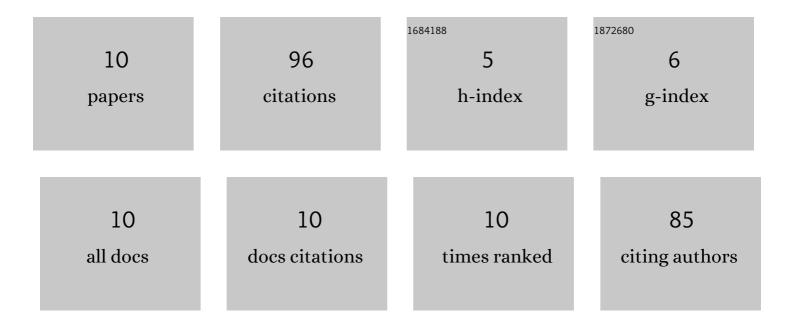
Mary Katherine Heinrich

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11697844/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Constructing living buildings: a review of relevant technologies for a novel application of biohybrid robotics. Journal of the Royal Society Interface, 2019, 16, 20190238.	3.4	18
2	Autonomously shaping natural climbing plants: a bio-hybrid approach. Royal Society Open Science, 2018, 5, 180296.	2.4	15
3	Photomorphogenesis for robot self-assembly: adaptivity, collective decision-making, and self-repair. Bioinspiration and Biomimetics, 2019, 14, 056006.	2.9	14
4	An Evolutionary Robotics Approach to the Control of Plant Growth and Motion: Modeling Plants and Crossing the Reality Gap. , 2016, , .		11
5	Self-Organized Construction with Continuous Building Material: Higher Flexibility Based on Braided Structures. , 2016, , .		10
6	A robot to shape your natural plant. , 2018, , .		9
7	Evolved Control of Natural Plants. ACM Transactions on Autonomous and Adaptive Systems, 2017, 12, 1-24.	0.8	8
8	Swarm robotics: Robustness, scalability, and self-X features in industrial applications. IT - Information Technology, 2019, 61, 159-167.	0.9	5
9	Self-Organized Adaptive Paths in Multi-Robot Manufacturing: Reconfigurable and Pattern-Independent Fibre Deployment. , 2019, , .		5
10	Robotic Sensing and Stimuli Provision for Guided Plant Growth. Journal of Visualized Experiments, 2019, , .	0.3	1