Oliveira, R C L F

List of Publications by Year
in descending order

204	3,844	182225 30	182931 54
papers	citations	h-index	g-index

205	205	205	1856
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stabilization and $mathcal {H}_{2}$ Static Output-Feedback Control of Discrete-Time Positive Linear Systems. IEEE Transactions on Automatic Control, 2022, 67, 1446-1452.	3.6	5
2	An LMI Approach for Stability Analysis and Output-Feedback Stabilization of Discrete-Time Lurâ€™e Systems Using Zames-Falb Multipliers. , 2022, 6, 710-715.		7
3	Reduced Order Positive Filter Design for Positive Uncertain Discrete-Time Linear Systems. , 2022, 6, 1148-1153.		5
4	Hâˆž Model Match Output-Feedback Control by Means of an LMI-Based Algorithm. , 2022, 6, 560-565.		0
5	Robust Stability Analysis of Linear Parameter-Varying Systems With Markov Jumps. IEEE Transactions on Automatic Control, 2022, 67, 6234-6239.	3.6	4
6	Robust Control of GTIs under wide grid impedance ranges: An approach combining metaheuristics and LMIs. Control Engineering Practice, 2022, 120, 105010.	3.2	5
7	Robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msub><mml:mi mathvariant="script">H</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>Âand <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si9.svg"><mml:msub><mml:mi mathvariant="script">H</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:math>Âcontrol for positive continuous-time uncertain linear systems. Journal of the Franklin Institute, 2022, 359, 4842-4855.	1.9	1
8	Control design of uncertain discreteâ€time Lur'e systems with sector and slope bounded nonlinearities. International Journal of Robust and Nonlinear Control, 2022, 32, 7001-7015.	2.1	1
9	Robust Control of Synchronous Reluctance Motors by Means of Linear Matrix Inequalities. IEEE Transactions on Energy Conversion, 2021, 36, 779-788.	3.7	7
10	An LMI-Based Algorithm to Compute Robust Stabilizing Feedback Gains Directly as Optimization Variables. IEEE Transactions on Automatic Control, 2021, 66, 4365-4370.	3.6	16
11	Linear matrix inequalityâ€based solution for memory static outputâ€feedback control of discreteâ€time linear systems affected by timeâ€varying parameters. International Journal of Robust and Nonlinear Control, 2021, 31, 4324-4336.	2.1	3
12	A new approach of Hâˆž filtering for combustion systems using optical instrumentation. ISA Transactions, 2021, , .	3.1	1
13	A new approach for quasi-LPV modeling and state-feedback control of nonlinear systems with application on a 5-DOF pendulum. , 2021, , .		0
14	Robust stability of stochastic systems with varying delays: Application to RLC circuit with intermittent closed-loop. Applied Mathematics and Computation, 2021, 411, 126541.	1.4	2
15	A Novel Theoretical Probabilistic Model for Opportunistic Routing with Applications in Energy Consumption for WSNs. Sensors, 2021, 21, 8058.	2.1	2
16	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msub><mml:mi mathvariant="bold-script">H</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:math> non-minimal filter design in finite frequency ranges for discrete-time Takagiâ€“Sugeno fuzzy systems with time-varying delays. Journal of the Franklin Institute, 2020, 357, 622-634.	1.9	11
17	A less conservative approach to handle timeâ€varying parameters in discreteâ€time linear parameterâ€varying systems with applications in networked control systems. International Journal of Robust and Nonlinear Control, 2020, 30, 3521-3546.	2.1	9
18	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:msub><mml:mi mathvariant="script">H</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> control and filtering of discrete-time LPV systems exploring statistical information of the time-varying parameters. Journal of the Franklin Institute, 2020, 357, 3835-3864.	1.9	5

