

Salman Faraji

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

172
citations

1684188

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1720034

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g-index

12
all docs

12
docs citations

12
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview on Principles for Energy Efficient Robot Locomotion. <i>Frontiers in Robotics and AI</i> , 2018, 5, 129.	3.2	60
2	3LP: A linear 3D-walking model including torso and swing dynamics. <i>International Journal of Robotics Research</i> , 2017, 36, 436-455.	8.5	28
3	Robust and Agile 3D Biped Walking With Steering Capability Using a Footstep Predictive Approach. , 0, , .		21
4	Practical considerations in using inverse dynamics on a humanoid robot: Torque tracking, sensor fusion and Cartesian control laws. , 2015, , .		13
5	Bipedal walking and push recovery with a stepping strategy based on time-projection control. <i>International Journal of Robotics Research</i> , 2019, 38, 587-611.	8.5	13
6	The effect of fractionality nature in differences between computer simulation and experimental results of a chaotic circuit. <i>Open Physics</i> , 2013, 11, .	1.7	10
7	Singularity-Tolerant Inverse Kinematics for Bipedal Robots: An Efficient Use of Computational Power to Reduce Energy Consumption. <i>IEEE Robotics and Automation Letters</i> , 2017, 2, 1132-1139.	5.1	10
8	A Dynamical System Approach for Adaptive Grasping, Navigation and Co-Manipulation with Humanoid Robots. , 2020, , .		6
9	Fast Multi-Contact Whole-Body Motion Planning with Limb Dynamics. , 2018, , .		5
10	Designing a virtual whole body tactile sensor suit for a simulated humanoid robot using inverse dynamics. , 2016, , .		2
11	Modeling Robot Geometries Like Molecules, Application to Fast Multicontact Posture Planning for Humanoids. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 289-296.	5.1	2
12	From standing balance to walking: A single control structure for a continuum of gaits. <i>International Journal of Robotics Research</i> , 2019, 38, 1695-1716.	8.5	2