

Marcel Menner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8763672/publications.pdf>

Version: 2024-02-01

14
papers

476
citations

1478505

6
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Auto-Tuning of Controller and Online Trajectory Planner for Legged Robots. IEEE Robotics and Automation Letters, 2022, 7, 7802-7809.	5.1	5
2	Inverse Learning for Data-Driven Calibration of Model-Based Statistical Path Planning. IEEE Transactions on Intelligent Vehicles, 2021, 6, 131-145.	12.7	16
3	Constrained Inverse Optimal Control With Application to a Human Manipulation Task. IEEE Transactions on Control Systems Technology, 2021, 29, 826-834.	5.2	24
4	Interaction-Aware Motion Prediction for Autonomous Driving: A Multiple Model Kalman Filtering Scheme. IEEE Robotics and Automation Letters, 2021, 6, 80-87.	5.1	41
5	Knee Compliance Reduces Peak Swing Phase Collision Forces in a Lower-Limb Exoskeleton Leg: A Test Bench Evaluation. IEEE Transactions on Biomedical Engineering, 2021, 68, 535-544.	4.2	6
6	Data-Driven Investigation of Gait Patterns in Individuals Affected by Normal Pressure Hydrocephalus. Sensors, 2021, 21, 6451.	3.8	6
7	A Kalman Filter for Online Calibration of Optimal Controllers. , 2021, , .		2
8	Learning-Based Model Predictive Control: Toward Safe Learning in Control. Annual Review of Control, Robotics, and Autonomous Systems, 2020, 3, 269-296.	11.8	335
9	Using Human Ratings for Feedback Control: A Supervised Learning Approach With Application to Rehabilitation Robotics. IEEE Transactions on Robotics, 2020, 36, 789-801.	10.3	7
10	Maximum Likelihood Methods for Inverse Learning of Optimal Controllers. IFAC-PapersOnLine, 2020, 53, 5266-5272.	0.9	9
11	Inverse Learning for Human-Adaptive Motion Planning. , 2019, , .		7
12	Analytical integration of 0th, 2nd, and 4th order polynomial filtering functions on unstructured grid for dispersed phase fraction computation in an Euler-Lagrange approach. International Journal of Multiphase Flow, 2018, 98, 147-157.	3.4	0
13	Convex Formulations and Algebraic Solutions for Linear Quadratic Inverse Optimal Control Problems. , 2018, , .		14
14	Robust Design of Adaptive Output Feedback Controllers for Direct Feedthrough Systems. Journal of Guidance, Control, and Dynamics, 2018, 41, 1919-1928.	2.8	4