

# Luciola Campestrini

## List of Publications by Year in descending order

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37  
papers

509  
citations

840119

11  
h-index

752256

20  
g-index

41  
all docs

41  
docs citations

41  
times ranked

248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual Reference Feedback Tuning for non-minimum phase plants. Automatica, 2011, 47, 1778-1784.	3.0	88
2	Data-Driven Controller Design. Communications and Control Engineering, 2012, , .	1.0	62
3	Unbiased MIMO VRFT with application to process control. Journal of Process Control, 2016, 39, 35-49.	1.7	50
4	Data-Driven LQR Control Design. , 2019, 3, 180-185.		50
5	Data-driven model reference control design by prediction error identification. Journal of the Franklin Institute, 2017, 354, 2628-2647.	1.9	48
6	Virtual Reference Feedback Tuning Applied to DC-DC Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 544-552.	5.2	22
7	Eddy Current Probe Identification and Analysis. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2166-2173.	2.4	20
8	Tuning of Multivariable Decentralized Controllers Through the Ultimate-Point Method. IEEE Transactions on Control Systems Technology, 2009, 17, 1270-1281.	3.2	19
9	Virtual disturbance feedback tuning. IFAC Journal of Systems and Control, 2018, 3, 23-29.	1.1	18
10	Virtual Reference Feedback Tuning for non minimum phase plants. , 2009, , .		15
11	Multivariable Virtual Reference Feedback Tuning for Non-Minimum Phase Plants. , 2018, 2, 121-126.		13
12	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
13	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
14	One-shot data-driven controller certification. ISA Transactions, 2020, 99, 361-373.	3.1	12
15	Parameters identification of induction machines based on frequency response and optimization techniques. , 0, , .		6
16	Multivariable VRFT: an approach for systems with non-minimum phase transmission zeros. , 2016, , .		6
17	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
18	Identifiability Analysis and Prediction Error Identification of Anaerobic Batch Bioreactors. Journal of Control, Automation and Electrical Systems, 2014, 25, 438-447.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Data-driven control design applied to uninterruptible power supplies. , 2016, , .		5
20	Data-Driven PID Control Tuning for Disturbance Rejection in a Hierarchical Control Architecture âŽ“ âŽ“This work has been supported by CNPq - Conselho Nacional de Desenvolvimento CientÃ­fico e TecnolÃ³gico.. IFAC-PapersOnLine, 2018, 51, 569-574.	0.5	5
21	Comparing MIMO Process Control Methods on a Pilot Plant. Journal of Control, Automation and Electrical Systems, 2018, 29, 411-425.	1.2	5
22	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
23	Model Reference Control Design by Prediction Error Identification*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1478-1483.	0.4	4
24	Data-Driven Approach for Current Control in DC-DC Boost Converters. IFAC-PapersOnLine, 2019, 52, 190-195.	0.5	4
25	Virtual reference feedback tuning applied to cascade control. IET Control Theory and Applications, 2020, 14, 3738-3746.	1.2	4
26	Application of Multivariable Virtual Reference Feedback Tuning with Anti-Windup to the Benchmark PID 2018 âŽ“ âŽ“This work has been supported by CNPq - Conselho Nacional de Desenvolvimento CientÃ­fico e TecnolÃ³gico.. IFAC-PapersOnLine, 2018, 51, 515-520.	0.5	3
27	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
28	Data-based control design for a process class with guaranteed convergence to the globally optimum controller. , 2009, , .		2
29	Application of Virtual Reference Feedback Tuning to a non-minimum phase pilot plant. , 2016, , .		2
30	Data-driven control design for load disturbance rejection by prediction error identification. , 2021, , .		2
31	Tuning of multivariable PID controllers through the Ultimate Point Method. , 2006, , .		1
32	Iterative Optimization. Communications and Control Engineering, 2012, , 69-88.	1.0	1
33	An integrated hardware and software design of a mobile robot. , 0, , .		0
34	Computations. Communications and Control Engineering, 2012, , 145-164.	1.0	0
35	Convergence to the Globally Optimal Controller. Communications and Control Engineering, 2012, , 89-117.	1.0	0
36	One-Shot Optimizationâ€™The VRFT Method. Communications and Control Engineering, 2012, , 27-67.	1.0	0

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