

Carolina Mañoso

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

258
citations

1937685

4
h-index

1720034

7
g-index

18
all docs

18
docs citations

18
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Closing the gender gap in an introductory programming course. Computers and Education, 2015, 82, 409-420.	8.3	115
2	IIR approximations to the fractional differentiator/integrator using Chebyshev polynomials theory. ISA Transactions, 2013, 52, 461-468.	5.7	43
3	Fractional-Order Generalized Predictive Control: Application for Low-Speed Control of Gasoline-Propelled Cars. Mathematical Problems in Engineering, 2013, 2013, 1-10.	1.1	24
4	Fractional-Order Generalized Predictive Control: Formulation and some properties. , 2010, , .		21
5	Enhancing an introductory programming course with physical computing modules. , 2014, , .		19
6	A survey of Fractional-Order Generalized Predictive Control. , 2012, , .		9
7	Low speed hybrid generalized predictive control of a gasoline-propelled car. ISA Transactions, 2015, 57, 373-381.	5.7	9
8	NEW DIRECT DISCRETIZATION OF THE FRACTIONAL-ORDER DIFFERENTIATOR/INTEGRATOR BY THE CHEBYSHEV-PADÁ% APPROXIMATION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 269-273.	0.4	4
9	SIMCAN: A simulator to improve the learning of distributed and highâ€performance computing systems in engineering degrees. Computer Applications in Engineering Education, 2019, 27, 1126-1138.	3.4	3
10	Robust stability analysis of GPC and CRHPC using the theory of extreme point results. , 1999, , .		2
11	Application of Generalized Predictive Control to a Fractional Order Plant. , 2007, , 1285.		1
12	GPC with Structured Perturbations: The Influence of Prefiltering and Terminal Equality Constraints. ISRN Applied Mathematics, 2012, 2012, 1-12.	0.5	1
13	Explicit predictive control of a hybrid system: A case study: Control of the longitudinal dynamics of a comercial vehicle at very low speed. , 2014, , .		1
14	Fundamentals of the MPC approach to stop-and-go Adaptive Cruise Control. , 2014, , .		1
15	Phase margin identification with an adaptive sampling system. , 0, , .		0
16	Interval Continuous Plant Identification from Value Sets. Journal of Applied Mathematics, 2012, 2012, 1-32.	0.9	0
17	Computer Aided Development and Simulation of a Remote Control VTOL Tiltwing Model Aircraft. Lecture Notes in Computer Science, 2007, , 65-72.	1.3	0