

# Daniel Viegas

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

152  
citations

1684188

5  
h-index

1720034

7  
g-index

12  
all docs

12  
docs citations

12  
times ranked

160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrete-time distributed Kalman filter design for formations of autonomous vehicles. Control Engineering Practice, 2018, 75, 55-68.	5.5	43
2	Distributed state estimation for linear multi-agent systems with time-varying measurement topology. Automatica, 2015, 54, 72-79.	5.0	35
3	Decentralized observers for position and velocity estimation in vehicle formations with fixed topologies. Systems and Control Letters, 2012, 61, 443-453.	2.3	28
4	Position and Velocity Filters for ASC/I-AUV Tandems Based on Single Range Measurements. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 74, 745-768.	3.4	11
5	Decentralized state observers for range-based position and velocity estimation in acyclic formations with fixed topologies. International Journal of Robust and Nonlinear Control, 2016, 26, 963-994.	3.7	9
6	Position and velocity filters for intervention AUVs based on single range and depth measurements. , 2012, , .		6
7	Discrete-time distributed Kalman filter design for multi-vehicle systems. , 2017, , .		5
8	Nonlinear observability and observer design through state augmentation. , 2014, , .		4
9	Distributed controller design and performance optimization for discrete-time linear systems. Optimal Control Applications and Methods, 2021, 42, 126-143.	2.1	4
10	GAS decentralized navigation filters in a continuous-discrete fixed topology framework. , 2013, , .		3
11	Decentralized linear state observers for vehicle formations with time-varying topologies. , 2013, , .		2
12	On the stability of the continuous-time Kalman filter subject to exponentially decaying perturbations. Systems and Control Letters, 2016, 89, 41-46.	2.3	2