

# Flavia Causa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4094243/publications.pdf>

Version: 2024-02-01

19  
papers

176  
citations

1684188

5  
h-index

1588992

8  
g-index

19  
all docs

19  
docs citations

19  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple UAVs trajectory generation and waypoint assignment in urban environment based on DOP maps. Aerospace Science and Technology, 2021, 110, 106507.	4.8	28
2	Onboard and External Magnetic Bias Estimation for UAS through CDGNSS/Visual Cooperative Navigation. Sensors, 2021, 21, 3582.	3.8	4
3	Improved In-Flight Estimation of Inertial Biases through CDGNSS/Vision Based Cooperative Navigation. Sensors, 2021, 21, 3438.	3.8	5
4	Cooperative navigation and visual tracking with passive ranging for UAV flight in GNSS-challenging environments. , 2021, , .		5
5	Improving Navigation in GNSS-Challenging Environments: Multi-UAS Cooperation and Generalized Dilution of Precision. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1462-1479.	4.7	23
6	AMPERE: exploiting Galileo for electrical asset mapping in emerging countries. , 2021, , .		0
7	Safe planning and deconfliction for multiple UAVs in high density low altitude urban environments. , 2021, , .		3
8	CREATEFORUAS: Developing Innovative Technologies for Autonomous UAS. , 2020, , .		0
9	Navigation-aware Path Planning for Multiple UAVs in Urban Environment. , 2020, , .		3
10	Adaptive Cooperative Navigation Strategies for Complex Environments. , 2020, , .		1
11	GNSS-aware Path Planning for UAV swarm in complex environments. , 2019, , .		6
12	Navigation aware planning for tandem UAV missions in GNSS challenging environments. , 2019, , .		3
13	Multi-UAV Carrier Phase Differential GPS and Vision-based Sensing for High Accuracy Attitude Estimation. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 93, 245-260.	3.4	18
14	Accurate ionospheric delay model for real-time GPS-based positioning of LEO satellites using horizontal VTEC gradient estimation. GPS Solutions, 2018, 22, 1.	4.3	9
15	Robust filter setting in GPS-based relative positioning of small-satellite LEO formations. Advances in Space Research, 2018, 62, 3369-3382.	2.6	2
16	Multi-UAV Path Planning for Autonomous Missions in Mixed GNSS Coverage Scenarios. Sensors, 2018, 18, 4188.	3.8	26
17	Multi-UAV formation geometries for cooperative navigation in GNSS-challenging environments. , 2018, , .		36
18	Flight demonstration of multi-UAV CDGPS and vision-based sensing for high accuracy attitude estimation. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Ionosphere-gradient based filtering approach for precise relative navigation in LEO., 2017, , .		1