

# Raphael Deimel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11606585/publications.pdf>

Version: 2024-02-01

11  
papers

1,460  
citations

2682572

2  
h-index

2917675

2  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1446  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel type of compliant and underactuated robotic hand for dexterous grasping. International Journal of Robotics Research, 2016, 35, 161-185.	8.5	796
2	A compliant hand based on a novel pneumatic actuator. , 2013, , .		230
3	Exploitation of environmental constraints in human and robotic grasping. International Journal of Robotics Research, 2015, 34, 1021-1038.	8.5	155
4	Selective stiffening of soft actuators based on jamming. , 2015, , .		93
5	A Novel Type of Compliant, Underactuated Robotic Hand for Dexterous Grasping. , 0, , .		63
6	Efficient FEM-Based Simulation of Soft Robots Modeled as Kinematic Chains. , 2018, , .		29
7	Soft Hands for Reliable Grasping Strategies. , 2015, , 211-221.		26
8	Automated co-design of soft hand morphology and control strategy for grasping. , 2017, , .		20
9	Handshakiness: Benchmarking for human-robot hand interactions. , 2017, , .		20
10	Mass control of pneumatic soft continuum actuators with commodity components. , 2016, , .		16
11	Morphological computation: The good, the bad, and the ugly. , 2017, , .		12