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19	Design Procedure Combining Linear Matrix Inequalities and Genetic Algorithm for Robust Control of Grid-Connected Converters. IEEE Transactions on Industry Applications, 2020, 56, 1896-1906.	3.3	25
20	A pixel counting based method for designing shading devices in buildings considering energy efficiency, daylight use and fading protection. Applied Energy, 2020, 262, 114497.	5.1	15
21	Robust Current Control of Grid-Tied Inverters Affected by LCL Filter Soft-Saturation. IEEE Transactions on Industrial Electronics, 2020, 67, 6550-6561.	5.2	29
22	An LMI-based algorithm for static output-feedback stabilization of continuous-time positive polytopic linear systems. IFAC-PapersOnLine, 2020, 53, 4559-4564.	0.5	1
23	An LMI-based iterative algorithm for state and output feedback stabilization of discrete-time Lurâ€™e systems. , 2020, , .		1
24	Local state-feedback stabilization of continuous-time Takagi-Sugeno fuzzy systems. IFAC-PapersOnLine, 2020, 53, 7995-8000.	0.5	2
25	Gain-scheduled â„‹âˆž controller synthesis for LPV systems subject to multiplicative noise. IFAC-PapersOnLine, 2020, 53, 2255-2260.	0.5	0
26	A practical design procedure for robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e971" altimg="si263.svg"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> controllers applied to grid-connected inverters. Control Engineering Practice, 2019, 92, 104157.	3.2	17
27	A pixel counting technique for sun patch assessment within building enclosures. Solar Energy, 2019, 184, 173-186.	2.9	13
28	Linear Matrix Inequalities for Digital Redesign Under Delay Suitable for PI Controllers with Application to PMSMs. Journal of Control, Automation and Electrical Systems, 2019, 30, 479-489.	1.2	5
29	Hâˆž static output-feedback control for positive uncertain discrete-time linear systems. , 2019, , .		0
30	Modeling and Stability Analysis of Salmon Mortality due to Microalgae Bloom using Linear Parameter-Varying Structure. , 2019, , .		1
31	Local stability analysis and estimation of domains of attraction for nonlinear systems via Takagi-Sugeno fuzzy modeling. , 2019, , .		2
32	â„‹2 gain-scheduled design subject to inexact measurements: performance comparison of two models for additive uncertainty. , 2019, , .		0
33	Robust control of grid-connected converters under wide grid impedance variation. , 2019, , .		1
34	Robust stability, $mathscr{H}_{2}$ and $mathscr{H}_{infty}$ guaranteed costs for discrete time-varying uncertain linear systems with constrained parameter variations. , 2019, , .		2
35	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si119.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>â„Ž</mml:mo></mml:mrow></mml:msub></mml:math>	1.6	3
36	Robust stability of Markov jump linear systems through randomized evaluations. Applied Mathematics and Computation, 2019, 346, 287-294.	1.4	5

