

# Ali Zamani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1675855/publications.pdf>

Version: 2024-02-01

10  
papers

76  
citations

1937685

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h-index

2053705

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g-index

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docs citations

10  
times ranked

71  
citing authors

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