

Sanghyun Kim

List of Publications by Year in descending order

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135
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous Task Transition Approach for Robot Controller Based on Hierarchical Quadratic Programming. IEEE Robotics and Automation Letters, 2019, 4, 1603-1610.	5.1	28
2	Approach of Team SNU to the DARPA Robotics Challenge finals. , 2015, , .		17
3	Team SNU's Control Strategies for Enhancing a Robot's Capability: Lessons from the 2015 DARPA Robotics Challenge Finals. Journal of Field Robotics, 2017, 34, 359-380.	6.0	16
4	A Whole-Body Control Framework Based on the Operational Space Formulation Under Inequality Constraints via Task-Oriented Optimization. IEEE Access, 2021, 9, 39813-39826.	4.2	12
5	Whole-body Control of Non-holonomic Mobile Manipulator Based on Hierarchical Quadratic Programming and Continuous Task Transition. , 2019, , .		9
6	Reactive Self-Collision Avoidance for a Differentially Driven Mobile Manipulator. Sensors, 2021, 21, 890.	3.8	9
7	Design of JET Humanoid Robot with Compliant Modular Actuators for Industrial and Service Applications. Applied Sciences (Switzerland), 2021, 11, 6152.	2.5	6
8	Regularized Hierarchical Quadratic Program for Real-Time Whole-Body Motion Generation. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2115-2126.	5.8	5
9	Weighted hierarchical quadratic programming: assigning individual joint weights for each task priority. Intelligent Service Robotics, 2022, 15, 475-486.	2.6	1