

# Damián Marelli

## List of Publications by Year in descending order

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28  
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docs citations

28  
times ranked

608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Approach to Detection of Attacks for Stochastic Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2021, 66, 849-856.	5.7	9
2	The Vulnerability of Cyber-Physical System Under Stealthy Attacks. IEEE Transactions on Automatic Control, 2021, 66, 637-650.	5.7	69
3	Multiple-Vehicle Localization Using Maximum Likelihood Kalman Filtering and Ultra-Wideband Signals. IEEE Sensors Journal, 2021, 21, 4949-4956.	4.7	27
4	Linear quadratic Gaussian Stackelberg game under asymmetric information patterns. Automatica, 2021, 125, 109406.	5.0	8
5	Distributed Kalman estimation with decoupled local filters. Automatica, 2021, 130, 109724.	5.0	8
6	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
7	Distributed Target Tracking Using Maximum Likelihood Kalman Filter with Non-linear Measurements. IEEE Sensors Journal, 2021, , 1-1.	4.7	0
8	Multi-sensor state estimation over lossy channels using coded measurements. Automatica, 2020, 111, 108561.	5.0	83
9	Asymptotic properties of statistical estimators using multivariate Chi-squared measurements. , 2020, 103, 102754.		0
10	Fingerprinting-Based Indoor Localization Using Interpolated Preprocessed CSI Phases and Bayesian Tracking. Sensors, 2020, 20, 2854.	3.8	22
11	Predictive control for networked systems affected by correlated packet loss. International Journal of Robust and Nonlinear Control, 2019, 29, 5078-5094.	3.7	6
12	Distributed Kalman filter in a network of linear systems. Systems and Control Letters, 2018, 116, 71-77.	2.3	32
13	Controller Design for Networked Control Systems Affected by Correlated Packet Losses. IFAC-PapersOnLine, 2017, 50, 2555-2560.	0.9	1
14	Dynamic state estimation for power networks using distributed MAP technique. Automatica, 2016, 73, 27-37.	5.0	32
15	Distributed Weighted Least-Squares Estimation for Power Networks. IFAC-PapersOnLine, 2015, 48, 562-567.	0.9	8
16	Asymptotic Optimality of the Maximum-Likelihood Kalman Filter for Bayesian Tracking With Multiple Nonlinear Sensors. IEEE Transactions on Signal Processing, 2015, 63, 4502-4515.	5.3	10
17	Stability of MMSE state estimators over lossy networks using linear coding. Automatica, 2015, 51, 167-174.	5.0	27
18	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

#	ARTICLE	IF	CITATIONS
19	Kalman Filtering With Intermittent Observations: On the Boundedness of the Expected Error Covariance. IEEE Transactions on Automatic Control, 2014, 59, 2724-2738.	5.7	59
20	Identification of ARMA models using intermittent and quantized output observations. Automatica, 2013, 49, 360-369.	5.0	87
21	Optimal PMU placement for power system state estimation with random component outages. International Journal of Electrical Power and Energy Systems, 2013, 51, 35-42.	5.5	61
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	On identification of FIR systems having quantized output data. Automatica, 2011, 47, 1905-1915.	5.0	111
25	Time-Frequency Synthesis of Noisy Sounds With Narrow Spectral Components. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 1929-1940.	3.2	10
26	A Continuous-Time Linear System Identification Method for Slowly Sampled Data. IEEE Transactions on Signal Processing, 2010, 58, 2521-2533.	5.3	22
27	Linear LMS Compensation for Timing Mismatch in Time-Interleaved ADCs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 2476-2486.	5.4	17
28	Proper actions which are not saturated. Proceedings of the American Mathematical Society, 2009, 137, 2273-2283.	0.8	8