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37	Robust <inline-formula> <tex-math notation="LaTeX">$mathcal {H}_{infty }$</tex-math> </inline-formula> State Feedback Controllers Based on Linear Matrix Inequalities Applied to Grid-Connected Converters. IEEE Transactions on Industrial Electronics, 2019, 66, 6021-6031.	5.2	56
38	Digital redesign of analogue dynamic output-feedback controllers for polytopic systems. International Journal of Control, 2019, 92, 1764-1777.	1.2	0
39	Algorithm 998. ACM Transactions on Mathematical Software, 2019, 45, 1-25.	1.6	64
40	An artificial intelligence-based method to efficiently bring CFD to building simulation. Journal of Building Performance Simulation, 2018, 11, 588-603.	1.0	14
41	Intelligent co-simulation: neural network vs. proper orthogonal decomposition applied to a 2D diffusive problem. Journal of Building Performance Simulation, 2018, 11, 568-587.	1.0	11
42	Parameterized LMIs for robust and state feedback control of continuousâ€time polytopic systems. International Journal of Robust and Nonlinear Control, 2018, 28, 940-952.	2.1	20
43	Domus method for predicting sunlit areas on interior surfaces. Ambiente ConstruÃdo, 2018, 18, 83-95.	0.2	5
44	Hâˆž and H2 memory static output-feedback control design for uncertain discrete-time linear systems. IFAC-PapersOnLine, 2018, 51, 90-95.	0.5	6
45	Hâˆž output-feedback control design for combustion systems using optical instrumentation. IFAC-PapersOnLine, 2018, 51, 134-139.	0.5	1
46	An Improved LMI-based Approach for the Design of Power System Damping Controllers. IFAC-PapersOnLine, 2018, 51, 287-292.	0.5	0
47	Gain-scheduled control for LPV systems with scheduling parameters transmitted through a Markov channel. IFAC-PapersOnLine, 2018, 51, 167-172.	0.5	1
48	L2-gain filter design for continuous-time LPV systems in finite frequency domain. IFAC-PapersOnLine, 2018, 51, 161-166.	0.5	0
49	LMI-based stability tests for LPV and switched discrete-time linear systems through redundant equations. IFAC-PapersOnLine, 2018, 51, 149-154.	0.5	3
50	Hâˆž Static Output-Feedback Gain-Scheduled Control for Discrete LPV Time-Delay Systems. IFAC-PapersOnLine, 2018, 51, 137-142.	0.5	7
51	H2 and Hâˆž State-Feedback Control Through Multi-Hop Networks: Trade-Off Analysis Between the Network Load and Performance Degradation. IEEE Latin America Transactions, 2018, 16, 2377-2384.	1.2	2
52	H<inf>âˆž</inf> Model Order Reduction of Uncertain Linear Systems Using generalized KYP Lemma. , 2018, , .		0
53	New robust LMI synthesis conditions for mixed Âgainâ€scheduled reducedâ€order DOF control of discreteâ€time LPV systems. International Journal of Robust and Nonlinear Control, 2018, 28, 6122-6145.	2.1	19
54	$mathscr{H}_{2}$ and $mathscr{H}_{infty}$ mode-independent state-feedback control of generalized Bernoulli jump systems with uncertain probabilities*. , 2018, , .		0

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55	approach for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml45" display="inline" overflow="scroll" altimg="si4.gif"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml46" display="inline" overflow="scroll" altimg="si2.gif"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:m.	3.0	23
56	$mathscr{H}_{infty}$ state-feedback gain-scheduled control for MJLS with non-homogeneous Markov chains. , 2018, , .		1
57	$mathscr{H}_{2}$ gain-scheduled filtering for discrete-time LPV systems using estimated time-varying parameters. , 2018, , .		6
58	Protocol for Energy-Efficiency in Networked Control Systems Based on WSN. Sensors, 2018, 18, 2590.	2.1	5
59	$mathcal{H}_{infty}$ static output-feedback controllers with past outputs for discrete-time uncertain linear systems. , 2018, , .		0
60	$mathscr{H}_{infty}$ filter design with low- and middle-frequency specifications for continuous-time linear systems: LMI conditions derived from two different extensions of the KYP lemma. , 2018, , .		0
61	Robust Stability Analysis of Grid-Connected Converters Based on Parameter-Dependent Lyapunov Functions. Journal of Control, Automation and Electrical Systems, 2017, 28, 159-170.	1.2	4
62	Robust pole location with experimental validation for three-phase grid-connected converters. Control Engineering Practice, 2017, 59, 16-26.	3.2	21
63	H 2 order and parameter dependency reduction of uncertain linear systems using LMI relaxations. IFAC-PapersOnLine, 2017, 50, 6338-6343.	0.5	1
64	Non-minimal order low-frequency H â^ž filtering for uncertain discrete-time systems. IFAC-PapersOnLine, 2017, 50, 6477-6482.	0.5	1
65	H 2 and H â^ž digital redesign of analog controllers for continuous-time polytopic systems * *Supported by the Brazilian agencies CAPES, CNPq, FAPDF, and FAPESP (Proc. 2014/22881-1). IFAC-PapersOnLine, 2017, 50, 6691-6696.	0.5	1
66	Experimental validation and comparison of direct solar shading calculations within building energy simulation tools: Polygon clipping and pixel counting techniques. Solar Energy, 2017, 158, 462-473.	2.9	25
67	Comparison of â„‹<inf>2</inf> controllers based on LMIs for grid-connected converters. , 2017, , .		1
68	Reduced-order dynamic output feedback control of uncertain discrete-time Markov jump linear systems. International Journal of Control, 2017, 90, 2368-2383.	1.2	17
69	Robust non-minimal order filter and smoother design for discrete-time uncertain systems. International Journal of Robust and Nonlinear Control, 2017, 27, 661-678.	2.1	9
70	Experimental evaluation of robust and nonrobust H<inf>â^ž</inf> controllers for three-phase grid-connected converters. , 2017, , .		0
71	H 2 and H â^ž dynamic output feedback control of continuous-time Markov systems with uncertain rates using LMIs * *Supported by the Brazilian agencies CAPES, CNPq, and FAPESP (Proc. 2014/22881-1). IFAC-PapersOnLine, 2017, 50, 11343-11348.	0.5	0
72	Gain-scheduled H 2 non-minimal order filtering design for linear parameter-varying discrete-time systems * *Supported by Brazilian agencies CAPES, CNPq, and grant 2013/05957-1, SÃ£o Paulo Research Foundation (FAPESP). IFAC-PapersOnLine, 2017, 50, 11391-11396.	0.5	0

