

Matthew A Estrada

List of Publications by Year in descending order

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

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