

Matthias Faessler

List of Publications by Year in descending order

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7
papers

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citations

1937685
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2272923
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7
docs citations

7
times ranked

779
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Flatness of Quadrotor Dynamics Subject to Rotor Drag for Accurate Tracking of High-Speed Trajectories. IEEE Robotics and Automation Letters, 2018, 3, 620-626.	5.1	199
2	Autonomous, Vision-based Flight and Live Dense 3D Mapping with a Quadrotor Micro Aerial Vehicle. Journal of Field Robotics, 2016, 33, 431-450.	6.0	163
3	Thrust Mixing, Saturation, and Body-Rate Control for Accurate Aggressive Quadrotor Flight. IEEE Robotics and Automation Letters, 2017, 2, 476-482.	5.1	97
4	A monocular pose estimation system based on infrared LEDs. , 2014, , .		88
5	Challenges and implemented technologies used in autonomous drone racing. Intelligent Service Robotics, 2019, 12, 137-148.	2.6	76
6	Automatic re-initialization and failure recovery for aggressive flight with a monocular vision-based quadrotor. , 2015, , .		72
7	Aerial-guided navigation of a ground robot among movable obstacles. , 2014, , .		46