#	Article	IF	Citations
73	H â^ž Output-Feedback Gain-Scheduled Control for Discrete-Time Linear Systems Affected by Time-Varying Parameters * *Supported by the Brazilian agencies CAPES, CNPq (Proc. 132220/2015-6), and FAPESP (Proc. 2014/22881-1). IFAC-PapersOnLine, 2017, 50, 8618-8623.	0.5	6
74	H<inf>â^ž</inf> filtering and control of discrete-time polytopic systems with state multiplicative noise. , 2017, , .		2
75	An LMI approach for robust stabilization of aperiodic uncertain sampled-data systems. , 2017, , .		1
76	Feedforward robust control based on LMIs applied to grid-connected converters. , 2016, , .		0
77	Robust Hâ^ž control for rejection of voltage disturbances in grid-connected converters. , 2016, , .		1
78	Robust control based on state observer applied to grid-connected converters. , 2016, , .		2
79	Design of a robust PI controller for a dual active bridge converter. , 2016, , .		12
80	Robust Hâ^ž filtering with auxiliary past output measurements. , 2016, , .		1
81	Fixed-Order Linear Parameter-Varying Feedback Control of a Lab-Scale Overhead Crane. IEEE Transactions on Control Systems Technology, 2016, 24, 1899-1907.	3.2	15
82	An iterative LMI based procedure for robust stabilization of continuous-time polytopic systems. , 2016, , .		6
83	LMI-based design of â„‹â^ž dynamic output feedback controllers for MJLS with uncertain transition probabilities. , 2016, , .		5
84	Robust H‹inf›2‹/inf› filtering for discrete-time uncertain systems with auxiliary past output measurements. , 2016, , .		0
85	State-feedback and filtering problems using the generalized KYP lemma. , 2016, , .		9
86	An LMI approach for H<inf>2</inf> dynamic output feedback control of discrete-time Markov systems with uncertain probabilities. , 2016, , .		1
87	Robust ‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" display="inline" overflow="scroll"›‹mml:msub›‹mml:mrow›‹mml:mi›H‹/mml:mi›‹/mml:mrow›‹mml:mrow›‹mml:mi›â^ž‹/mml:mi› ‹/mml:mrow›‹ filter design with past output measurements for uncertain discrete-time systems. Automatica, 2016, 71, 151-158.	3.0	44
88	and control design for polytopic continuousâ€time Markov jump linear systems with uncertain transition rates. International Journal of Robust and Nonlinear Control, 2016, 26, 599-612.	2.1	29
89	Linear quadratic networked control of uncertain polytopic systems. International Journal of Robust and Nonlinear Control, 2016, 26, 2299-2313.	2.1	4
90	A new approach to handle additive and multiplicative uncertainties in the measurement for LPV filtering. International Journal of Systems Science, 2016, 47, 1042-1053.	3.7	46

