

# Gina Olson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/728012/publications.pdf>

Version: 2024-02-01

10  
papers

99  
citations

1937685

4  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-Support 3D Printing of Thermoset Silicone Via Simultaneous Control of Both Reaction Kinetics and Transient Rheology. 3D Printing and Additive Manufacturing, 2019, 6, 139-147.	2.9	29
2	Evaluation of 3D Printed Soft Robots in Radiation Environments and Comparison With Molded Counterparts. Frontiers in Robotics and AI, 2019, 6, 40.	3.2	27
3	An Euler-Bernoulli beam model for soft robot arms bent through self-stress and external loads. International Journal of Solids and Structures, 2020, 207, 113-131.	2.7	20
4	A generalizable equilibrium model for bending soft arms with longitudinal actuators. International Journal of Robotics Research, 2021, 40, 148-177.	8.5	12
5	Experimentally Identified Models of McKibben Soft Actuators as Primary Movers and Passive Structures. Journal of Mechanisms and Robotics, 2022, 14, .	2.2	5
6	Characterization of a Class of Soft Bending Arms. , 2019, , .		4
7	Evaluation of a Circumferential Extending Antagonist Actuator in a Soft Arm. , 2020, , .		1
8	Redundancy and overactuation in cephalopod-inspired soft robot arms. Bioinspiration and Biomimetics, 2022, 17, 036004.	2.9	1
9	Compensating for Unmodeled Forces using Neural Networks in Soft Manipulator Planning. , 2021, , .		0
10	Redundancy and overactuation in cephalopod-inspired soft robot arms. Bioinspiration and Biomimetics, 2022, , .	2.9	0