

Jeffrey Aguilar

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

359
citations

1478505

6
h-index

1872680

6
g-index

9
all docs

9
docs citations

9
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on locomotion robophysics: the study of movement at the intersection of robotics, soft matter and dynamical systems. Reports on Progress in Physics, 2016, 79, 110001.	20.1	197
2	Robophysical study of jumping dynamics on granular media. Nature Physics, 2016, 12, 278-283.	16.7	81
3	Collective clog control: Optimizing traffic flow in confined biological and robophysical excavation. Science, 2018, 361, 672-677.	12.6	42
4	Lift-Off Dynamics in a Simple Jumping Robot. Physical Review Letters, 2012, 109, 174301.	7.8	22
5	Capturing in-field root system dynamics with RootTracker. Plant Physiology, 2021, 187, 1117-1130.	4.8	9
6	Learning Terrain Dynamics: A Gaussian Process Modeling and Optimal Control Adaptation Framework Applied to Robotic Jumping. IEEE Transactions on Control Systems Technology, 2021, 29, 1581-1596.	5.2	7