

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