

Damián Marelli

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

721
citations

687363

13
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	On identification of FIR systems having quantized output data. <i>Automatica</i> , 2011, 47, 1905-1915.	5.0	111
2	Identification of ARMA models using intermittent and quantized output observations. <i>Automatica</i> , 2013, 49, 360-369.	5.0	87
3	Multi-sensor state estimation over lossy channels using coded measurements. <i>Automatica</i> , 2020, 111, 108561.	5.0	83
4	The Vulnerability of Cyber-Physical System Under Stealthy Attacks. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 637-650.	5.7	69
5	Optimal PMU placement for power system state estimation with random component outages. <i>International Journal of Electrical Power and Energy Systems</i> , 2013, 51, 35-42.	5.5	61
6	Kalman Filtering With Intermittent Observations: On the Boundedness of the Expected Error Covariance. <i>IEEE Transactions on Automatic Control</i> , 2014, 59, 2724-2738.	5.7	59
7	Dynamic state estimation for power networks using distributed MAP technique. <i>Automatica</i> , 2016, 73, 27-37.	5.0	32
8	Distributed Kalman filter in a network of linear systems. <i>Systems and Control Letters</i> , 2018, 116, 71-77.	2.3	32
9	Stability of MMSE state estimators over lossy networks using linear coding. <i>Automatica</i> , 2015, 51, 167-174.	5.0	27
10	Multiple-Vehicle Localization Using Maximum Likelihood Kalman Filtering and Ultra-Wideband Signals. <i>IEEE Sensors Journal</i> , 2021, 21, 4949-4956.	4.7	27
11	A Continuous-Time Linear System Identification Method for Slowly Sampled Data. <i>IEEE Transactions on Signal Processing</i> , 2010, 58, 2521-2533.	5.3	22
12	Fingerprinting-Based Indoor Localization Using Interpolated Preprocessed CSI Phases and Bayesian Tracking. <i>Sensors</i> , 2020, 20, 2854.	3.8	22
13	Linear LMS Compensation for Timing Mismatch in Time-Interleaved ADCs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2009, 56, 2476-2486.	5.4	17
14	Time-Frequency Synthesis of Noisy Sounds With Narrow Spectral Components. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2010, 18, 1929-1940.	3.2	10
15	Asymptotic Optimality of the Maximum-Likelihood Kalman Filter for Bayesian Tracking With Multiple Nonlinear Sensors. <i>IEEE Transactions on Signal Processing</i> , 2015, 63, 4502-4515.	5.3	10
16	Statistical Approach to Detection of Attacks for Stochastic Cyber-Physical Systems. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 849-856.	5.7	9
17	Proper actions which are not saturated. <i>Proceedings of the American Mathematical Society</i> , 2009, 137, 2273-2283.	0.8	8
18	Distributed Weighted Least-Squares Estimation for Power Networks. <i>IFAC-PapersOnLine</i> , 2015, 48, 562-567.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Linear quadratic Gaussian Stackelberg game under asymmetric information patterns. Automatica, 2021, 125, 109406.	5.0	8
20	Distributed Kalman estimation with decoupled local filters. Automatica, 2021, 130, 109724.	5.0	8
21	Predictive control for networked systems affected by correlated packet loss. International Journal of Robust and Nonlinear Control, 2019, 29, 5078-5094.	3.7	6
22	A New Encoder for Continuous-Time Gaussian Signals With Fixed Rate and Reconstruction Delay. IEEE Transactions on Signal Processing, 2012, 60, 3052-3064.	5.3	2
23	On Identification of Linear Systems with Quantized and Intermittent Information. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 304-309.	0.4	1
24	Controller Design for Networked Control Systems Affected by Correlated Packet Losses. IFAC-PapersOnLine, 2017, 50, 2555-2560.	0.9	1
25	Convergence and Accuracy Analysis for a Distributed Static State Estimator Based on Gaussian Belief Propagation. IEEE Transactions on Automatic Control, 2021, 66, 4785-4791.	5.7	1
26	Asymptotic properties of statistical estimators using multivariate Chi-squared measurements. , 2020, 103, 102754.		0
27	Distributed Target Tracking Using Maximum Likelihood Kalman Filter with Non-linear Measurements. IEEE Sensors Journal, 2021, , 1-1.	4.7	0
28	Efficient Approximation of Head-Related Transfer Functions in Subbands for Accurate Sound Localization. IEEE Transactions on Audio Speech and Language Processing, 2015, 23, 1130-1143.	3.2	0