

# Giulia Michieletto

## List of Publications by Year in descending order

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24  
papers

252  
citations

1477746

6  
h-index

1199166

12  
g-index

24  
all docs

24  
docs citations

24  
times ranked

280  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Fundamental Actuation Properties of Multirotors: Force-Moment Decoupling and Safe Robustness. IEEE Transactions on Robotics, 2018, 34, 702-715.                    | 7.3 | 63        |
| 2  | Distributed Clustering Strategies in Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2017, 13, 228-237.                          | 7.2 | 46        |
| 3  | Bearing rigidity theory in SE(3). , 2016, , .  |     | 31        |
| 4  | Control of statically hoverable multi-rotor aerial vehicles and application to rotor-failure robustness for hexarotors. , 2017, , .                                |     | 27        |
| 5  | Online Leader Selection for Collective Tracking and Formation Control: The Second-Order Case. IEEE Transactions on Control of Network Systems, 2019, 6, 1415-1425. | 2.4 | 14        |
| 6  | Cooperative Optimization of UAVs Formation Visual Tracking. Robotics, 2019, 8, 52.   | 2.1 | 11        |
| 7  | Distributed fault detection in sensor networks via clustering and consensus. , 2015, , .   |     | 8         |
| 8  | Nonlinear Control of Multi-Rotor Aerial Vehicles Based on the Zero-Moment Direction. IFAC-PapersOnLine, 2017, 50, 13144-13149.                                     | 0.5 | 7         |
| 9  | Formation Control for Fully Actuated Systems: a Quaternion-based Bearing Rigidity Approach. , 2019, , .  |     | 7         |
| 10 | A Unified Dissertation on Bearing Rigidity Theory. IEEE Transactions on Control of Network Systems, 2021, , 1-1.   | 2.4 | 6         |
| 11 | A General Regularized Distributed Solution for System State Estimation From Relative Measurements. , 2022, 6, 1580-1585.   |     | 5         |
| 12 | Hierarchical nonlinear control for multi-rotor asymptotic stabilization based on zero-moment direction. Automatica, 2020, 117, 108991.                             | 3.0 | 4         |
| 13 | On the Distributed Estimation from Relative Measurements: a Graph-Based Convergence Analysis. , 2019, , .  |     | 3         |
| 14 | Model Predictive Control for Cooperative Transportation with Feasibility-Aware Policy. Robotics, 2021, 10, 84.   | 2.1 | 3         |
| 15 | Visual Sensor Networks for Indoor Real-Time Surveillance and Tracking of Multiple Targets. Sensors, 2022, 22, 2661.  | 2.1 | 3         |
| 16 | Safe High Stiffness Impedance Control for Series Elastic Actuators using Collocated Position Feedback. , 2022, , .   |     | 3         |
| 17 | Distributed partitioning strategies with visual optimization for camera network perimeter patrolling. , 2016, , .  |     | 2         |
| 18 | A Dual Quaternion Feedback Linearized Approach for Maneuver Regulation of Rigid Bodies. , 2018, 2, 327-332.  |     | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Distributed Dual Quaternion Based Localization of Visual Sensor Networks. , 2019, , .   |     | 2         |
| 20 | Visual sensor network stimulation model identification via Gaussian mixture model and deep embedded features. Engineering Applications of Artificial Intelligence, 2022, 114, 105096. | 4.3 | 2         |
| 21 | A Proximal Point Approach for Distributed System State Estimation. IFAC-PapersOnLine, 2020, 53, 2702-2707.  | 0.5 | 1         |
| 22 | Dual Quaternion Delay Compensating Maneuver Regulation for Fully Actuated UAVs. IFAC-PapersOnLine, 2020, 53, 9316-9321.   | 0.5 | 1         |
| 23 | Heterogeneous Formation Control: a Bearing Rigidity Approach. , 2021, , .   |     | 1         |
| 24 | Towards a Low-Cost Robot Navigation Approach based on a RGB-D Sensor Network. , 2022, , .   |     | 0         |