

Mostafa Ajallooeian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10926377/publications.pdf>

Version: 2024-02-01

10
papers

605
citations

1307594

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h-index

1720034

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g-index

10
all docs

10
docs citations

10
times ranked

588
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncilla Robot: A Versatile Open-Source Quadruped Research Robot With Compliant Pantograph Legs. <i>Frontiers in Robotics and AI</i> , 2018, 5, 67.	3.2	34
2	On designing an active tail for legged robots: simplifying control via decoupling of control objectives. <i>Industrial Robot</i> , 2016, 43, 338-346.	2.1	19
3	ON DESIGNING AN ACTIVE TAIL FOR BODY-PITCH CONTROL IN LEGGED ROBOTS VIA DECOUPLING OF CONTROL OBJECTIVES. , 2015, , .		2
4	Kinematic primitives for walking and trotting gaits of a quadruped robot with compliant legs. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 27.	2.1	25
5	A general family of morphed nonlinear phase oscillators with arbitrary limit cycle shape. <i>Physica D: Nonlinear Phenomena</i> , 2013, 263, 41-56.	2.8	42
6	Towards dynamic trot gait locomotion: Design, control, and experiments with Cheetah-cub, a compliant quadruped robot. <i>International Journal of Robotics Research</i> , 2013, 32, 932-950.	8.5	386
7	Modular control of limit cycle locomotion over unperceived rough terrain. , 2013, , .		31
8	Central Pattern Generators augmented with virtual model control for quadruped rough terrain locomotion. , 2013, , .		35
9	Design, implementation and analysis of an alternation-based Central Pattern Generator for multidimensional trajectory generation. <i>Robotics and Autonomous Systems</i> , 2012, 60, 182-198.	5.1	14
10	Hybrid Evolutionary-Neural Network Approach in Generation of Artificial Accelerograms Using Principal Component Analysis and Wavelet-Packet Transform. <i>Journal of Earthquake Engineering</i> , 2011, 15, 50-76.	2.5	17