

# Mary Katherine Heinrich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11697844/publications.pdf>

Version: 2024-02-01

10  
papers

96  
citations

1684188

5  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

85  
citing authors

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