

Feifei Qian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2229813/publications.pdf>

Version: 2024-02-01

15
papers

355
citations

1478505

6
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

411
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	Principles of appendage design in robots and animals determining terradynamic performance on flowable ground. Bioinspiration and Biomimetics, 2015, 10, 056014.	2.9	46
3	Ground fluidization promotes rapid running of a lightweight robot. International Journal of Robotics Research, 2013, 32, 859-869.	8.5	30
4	Ground robotic measurement of aeolian processes. Aeolian Research, 2017, 27, 1-11.	2.7	18
5	Dynamics of scattering in undulatory active collisions. Physical Review E, 2019, 99, 022606.	2.1	13
6	AN AUTOMATED SYSTEM FOR SYSTEMATIC TESTING OF LOCOMOTION ON HETEROGENEOUS GRANULAR MEDIA. , 2013, , .		10
7	Rapid In Situ Characterization of Soil Erodibility With a Field Deployable Robot. Journal of Geophysical Research F: Earth Surface, 2019, 124, 1261-1280.	2.8	9
8	An obstacle disturbance selection framework: emergent robot steady states under repeated collisions. International Journal of Robotics Research, 2020, 39, 1549-1566.	8.5	7
9	The dynamics of legged locomotion in heterogeneous terrain: universality in scattering and sensitivity to initial conditions. , 0, , .		7
10	Anticipatory control using substrate manipulation enables trajectory control of legged locomotion on heterogeneous granular media. , 2015, , .		6
11	Walking and running on yielding and fluidizing ground. , 0, , .		5
12	Spatially and temporally distributed data foraging decisions in disciplinary field science. Cognitive Research: Principles and Implications, 2021, 6, 29.	2.0	3
13	Modulation of Robot Orientation Via Leg-Obstacle Contact Positions. IEEE Robotics and Automation Letters, 2020, 5, 2054-2061.	5.1	2
14	MEASUREMENT OF AEOLIAN PROCESSES WITH A ROBOTIC PLATFORM. , 2016, , .		1
15	Planning of Obstacle-Aided Navigation for Multi-Legged Robots Using a Sampling-Based Method Over Directed Graphs. IEEE Robotics and Automation Letters, 2022, 7, 8861-8868.	5.1	1