robot. Studies in Systems, Decision and Control, 2019, , 163-185.	1.0	2
15	New heuristics to minimize makespan for two identical parallel machines with one constraint of unavailability on each machine. , 2015, , .		1
16	A new collaborative approach to solve the gray-sheep users problem in recommender systems. , 2019, , .		1
17	Optimal 3D Kinematic Analysis for Human Lower Limb Rehabilitation. , 2017, , .		1
18	Sensor Fault Detection and Isolation for a Robot Manipulator Based on High-Gain Observers. Advances in Intelligent Systems and Computing, 2019, , 426-435.	0.6	1

#	Article	IF	Citations
19	Robust Adaptive fractional-order sliding mode controller for vehicle longitudinal dynamic. , 2020, , .		1
20	Second order sliding mode with time delay control for uncertain robot manipulators. , 2016, , .		0
21	Optimal posture prediction of human lower limb. , 2017, , .		0
22	Fault Detection and Isolation for Manipulator Robot. , 2018, , .		0
23	Cable-Driven Parallel Robot Modelling for Rehabilitation Use. Studies in Systems, Decision and Control, 2019, , 81-106.	1.0	0
24	Sensor fault detection and isolation for robot manipulator. AIP Conference Proceedings, 2019, , .	0.4	0
25	Improving Collaborative Filtering Approach by Leveraging Opposite Users. Advances in Intelligent Systems and Computing, 2020, , 136-145.	0.6	0
26	New time delay estimation-based virtual decomposition control for n-DoF robot manipulator. IAES International Journal of Robotics and Automation, 2021, 10, 192.	0.3	0
27	Employing opposite ratings users in a new approach to collaborative filtering. Indonesian Journal of Electrical Engineering and Computer Science, 2022, 25, 450.	0.8	0