Karina Acosta Barbosa

List of Publications by Year
in descending order

40	698	840776 11	839539 18
papers	citations	h-index	g-index

40	40	40	469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observerâ€based control of Takagiâ€“Sugeno descriptor system with timeâ€varying delay: Freeâ€weighting matrix. Optimal Control Applications and Methods, 2022, 43, 1379-1400.	2.1	2
2	Observer Design Method for Discrete-Time LPV Descriptor Systems. , 2021, , .		0
3	Takagiâ€“Sugeno State Delayed Feedback and Integral Control for PV Systems: Modeling, Simulation, and Control. International Journal of Photoenergy, 2021, 2021, 1-14.	2.5	2
4	Input-Output Admissibility Analysis of Continuous Descriptor System With Time-Varying Delay. , 2021, 5, 1561-1566.		5
5	Admissibility Analysis of Descriptor Delay Systems: Transformation Model. , 2021, , .		0
6	Robust Filtering for Discrete-Time Linear Parameter-Varying Descriptor Systems. Symmetry, 2020, 12, 1871.	2.2	1
7	A Simple Distribution Energy Tariff under the Penetration of DG. Energies, 2020, 13, 1910.	3.1	0
8	A Dynamic Stochastic Hybrid Model to Represent Significant Wave Height and Wave Period for Marine Energy Representation. Energies, 2019, 12, 887.	3.1	2
9	Control Algorithm for a Dynamic Pricing Management of Electrical Energy. , 2019, , .		0
10	Admissibility analysis of discrete linear time-varying descriptor systems. Automatica, 2018, 91, 136-143.	5.0	20
11	State feedback regulation on port-Hamiltonian systems: a convex based approach. , 2018, , .		1
12	Robust Hâˆž state-feedback design for discrete-time descriptor systems. IFAC-PapersOnLine, 2018, 51, 78-83.	0.9	5
13	Robust Voltage Regulation of a Stand Alone Uncertain Single-Stage Boost Inverter. , 2018, , .		0
14	Bounded real lemma for discrete linear time-varying descriptor systems. , 2017, , .		2
15	Parametric uncertainty analysis of inverse linear electric circuit problems. , 2017, , .		0
16	Non-linear control design to direct rotary dryer. , 2017, , .		0
17	Statistical parametric techniques for power residential demand forecasting. , 2017, , .		0
18	Guaranteed cost control of quadratic time-delay systems. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	D-stability control design for algebraic differential systems with application in power systems. , 2016, , .		0
20	Mixed controller design for an UAV flight control system. , 2015, , .		4
21	Controller design of industrial cooperative robots. , 2015, , .		0
22	D-stability Analysis of Descriptor Systems and Application in Power Systems. IEEE Latin America Transactions, 2015, 13, 1888-1892.	1.6	4
23	Robust admissibility and H<inf>∞</inf> performance of time-varying descriptor systems. , 2013, , .		1
24	Robust stability of discrete-time linear descriptor systems with time-varying uncertainties via parametric Lyapunov function. , 2012, , .		7
25	Robust ℋ<inf>∞</inf> filtering for descriptor system with deterministic and stochastic uncertainties. , 2011, , .		0
26	Robust â„‹âˆž filter design for singular systems with time-varying uncertainties. IET Control Theory and Applications, 2011, 5, 1085-1091.	2.1	14
27	Robust <mml:math altimg="si10.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	5.0	16
28	Robust Linear H_{infty} Filter Design for a Class of Uncertain Nonlinear Systems: An LMI Approach. SIAM Journal on Control and Optimization, 2009, 48, 1452-1472.	2.1	11
29	Robust filtering for uncertain linear discrete-time descriptor systems. Automatica, 2008, 44, 792-798.	5.0	44
30	New improved delay-dependent â„‹âˆž filter design for uncertain neutral systems. IET Control Theory and Applications, 2008, 2, 1033-1043.	2.1	28
31	Robust H_∞ filtering for linear descriptor systems with convex bounded uncertainty. , 2007, , .		4
32	Robust Filtering for Linear Systems With Convex-Bounded Uncertain Time-Varying Parameters. IEEE Transactions on Automatic Control, 2007, 52, 1132-1138.	5.7	27
33	Robust /spl Hscr//sub /spl infin// filtering for discrete-time linear systems with uncertain time-varying parameters. IEEE Transactions on Signal Processing, 2006, 54, 2110-2118.	5.3	100
34	Mode-Independent ${cal H}_{infty}$ Filters for Markovian Jump Linear Systems. IEEE Transactions on Automatic Control, 2006, 51, 1837-1841.	5.7	279
35	H_∞ Filtering for a Class of Uncertain Markov Jump Nonlinear Systems. , 2006, , .		4
36	Robust filtering for uncertain linear systems: LMI based methods with parametric Lyapunov functions. Systems and Control Letters, 2005, 54, 251-262.	2.3	90

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37	Improved H2 and H<FONT FACE=Symbol>Â¥</FONT> conditions for robust analysis and control synthesis of linear systems. Controle and Automacao, 2005, 16, 427-434.	0.2	7
38	Robust guaranteed cost filtering for a class of nonlinear systems. , 2003, , .		1
39	ROBUST â„2 FILTER DESIGN VIA PARAMETER-DEPENDENT LYAPUNOV FUNCTIONS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 371-376.	0.4	13
40	A New Strategy to the Multi-Objective Control of Linear Systems. , 0, , .		4