

Yue Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10577054/publications.pdf>

Version: 2024-02-01

10
papers

160
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Obstacle avoidance and motion planning scheme for a hexapod robot Octopus-III. <i>Robotics and Autonomous Systems</i> , 2018, 103, 199-212.	5.1	54
2	Novel method for preventing shin-collisions in six-legged robots by utilising a robot's terrain interference model. <i>Mechanism and Machine Theory</i> , 2020, 151, 103897.	4.5	20
3	Novel method of gait switching in six-legged robot walking on continuous-nondifferentiable terrain by utilizing stability and interference criteria. <i>Science China Technological Sciences</i> , 2020, 63, 2527-2540.	4.0	18
4	Obstacle avoidance for a hexapod robot in unknown environment. <i>Science China Technological Sciences</i> , 2017, 60, 818-831.	4.0	15
5	Terrain classification and adaptive locomotion for a hexapod robot Qingzhui. <i>Frontiers of Mechanical Engineering</i> , 2021, 16, 271-284.	4.3	15
6	Mechanism design and workspace analysis of a hexapod robot. <i>Mechanism and Machine Theory</i> , 2022, 174, 104917.	4.5	12
7	Staircase-climbing capability-based dimension design of a hexapod robot. <i>Mechanism and Machine Theory</i> , 2021, 164, 104400.	4.5	10
8	Peg-in-Hole Assembly Based on Six-Legged Robots with Visual Detecting and Force Sensing. <i>Sensors</i> , 2020, 20, 2861.	3.8	7
9	A real-time low-computation cost human-following framework in outdoor environment for legged robots. <i>Robotics and Autonomous Systems</i> , 2021, 146, 103899.	5.1	6
10	Stair Climbing Capability-Based Dimensional Synthesis for the Multi-legged Robot. , 2021, , .		3