

Ramon A Delgado

List of Publications by Year in descending order

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31
papers

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citations

1039406

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31
all docs

31
docs citations

31
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	On the equivalence of time and frequency domain maximum likelihood estimation. Automatica, 2010, 46, 260-270.	3.0	55
2	Dual time-frequency domain system identification. Automatica, 2012, 48, 3031-3041.	3.0	33
3	Networked Delay Control for 5G Wireless Machine-Type Communications Using Multiconnectivity. IEEE Transactions on Control Systems Technology, 2019, 27, 1510-1525.	3.2	23
4	A Rank-Constrained Optimization approach: Application to Factor Analysis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10373-10378.	0.4	19
5	Feedback Control Applications in New Radio: Exploring Delay Control and Alignment. IEEE Vehicular Technology Magazine, 2019, 14, 70-77.	2.8	19
6	Fast multistep finite control set model predictive control for transient operation of power converters., 2016, , .		17
7	Quadratic Model Predictive Control Including Input Cardinality Constraints. IEEE Transactions on Automatic Control, 2017, 62, 3068-3075.	3.6	15
8	Enabling Multistep Model Predictive Control for Transient Operation of Power Converters. IEEE Open Journal of the Industrial Electronics Society, 2020, 1, 284-297.	4.8	15
9	Delay Skew Packet Flow Control in Wireless Systems With Dual Connectivity. IEEE Transactions on Vehicular Technology, 2018, 67, 5357-5371.	3.9	12
10	A novel approach to model error modelling using the expectation-maximization algorithm. , 2012, , .		11
11	A novel representation of rank constraints for real matrices. Linear Algebra and Its Applications, 2016, 496, 452-462.	0.4	11
12	Data Flow Delay Equalization for Feedback Control Applications Using 5G Wireless Dual Connectivity. , 2017, , .		10
13	Quadratic MPC with $\hat{a},$ 0 -input constraint. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10888-10893.	0.4	9
14	Fast Convergence Outer Loop Link Adaptation with Infrequent Updates in Steady State. , 2017, , .		9
15	A combined MAP and Bayesian scheme for finite data and/or moving horizon estimation. Automatica, 2014, 50, 1116-1121.	3.0	7
16	Disturbance rejection properties for a 5G networked data flow delay controller. , 2017, , .		6
17	Design of MDIs for Type 1 Diabetes Treatment via Rolling Horizon Cardinality-Constrained Optimisation. IFAC-PapersOnLine, 2017, 50, 15044-15049.	0.5	5
18	Stability properties of a MIMO data flow controller. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	An identification method for Errors-in-Variables systems using incomplete data. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1359-1364.	0.4	3
20	Application of Rank-Constrained Optimisation to Nonlinear System Identification—J. C. Agüero was partially supported by the Chilean Research Council (CONICYT) through Basal Project FB0008, and FONDE-CYT (grant no. 1150954).. IFAC-PapersOnLine, 2015, 48, 814-818.	0.5	2
21	Delay Alignment Control for 5G Multi Connectivity. , 2018, , .		2
22	Low-order control design using a novel rank-constrained optimization approach. , 2016, , .		1
23	Sparse logistic regression utilizing cardinality constraints and information criteria. , 2016, , .		1
24	Stepwise Tikhonov Regularisation: Application to the Prediction of HIV-1 Drug Resistance. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 17, 292-301.	1.9	1
25	Jitter Suppression for Very Low Latency Feedback Control Over NR. , 2020, , .		1
26	Globally Stable Delay Alignment for Feedback Control Over Wireless Multipoint Connections. IEEE Transactions on Control of Network Systems, 2020, 7, 1633-1642.	2.4	1
27	A numerical study of time and frequency domain maximum likelihood estimation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1133-1138.	0.4	0
28	Two-degree-of-freedom anti-aliasing technique for wide-band networked control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 8884-8889.	0.4	0
29	Sparse Representation Using Stepwise Tikhonov Regularization With Offline Computations. IEEE Signal Processing Letters, 2019, 26, 873-877.	2.1	0
30	Statistical beam information for mmW positioning. , 2020, , .		0
31	On the Uncertainty Modelling for Linear Continuous-Time Systems Utilising Sampled Data and Gaussian Mixture Models. IFAC-PapersOnLine, 2021, 54, 589-594.	0.5	0