

# Diego Ricardo Higuera Ruiz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2204562/publications.pdf>

Version: 2024-02-01

5  
papers

81  
citations

1937685  
4  
h-index

2272923  
4  
g-index

5  
all docs

5  
docs citations

5  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cavatappi artificial muscles from drawing, twisting, and coiling polymer tubes. <i>Science Robotics</i> , 2021, 6, .	17.6	37
2	What is an artificial muscle? A comparison of soft actuators to biological muscles. <i>Bioinspiration and Biomimetics</i> , 2022, 17, 011001.	2.9	27
3	Moisture's significant impact on twisted polymer actuation. <i>Smart Materials and Structures</i> , 2020, 29, 125009.	3.5	7
4	A Novel Biomimetic Torsional Actuator Design Using Twisted Polymer Actuators. , 2017, , .		5
5	Finite element analysis of straight twisted polymer actuators using precursor properties. <i>Smart Materials and Structures</i> , 2021, 30, 025005.	3.5	5