

# Alireza Farhadi

## List of Publications by Year in descending order

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18  
papers

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citations

1307594

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1199594

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18  
docs citations

18  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	LQG optimality and separation principle for general discrete time partially observed stochastic systems over finite capacity communication channels. <i>Automatica</i> , 2008, 44, 3181-3188.	5.0	63
2	Control of Continuous-Time Linear Gaussian Systems Over Additive Gaussian Wireless Fading Channels: A Separation Principle. <i>IEEE Transactions on Automatic Control</i> , 2008, 53, 1013-1019.	5.7	44
3	Measurement and control of nonlinear dynamic systems over the internet (IoT): Applications in remote control of autonomous vehicles. <i>Automatica</i> , 2018, 95, 93-103.	5.0	13
4	Tracking Nonlinear Noisy Dynamic Systems over Noisy Communication Channels. <i>IEEE Transactions on Communications</i> , 2011, 59, 955-961.	7.8	11
5	Feedback channel in linear noiseless dynamic systems controlled over the packet erasure network. <i>International Journal of Control</i> , 2015, 88, 1490-1503.	1.9	10
6	Computation time analysis of centralized and distributed optimization algorithms applied to automated irrigation networks. , 2013, , .		9
7	Distributed model predictive control with hierarchical architecture for communication: application in automated irrigation channels. <i>International Journal of Control</i> , 2016, 89, 1725-1741.	1.9	9
8	Estimation of Nonlinear Dynamic Systems Over Communication Channels. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 3024-3031.	5.7	8
9	Stability of linear dynamic systems over the packet erasure channel: a co-design approach. <i>International Journal of Control</i> , 2015, 88, 2488-2498.	1.9	7
10	Stabilization of Nonlinear Dynamic Systems Over Limited Capacity Communication Channels. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 3655-3662.	5.7	6
11	New coding scheme for the state estimation and reference tracking of nonlinear dynamic systems over the packet erasure channel (IoT): Applications in tele-operation of autonomous vehicles. <i>European Journal of Control</i> , 2021, 57, 242-252.	2.6	5
12	A supervisory control policy over an acoustic communication network. <i>International Journal of Control</i> , 2014, , 1-13.	1.9	3
13	Estimation and stability over AWGN channel in the presence of fading, noisy feedback channel and different sample rates. <i>Systems and Control Letters</i> , 2019, 123, 75-84.	2.3	3
14	Computation time analysis of a distributed optimization algorithm applied to automated irrigation networks. , 2013, , .		2
15	Stability and tracking of linear Gaussian systems over AWGN channel with intermittent deterministic feedback channel. , 2015, , .		1
16	Distributed model predictive control methods for improving transient response of automated irrigation channels. , 2015, , .		0
17	Distributed optimal control using an efficient method for decomposition. , 2017, , .		0
18	Tight Bound on the Stability of Control Systems Tight over Parallel Gaussian Channels Using a New Joint Source Channel Coding. , 2019, , .		0