

# Teodor Tomic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6444279/publications.pdf>

Version: 2024-02-01

13  
papers

1,041  
citations

1684188

5  
h-index

1872680

6  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1122  
citing authors

#	ARTICLE	IF	CITATIONS
1	ARDEA – An MAV with skills for future planetary missions. Journal of Field Robotics, 2020, 37, 515-551.	6.0	11
2	Simultaneous contact and aerodynamic force estimation (s-CAFE) for aerial robots. International Journal of Robotics Research, 2020, 39, 688-728.	8.5	17
3	Towards Interaction, Disturbance and Fault Aware Flying Robot Swarms. Springer Proceedings in Advanced Robotics, 2020, , 183-198.	1.3	3
4	Feeling the True Force in Haptic Telepresence for Flying Robots. , 2020, , .		1
5	External Wrench Estimation, Collision Detection, and Reflex Reaction for Flying Robots. IEEE Transactions on Robotics, 2017, 33, 1467-1482.	10.3	76
6	The flying anemometer: Unified estimation of wind velocity from aerodynamic power and wrenches. , 2016, , .		12
7	Simultaneous estimation of aerodynamic and contact forces in flying robots: Applications to metric wind estimation and collision detection. , 2015, , .		21
8	Learning quadrotor maneuvers from optimal control and generalizing in real-time. , 2014, , .		17
9	A unified framework for external wrench estimation, interaction control and collision reflexes for flying robots. , 2014, , .		37
10	Autonomous Vision-based Micro Air Vehicle for Indoor and Outdoor Navigation. Journal of Field Robotics, 2014, 31, 537-570.	6.0	94
11	Evaluation of acceleration-based disturbance observation for multicopter control. , 2014, , .		20
12	Stereo vision based indoor/outdoor navigation for flying robots. , 2013, , .		105
13	Toward a Fully Autonomous UAV: Research Platform for Indoor and Outdoor Urban Search and Rescue. IEEE Robotics and Automation Magazine, 2012, 19, 46-56.	2.0	627