Alejandro I Maass

List of Publications by Year
in descending order

20	117	1683354 5	1473754 9
papers	citations	h-index	g-index

20	20	20	84
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zeroth-Order Optimization on Subsets of Symmetric Matrices With Application to MPC Tuning. IEEE Transactions on Control Systems Technology, 2022, 30, 1654-1667.	3.2	0
2	Tracking and Regret Bounds for Online Zeroth-Order Euclidean and Riemannian Optimization. SIAM Journal on Optimization, 2022, 32, 445-469.	1.2	2
3	Observer Design for Nonlinear Networked Control Systems With Persistently Exciting Protocols. IEEE Transactions on Automatic Control, 2020, 65, 2992-3006.	3.6	4
4	Active Learning for Linear Parameter-Varying System Identification. IFAC-PapersOnLine, 2020, 53, 989-994.	0.5	2
5	An Alternative Setup to Study Stabilization of Networked Control Systems Over Correlated Fading Channels. IFAC-PapersOnLine, 2020, 53, 3066-3071.	0.5	2
6	Platoon Stability Conditions Under Inter-vehicle Additive Noisy Communication Channels. IFAC-PapersOnLine, 2020, 53, 3150-3155.	0.5	6
7	Tuning of model predictive engine controllers over transient drive cycles. IFAC-PapersOnLine, 2020, 53, 14022-14027.	0.5	1
8	Stabilization of Non-Linear Networked Control Systems Closed Over a Lossy WirelessHART Network. , 2019, 3, 996-1001.		7
9	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2032" altimg="si4.svg"><mml:msub><mml:mrow><mml:mi mathvariant="script">L</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:msub></mml:math> stability of networked control systems implemented on WirelessHART. Automatica, 2019, 109, 108514.	3.0	11
10	Observer design for networked control systems implemented over WirelessHART. , 2018, , .		2
11	Optimal estimation in feedback control loops with packet dropouts compensation strategies. , 2017, , .		5
12	Control with erasure channels: performance characterization using an equivalent SNR constrained problem. IFAC-PapersOnLine, 2017, 50, 6410-6415.	0.5	2
13	Emulation-based stabilisation of networked control systems over WirelessHART. , 2017, , .		8
14	Feedback control over lossy channels: Optimal estimation considering data-loss compensation strategies. , 2017, , .		0
15	A hybrid model of networked control systems implemented on WirelessHART networks under source routing configuration. , 2016, , .		4
16	Optimal control over multiple erasure channels using a data dropout compensation scheme. Automatica, 2016, 68, 155-161.	3.0	33
17	Performance limits in the control of singleâ€input linear timeâ€invariant plants over fading channels. IET Control Theory and Applications, 2014, 8, 1384-1395.	1.2	14
18	Optimal design of remote controllers for LTI plants over erasure channels. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10882-10887.	0.4	5

#	Article	IF	Citations
19	Optimal design of a class of controllers and data-dropout compensators for LTI plants controlled over erasure channels. , 2013, , .		8
20	Performance limitations in the control of LTI plants over fading channels. , 2013, , .		1