

Bowen Weng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9981632/publications.pdf>

Version: 2024-02-01

10
papers

97
citations

2258059

3
h-index

2272923

4
g-index

10
all docs

10
docs citations

10
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Feedback Motion Policy Design Using Reinforcement Learning on a 3D Digit Bipedal Robot. , 2021, , .		26
2	Hybrid Zero Dynamics Inspired Feedback Control Policy Design for 3D Bipedal Locomotion using Reinforcement Learning. , 2020, , .		24
3	Towards Guaranteed Safety Assurance of Automated Driving Systems With Scenario Sampling: An Invariant Set Perspective. IEEE Transactions on Intelligent Vehicles, 2022, 7, 638-651.	12.7	12
4	Reinforcement Learning-Based Cascade Motion Policy Design for Robust 3D Bipedal Locomotion. IEEE Access, 2022, 10, 20135-20148.	4.2	10
5	Reinforcement Learning Meets Hybrid Zero Dynamics: A Case Study for RABBIT. , 2019, , .		8
6	A Modeled Approach for Online Adversarial Test of Operational Vehicle Safety. , 2021, , .		5
7	Velocity Regulation of 3D Bipedal Walking Robots with Uncertain Dynamics Through Adaptive Neural Network Controller. , 2020, , .		5
8	A Formal Characterization of Black-Box System Safety Performance With Scenario Sampling. IEEE Robotics and Automation Letters, 2022, 7, 199-206.	5.1	4
9	A Finite-Sampling, Operational Domain Specific, and Provably Unbiased Connected and Automated Vehicle Safety Metric. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 6650-6662.	8.0	3
10	On the Convergence of Multi-robot Constrained Navigation: A Parametric Control Lyapunov Function Approach. , 2022, , .		0