

Sonia F Roberts

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3792948/publications.pdf>

Version: 2024-02-01

9
papers

93
citations

1937685

4
h-index

2053705

5
g-index

9
all docs

9
docs citations

9
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing Biomimetic Structures in Bioinspired Robots: How Vertebrae Control the Stiffness of the Body and the Behavior of Fish-Like Swimmers. <i>Integrative and Comparative Biology</i> , 2011, 51, 158-175.	2.0	40
2	Ground robotic measurement of aeolian processes. <i>Aeolian Research</i> , 2017, 27, 1-11.	2.7	18
3	Review of Racially Equitable Admissions Practices in STEM Doctoral Programs. <i>Education Sciences</i> , 2021, 11, 270.	2.6	13
4	Examples of Gibsonian Affordances in Legged Robotics Research Using an Empirical, Generative Framework. <i>Frontiers in Neurorobotics</i> , 2020, 14, 12.	2.8	8
5	Mitigating energy loss in a robot hopping on a physically emulated dissipative substrate. , 2019, , .		6
6	Reactive velocity control reduces energetic cost of jumping with a virtual leg spring on simulated granular media. , 2018, , .		5
7	Spatially and temporally distributed data foraging decisions in disciplinary field science. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 29.	2.0	3
8	Algorithm Transparency through the Fair Credit Reporting Act (FCRA). <i>Journal of Science Policy & Governance</i> , 2021, 18, .	0.2	0
9	Virtual Energy Management for Physical Energy Savings in a Legged Robot Hopping on Granular Media. <i>Frontiers in Robotics and AI</i> , 2021, 8, 740927.	3.2	0