

Joshua Bongard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1684223/publications.pdf>

Version: 2024-02-01

18
papers

1,402
citations

933447

10
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial: Introduction to the 2020 Conference on Artificial Life Special Issue. <i>Artificial Life</i> , 2022, 27, 141-142.	1.3	0
2	Towards enduring autonomous robots via embodied energy. <i>Nature</i> , 2022, 602, 393-402.	27.8	84
3	Biological underpinnings for lifelong learning machines. <i>Nature Machine Intelligence</i> , 2022, 4, 196-210.	16.0	62
4	A soft robot that adapts to environments through shape change. <i>Nature Machine Intelligence</i> , 2021, 3, 51-59.	16.0	91
5	Shape Changing Robots: Bioinspiration, Simulation, and Physical Realization. <i>Advanced Materials</i> , 2021, 33, e2002882.	21.0	66
6	A cellular platform for the development of synthetic living machines. <i>Science Robotics</i> , 2021, 6, .	17.6	86
7	Shape-Changing Robots: Shape Changing Robots: Bioinspiration, Simulation, and Physical Realization (Adv. Mater. 19/2021). <i>Advanced Materials</i> , 2021, 33, 2170150.	21.0	2
8	Kinematic self-replication in reconfigurable organisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	57
9	A scalable pipeline for designing reconfigurable organisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1853-1859.	7.1	255
10	Machine behaviour. <i>Nature</i> , 2019, 568, 477-486.	27.8	536
11	A crowdsourcing approach to understand weight and weight loss in men. <i>Preventive Medicine Reports</i> , 2019, 13, 224-228.	1.8	1
12	How morphological development can guide evolution. <i>Scientific Reports</i> , 2018, 8, 13934.	3.3	44
13	Scalable co-optimization of morphology and control in embodied machines. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170937.	3.4	51
14	Participation and Contribution in Crowdsourced Surveys. <i>PLoS ONE</i> , 2015, 10, e0120521.	2.5	6
15	Avoiding local optima with user demonstrations and low-level control. , 2013, , .		6
16	Active Learning with Adaptive Heterogeneous Ensembles. , 2009, , .		10
17	Probabilistic Robotics. Sebastian Thrun, Wolfram Burgard, and Dieter Fox. (2005, MIT Press.) 647 pages. <i>Artificial Life</i> , 2008, 14, 227-229.	1.3	8
18	Automated Shapeshifting for Function Recovery in Damaged Robots. , 0, , .		31