

Abdelkader Abdessameud

List of Publications by Year in descending order

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2,169
citations

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all docs

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docs citations

42
times ranked

1393
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Formation control of VTOL Unmanned Aerial Vehicles with communication delays. Automatica, 2011, 47, 2383-2394. | 3.0 | 304 |
| 2 | Attitude Synchronization of a Group of Spacecraft Without Velocity Measurements. IEEE Transactions on Automatic Control, 2009, 54, 2642-2648. | 3.6 | 266 |
| 3 | On consensus algorithms for double-integrator dynamics without velocity measurements and with input constraints. Systems and Control Letters, 2010, 59, 812-821. | 1.3 | 241 |
| 4 | Global trajectory tracking control of VTOL-UAVs without linear velocity measurements. Automatica, 2010, 46, 1053-1059. | 3.0 | 191 |
| 5 | On consensus algorithms design for double integrator dynamics. Automatica, 2013, 49, 253-260. | 3.0 | 163 |
| 6 | Aerial manipulationâ€™A literature survey. Robotics and Autonomous Systems, 2018, 107, 221-235. | 3.0 | 150 |
| 7 | Attitude Synchronization of Multiple Rigid Bodies With Communication Delays. IEEE Transactions on Automatic Control, 2012, 57, 2405-2411. | 3.6 | 118 |
| 8 | Synchronization of Lagrangian Systems With Irregular Communication Delays. IEEE Transactions on Automatic Control, 2014, 59, 187-193. | 3.6 | 103 |
| 9 | Motion Coordination for VTOL Unmanned Aerial Vehicles. Advances in Industrial Control, 2013, , . | 0.4 | 79 |
| 10 | Leader-Follower Synchronization of Euler-Lagrange Systems With Time-Varying Leader Trajectory and Constrained Discrete-Time Communication. IEEE Transactions on Automatic Control, 2017, 62, 2539-2545. | 3.6 | 67 |
| 11 | Image-based tracking control of VTOL unmanned aerial vehicles. Automatica, 2015, 53, 111-119. | 3.0 | 60 |
| 12 | Distributed Consensus Algorithms for a Class of High-Order Multi-Agent Systems on Directed Graphs. IEEE Transactions on Automatic Control, 2018, 63, 3464-3470. | 3.6 | 54 |
| 13 | Hybrid global exponential stabilization on S^3 . Automatica, 2017, 81, 279-285. | 3.0 | 47 |
| 14 | Distributed output regulation of heterogeneous linear multi-agent systems with communication constraints. Automatica, 2018, 91, 152-158. | 3.0 | 47 |
| 15 | Synchronization of nonlinear systems with communication delays and intermittent information exchange. Automatica, 2015, 59, 1-8. | 3.0 | 44 |
| 16 | Hybrid Attitude and Gyro-Bias Observer Design on $SO(3)$. IEEE Transactions on Automatic Control, 2017, 62, 6044-6050. | 3.6 | 36 |
| 17 | Distributed Coordination of Dynamical Multi-Agent Systems Under Directed Graphs and Constrained Information Exchange. IEEE Transactions on Automatic Control, 2017, 62, 1668-1683. | 3.6 | 33 |
| 18 | Motion coordination of thrust-propelled underactuated vehicles with intermittent and delayed communications. Systems and Control Letters, 2015, 79, 15-22. | 1.3 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Hybrid Output Feedback for Attitude Tracking on $\mathbb{SO}(3)$. IEEE Transactions on Automatic Control, 2018, 63, 3956-3963. | 3.6 | 32 |
| 20 | Consensus of Nonidentical Euler-Lagrange Systems Under Switching Directed Graphs. IEEE Transactions on Automatic Control, 2019, 64, 2108-2114. | 3.6 | 23 |
| 21 | A unified approach to the velocity-free consensus algorithms design for double integrator dynamics with input saturations. , 2011, , . | | 10 |
| 22 | On the leader-follower synchronization of Euler-Lagrange systems. , 2015, , . | | 8 |
| 23 | Global exponential angular velocity observer for rigid body systems. , 2016, , . | | 8 |
| 24 | Synchronization of multiple Euler-Lagrange systems with communication delays. , 2012, , . | | 7 |
| 25 | A globally exponentially stable hybrid attitude and gyro-bias observer. , 2016, , . | | 6 |
| 26 | Global hybrid attitude estimation on the Special Orthogonal group $SO(3)$. , 2016, , . | | 6 |
| 27 | Adaptive synchronization of networked Lagrangian systems with irregular communication delays. , 2012, , . | | 5 |
| 28 | Distributed Consensus of Euler-Lagrange Systems Under Switching Directed Graphs. , 2018, , . | | 5 |
| 29 | Formation Control of VTOL-UAVs Under Directed and Dynamically-Changing Topologies. , 2019, , . | | 5 |
| 30 | Consensus algorithms design for constrained heterogeneous multi-agent systems. , 2012, , . | | 3 |
| 31 | Rigid body attitude synchronization with communication delays. , 2012, , . | | 3 |
| 32 | Formation Control of VTOL UAVs. Advances in Industrial Control, 2013, , 105-127. | 0.4 | 3 |
| 33 | Containment control for networked Lagrangian systems under a directed graph and communication constraints. , 2014, , . | | 3 |
| 34 | Cooperative output regulation of linear multi-agent systems with communication constraints. , 2016, , . | | 2 |
| 35 | Synchronization of Heterogeneous Euler-Lagrange Systems with Time Delays and Intermittent Information Exchange. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 1971-1976. | 0.4 | 1 |
| 36 | Distributed coordination of linear second-order multi-agent systems with communication constraints. , 2015, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Consensus of heterogeneous multiple integrator agents on directed graphs. , 2017, , . | | 1 |
| 38 | Rigid-Body Attitude Synchronization with Communication Delays. Advances in Industrial Control, 2013, , 63-84. | 0.4 | 1 |
| 39 | Position Tracking for VTOL UAVs. Advances in Industrial Control, 2013, , 85-104. | 0.4 | 1 |
| 40 | State synchronization of double-integrator dynamics with delayed sampled-data information exchange. , 2016, , . | | 0 |
| 41 | Formation Control with Communication Delays. Advances in Industrial Control, 2013, , 129-152. | 0.4 | 0 |
| 42 | Rigid-Body Attitude Synchronization. Advances in Industrial Control, 2013, , 27-61. | 0.4 | 0 |