

Ramdane Hedjar

List of Publications by Year in descending order

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23
papers

191
citations

1307594

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24
all docs

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docs citations

24
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy Logic Navigation and Obstacle Avoidance by a Mobile Robot in an Unknown Dynamic Environment. International Journal of Advanced Robotic Systems, 2013, 10, 37.	2.1	95
2	Real-Time Obstacle Avoidance for a Swarm of Autonomous Mobile Robots. International Journal of Advanced Robotic Systems, 2014, 11, 67.	2.1	17
3	An autonomous stereovision-based navigation system (ASNS) for mobile robots. Intelligent Service Robotics, 2016, 9, 187-205.	2.6	12
4	Robust Altitude Stabilization of VTOL-UAV for Payloads Delivery. IEEE Access, 2019, 7, 73583-73592.	4.2	11
5	Enhancement of mobile robot localization using extended Kalman filter. Advances in Mechanical Engineering, 2016, 8, 168781401668014.	1.6	9
6	An Automatic Collision Avoidance Algorithm for Multiple Marine Surface Vehicles. International Journal of Applied Mathematics and Computer Science, 2019, 29, 759-768.	1.5	9
7	Visual Tracking in Unknown Environments Using Fuzzy Logic and Dead Reckoning. International Journal of Advanced Robotic Systems, 2016, 13, 53.	2.1	8
8	Robot localization using extended kalman filter with infrared sensor. , 2014, , .		7
9	Mobile robot nonlinear feedback control based on Elman neural network observer. Advances in Mechanical Engineering, 2015, 7, 168781401562032.	1.6	6
10	Application of nonlinear rescaling method to model predictive control. International Journal of Control, Automation and Systems, 2010, 8, 762-768.	2.7	3
11	Steady-State Analysis of a Flexible Markovian Queue with Server Breakdowns. Entropy, 2019, 21, 259.	2.2	3
12	Optimal Control of Nonsmooth Production Systems with Deteriorating Items, Stock-Dependent Demand, with or without Backorders. Symmetry, 2019, 11, 183.	2.2	2
13	Robust nonlinear receding horizon control of permanent magnet synchronous machine. , 2010, , .		1
14	Optimal control of a continuous-review integrated production — Forecasting system with stock-dependent demand and deteriorating items. , 2011, , .		1
15	Model predictive control for continuous linear systems with state inequality constraints. , 2013, , .		1
16	Model predictive production planning in a three-stock reverse-logistics system with deteriorating items. International Journal of Systems Science: Operations and Logistics, 2015, 2, 187-198.	3.0	1
17	Entropy Analysis of a Flexible Markovian Queue with Server Breakdowns. Entropy, 2020, 22, 979.	2.2	1
18	Approximate Quadratic Programming Algorithm for Nonlinear Model Predictive Tracking Control of a Wheeled Mobile Robot. IEEE Access, 2022, 10, 65067-65079.	4.2	1

#	ARTICLE	IF	CITATIONS
19	Comparative Study of Two Localization Approaches for Mobile Robots in an Indoor Environment. Journal of Robotics, 2022, 2022, 1-13.	0.9	1
20	Comparison Study Of Deep-Learning Architectures For Classification of Thoracic Pathology. , 2022, , .		1
21	Comparison Study of Traffic Signs Recognition Using Deep Learning Architectures. , 2022, , .		1
22	Model Predictive Control of the Harvesting Effort of a Sustainable Seafood with a Nonlinear State Equation. Mathematical Problems in Engineering, 2019, 2019, 1-7.	1.1	0
23	Entropy maximization for the busy period of a single server queue. Communications in Statistics - Theory and Methods, 0, , 1-11.	1.0	0