

Luciola Campestrini

List of Publications by Year in descending order

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papers

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g-index

41
all docs

41
docs citations

41
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual Reference Feedback Tuning Applied to DC-DC Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 544-552.	5.2	22
2	Data-driven control design for load disturbance rejection by prediction error identification. , 2021, , .		2
3	One-shot data-driven controller certification. ISA Transactions, 2020, 99, 361-373.	3.1	12
4	Estimation of Unknown Parameters of the Equivalent Electrical Model During an Eddy Current Test. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5791-5798.	2.4	3
5	Virtual reference feedback tuning applied to cascade control. IET Control Theory and Applications, 2020, 14, 3738-3746.	1.2	4
6	On the Choice of an Appropriate Reference Model for Control of Multivariable Plants. IEEE Transactions on Control Systems Technology, 2019, 27, 1937-1949.	3.2	12
7	Data-Driven Approach for Current Control in DC-DC Boost Converters. IFAC-PapersOnLine, 2019, 52, 190-195.	0.5	4
8	Data-Driven Control Design by Prediction Error Identification for Multivariable Systems. Journal of Control, Automation and Electrical Systems, 2019, 30, 465-478.	1.2	12
9	Data-Driven LQR Control Design. , 2019, 3, 180-185.		50
10	Multivariable Virtual Reference Feedback Tuning for Non-Minimum Phase Plants. , 2018, 2, 121-126.		13
11	Virtual disturbance feedback tuning. IFAC Journal of Systems and Control, 2018, 3, 23-29.	1.1	18
12	Application of Multivariable Virtual Reference Feedback Tuning with Anti-Windup to the Benchmark PID 2018 – This work has been supported by CNPq - Conselho Nacional de Desenvolvimento Científico e Tecnológico.. IFAC-PapersOnLine, 2018, 51, 515-520.	0.5	3
13	Data-Driven PID Control Tuning for Disturbance Rejection in a Hierarchical Control Architecture – This work has been supported by CNPq - Conselho Nacional de Desenvolvimento Científico e Tecnológico.. IFAC-PapersOnLine, 2018, 51, 569-574.	0.5	5
14	Data-Driven control design by prediction error identification for a refrigeration system based on vapor compression. IFAC-PapersOnLine, 2018, 51, 704-709.	0.5	6
15	Comparing MIMO Process Control Methods on a Pilot Plant. Journal of Control, Automation and Electrical Systems, 2018, 29, 411-425.	1.2	5
16	Eddy Current Probe Identification and Analysis. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2166-2173.	2.4	20
17	Data-driven model reference control design by prediction error identification. Journal of the Franklin Institute, 2017, 354, 2628-2647.	1.9	48
18	Data-driven control design applied to uninterruptible power supplies. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	Application of Virtual Reference Feedback Tuning to a non-minimum phase pilot plant. , 2016, , .		2
20	Multivariable VRFT: an approach for systems with non-minimum phase transmission zeros. , 2016, , .		6
21	Unbiased MIMO VRFT with application to process control. Journal of Process Control, 2016, 39, 35-49.	1.7	50
22	Identifiability Analysis and Prediction Error Identification of Anaerobic Batch Bioreactors. Journal of Control, Automation and Electrical Systems, 2014, 25, 438-447.	1.2	5
23	Data-Driven Controller Design. Communications and Control Engineering, 2012, , .	1.0	62
24	Model Reference Control Design by Prediction Error Identification*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1478-1483.	0.4	4
25	Computations. Communications and Control Engineering, 2012, , 145-164.	1.0	0
26	Iterative Optimization. Communications and Control Engineering, 2012, , 69-88.	1.0	1
27	Convergence to the Globally Optimal Controller. Communications and Control Engineering, 2012, , 89-117.	1.0	0
28	One-Shot Optimizationâ€”The VRFT Method. Communications and Control Engineering, 2012, , 27-67.	1.0	0
29	Virtual Reference Feedback Tuning for non-minimum phase plants. Automatica, 2011, 47, 1778-1784.	3.0	88
30	Data-based control design for a process class with guaranteed convergence to the globally optimum controller. , 2009, , .		2
31	Virtual Reference Feedback Tuning for non minimum phase plants. , 2009, , .		15
32	Tuning of Multivariable Decentralized Controllers Through the Ultimate-Point Method. IEEE Transactions on Control Systems Technology, 2009, 17, 1270-1281.	3.2	19
33	AUTO-TUNING OF PID CONTROLLERS FOR MIMO PROCESSES BY RELAY FEEDBACK. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 451-456.	0.4	4
34	Tuning of multivariable PID controllers through the Ultimate Point Method. , 2006, , .		1
35	An integrated hardware and software design of a mobile robot. , 0, , .		0
36	Parameters identification of induction machines based on frequency response and optimization techniques. , 0, , .		6

#	ARTICLE	IF	CITATIONS
37	Análise do uso de modelos discretizados para identificação de modelos de biorreatores anaeróbicos. , O, , .		0