

Ali Zamani

List of Publications by Year in descending order

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10
papers

76
citations

1937685

4
h-index

2053705

5
g-index

10
all docs

10
docs citations

10
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Control Policies for a Large Region of Attraction for Dynamically Balancing Legged Robots: A Sampling-Based Approach. <i>Robotica</i> , 2021, 39, 107-122.	1.9	5
2	Feedback motion planning of legged robots by composing orbital Lyapunov functions using rapidly-exploring random trees. , 2019, , .		6
3	Control Synergies for Rapid Stabilization and Enlarged Region of Attraction for a Model of Hopping. <i>Biomimetics</i> , 2018, 3, 25.	3.3	11
4	Switching between Limit Cycles in a Model of Running Using Exponentially Stabilizing Discrete Control Lyapunov Function. , 2018, , .		10
5	Stable bipedal walking with a swing-leg protraction strategy. <i>Journal of Biomechanics</i> , 2017, 51, 123-127.	2.1	11
6	A Discrete Control Lyapunov Function for Exponential Orbital Stabilization of the Simplest Walker. <i>Journal of Mechanisms and Robotics</i> , 2017, 9, .	2.2	12
7	Foot placement and ankle push-off control for the orbital stabilization of bipedal robots. , 2017, , .		7
8	Planning energy-efficient bipedal locomotion on patterned terrain. , 2016, , .		0
9	A hybrid controller based on CPG and ZMP for biped locomotion. <i>Journal of Mechanical Science and Technology</i> , 2013, 27, 3473-3486.	1.5	9
10	PD regulated sliding mode control of a quadruped robot. , 2011, , .		5