

Ángel PÃ©rez de Madrid

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6365747/publications.pdf>

Version: 2024-02-01

17
papers

331
citations

1478505

6
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

261
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	Development of an Inexpensive Sensor Network for Recognition of Sitting Posture. International Journal of Distributed Sensor Networks, 2015, 11, 969237.	2.2	43
4	Arbitrary real-order cost functions for signals and systems. Signal Processing, 2011, 91, 372-378.	3.7	27
5	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
6	Fractional-Order Generalized Predictive Control: Formulation and some properties. , 2010, , .		21
7	Enhancing an introductory programming course with physical computing modules. , 2014, , .		19
8	Parallel dynamic programming on clusters of workstations. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 785-798.	5.6	10
9	A survey of Fractional-Order Generalized Predictive Control. , 2012, , .		9
10	GPC strategies for the lateral control of a networked AGV. , 2009, , .		6
11	EXPERIENCES ON AN INTERNET LINK CHARACTERIZATION AND NETWORKED CONTROL OF A SMART WHEEL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1230015.	1.7	6
12	SIMCAN: A simulator to improve the learning of distributed and high-performance computing systems in engineering degrees. Computer Applications in Engineering Education, 2019, 27, 1126-1138.	3.4	3
13	Application of Generalized Predictive Control to a Fractional Order Plant. , 2007, , 1285.		1
14	Interval plant identification from value sets with five vertices in a quadrant. International Journal of Robust and Nonlinear Control, 2011, 21, 21-43.	3.7	1
15	GPC with Structured Perturbations: The Influence of Prefiltering and Terminal Equality Constraints. ISRN Applied Mathematics, 2012, 2012, 1-12.	0.5	1
16	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
17	Fundamentals of the MPC approach to stop-and-go Adaptive Cruise Control. , 2014, , .		1