

# Ann C Sychterz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9096414/publications.pdf>

Version: 2024-02-01

7  
papers

123  
citations

1478505

6  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive control of a deployable tensegrity structure. <i>Engineering Structures</i> , 2017, 152, 14-23.	5.3	49
2	A dynamic-relaxation formulation for analysis of cable structures with sliding-induced friction. <i>International Journal of Solids and Structures</i> , 2017, 126-127, 240-251.	2.7	22
3	Using dynamic measurements to detect and locate ruptured cables on a tensegrity structure. <i>Engineering Structures</i> , 2018, 173, 631-642.	5.3	19
4	Joint Friction during Deployment of a Near-Full-Scale Tensegrity Footbridge. <i>Journal of Structural Engineering</i> , 2017, 143, .	3.4	14
5	Deployment and Shape Change of a Tensegrity Structure Using Path-Planning and Feedback Control. <i>Frontiers in Built Environment</i> , 2018, 4, .	2.3	13
6	Damage Mitigation of Near-Full-Scale Deployable Tensegrity Structure through Behavior Biomimetics. <i>Journal of Structural Engineering</i> , 2020, 146, .	3.4	6
7	Assessment and Comparison of Cable-Actuation of Pill Bug Inspired Adaptive Origami Structure Using Computer Vision and Dynamic Relaxation. <i>Frontiers in Built Environment</i> , 2022, 8, .	2.3	0