

# Mostafa Wahby

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3306956/publications.pdf>

Version: 2024-02-01

12  
papers

148  
citations

1684188

5  
h-index

1720034

7  
g-index

12  
all docs

12  
docs citations

12  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flora Robotica - Mixed Societies of Symbiotic Robot-Plant Bio-Hybrids. , 2015, , .		31
2	Hybrid Societies: Challenges and Perspectives in the Design of Collective Behavior in Self-organizing Systems. Frontiers in Robotics and AI, 2016, 3, .	3.2	30
3	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
4	Autonomously shaping natural climbing plants: a bio-hybrid approach. Royal Society Open Science, 2018, 5, 180296.	2.4	15
5	An Evolutionary Robotics Approach to the Control of Plant Growth and Motion: Modeling Plants and Crossing the Reality Gap. , 2016, , .		11
6	Self-Organized Construction with Continuous Building Material: Higher Flexibility Based on Braided Structures. , 2016, , .		10
7	A robot to shape your natural plant. , 2018, , .		9
8	Evolved Control of Natural Plants. ACM Transactions on Autonomous and Adaptive Systems, 2017, 12, 1-24.	0.8	8
9	Swarm robotics: Robustness, scalability, and self-X features in industrial applications. IT - Information Technology, 2019, 61, 159-167.	0.9	5
10	Self-Organized Adaptive Paths in Multi-Robot Manufacturing: Reconfigurable and Pattern-Independent Fibre Deployment. , 2019, , .		5
11	Multi-robot Coverage Using Self-organized Networks for Central Coordination. Lecture Notes in Computer Science, 2020, , 216-228.	1.3	5
12	Robotic Sensing and Stimuli Provision for Guided Plant Growth. Journal of Visualized Experiments, 2019, , .	0.3	1