

# Matthew A Estrada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4979486/publications.pdf>

Version: 2024-02-01

7  
papers

392  
citations

2258059

3  
h-index

2550090

3  
g-index

7  
all docs

7  
docs citations

7  
times ranked

407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Forceful manipulation with micro air vehicles. Science Robotics, 2018, 3, .	17.6	40
2	Force and moment constraints of a curved surface gripper and wrist for assistive free flyers. , 2017, , .		8
3	A robotic device using gecko-inspired adhesives can grasp and manipulate large objects in microgravity. Science Robotics, 2017, 2, .	17.6	196
4	Aggressive Flight With Quadrotors for Perching on Inclined Surfaces. Journal of Mechanisms and Robotics, 2016, 8, .	2.2	68
5	Free-flyer acquisition of spinning objects with gecko-inspired adhesives. , 2016, , .		27
6	Perching failure detection and recovery with onboard sensing. , 2015, , .		6
7	Dynamic surface grasping with directional adhesion. , 2013, , .		47