

Phillip Hyatt

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

226
citations

1684188

5
h-index

2053705

5
g-index

8
all docs

8
docs citations

8
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Soft Robot Control Method: Using Model Predictive Control for a Pneumatically Actuated Humanoid. IEEE Robotics and Automation Magazine, 2016, 23, 75-84.	2.0	88
2	Model-Based Control of Soft Actuators Using Learned Non-linear Discrete-Time Models. Frontiers in Robotics and AI, 2019, 6, 22.	3.2	43
3	Configuration Estimation for Accurate Position Control of Large-Scale Soft Robots. IEEE/ASME Transactions on Mechatronics, 2019, 24, 88-99.	5.8	41
4	Comparing Model Predictive Control and input shaping for improved response of low-impedance robots. , 2015, , .		18
5	Real-Time Nonlinear Model Predictive Control of Robots Using a Graphics Processing Unit. IEEE Robotics and Automation Letters, 2020, 5, 1468-1475.	5.1	18
6	Model Reference Predictive Adaptive Control for Large-Scale Soft Robots. Frontiers in Robotics and AI, 2020, 7, 558027.	3.2	14
7	Real-time evolutionary model predictive control using a graphics processing unit. , 2017, , .		4
8	Soft Robot Configuration Estimation and Control Using Simultaneous Localization and Mapping. , 2021, , .		0