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91	Partial state feedback controllers applied to grid-connected converters. , 2015, , .		4
92	Robust stabilization and ℋ<inf>∞</inf> control by means of state-feedback for polytopic linear systems using LMIs and scalar searches. , 2015, , .		5
93	Robust stability analysis based on quadratic Lyapunov functions applied to power electronics. , 2015, , .		1
94	An iterative convex approach for fixed-order robust â„‹<inf>2</inf>/â„‹<inf>âˆž</inf> control of discrete-time linear systems with parametric uncertainty. , 2015, , .		0
95	Contribution to model LCL filters connected to the grid with uncertain parameters. , 2015, , .		5
96	New extended LMI characterization for state feedback control of continuous-time uncertain linear systems. , 2015, , .		4
97	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"	3.0	21
98	Robust<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0030.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>and<mml xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0004.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>âˆž</mml:mo></mml:mrow></mml:msub></mml:math>memory	2.1	24
99	Robust ℋ<inf>∞</inf> memory filters for uncertain discrete-time linear systems. , 2015, , .		2
100	Reduced-order ℋ<inf>2</inf>/ℋ<inf>∞</inf> control of discrete-time LPV systems with experimental validation on an overhead crane test setup. , 2015, , .		2
101	Robust optimal current control for gridâ€connected threeâ€phase pulseâ€width modulated converters. IET Power Electronics, 2015, 8, 1490-1499.	1.5	48
102	Discretization and event triggered digital output feedback control of LPV systems. Systems and Control Letters, 2015, 86, 54-65.	1.3	30
103	and filter design for polytopic continuousâ€time Markov jump linear systems with uncertain transition rates. International Journal of Adaptive Control and Signal Processing, 2015, 29, 1207-1223.	2.3	16
104	and nonquadratic stabilisation of discrete-time Takagiâ€“Sugeno systems based on multi-instant fuzzy Lyapunov functions. International Journal of Systems Science, 2015, 46, 76-87.	3.7	11
105	ℋ<inf>2</inf> filter design through multi-simplex modeling for discrete-time Markov jump linear systems with partly unknown transition probability matrix. , 2014, , .		5
106	Mode-Independent <inline-formula> <tex-math notation="LaTeX">${cal H}_{2}$ </tex-math> </inline-formula>-Control of a DC Motor Modeled as a Markov Jump Linear System. IEEE Transactions on Control Systems Technology, 2014, 22, 1915-1919.	3.2	93
107	Addendum to â€˜ H 2 control of discreteâ€time Markov jump linear systems with uncertain transition probability matrix: improved LMI relaxations and multiâ€simplex modelingâ€™. IET Control Theory and Applications, 2014, 8, 1605-1605.	1.2	0
108	Design and experimental implementation of a robust DLQR for three-phase grid-connected converters. , 2014, , .		1

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109	Discretization and discrete-time output feedback control of linear parameter varying continuous-time systems. , 2014, , .		3
110	Design and implementation of a discreteâ€time H â€infinity controller for uninterruptible power supply systems. IET Power Electronics, 2014, 7, 2233-2241.	1.5	32
111	LMI-Based Control for Grid-Connected Converters With LCL Filters Under Uncertain Parameters. IEEE Transactions on Power Electronics, 2014, 29, 3776-3785.	5.4	128
112	ℋ<inf>∞</inf> static output feedback control of discrete-time Markov jump linear systems with uncertain transition probability matrix. , 2014, , .		7
113	ℋ<inf>2</inf> guaranteed cost computation of discretized uncertain continuous-time systems. , 2014, , .		1
114	Robust ℋ<inf>2</inf> static output feedback to control an automotive throttle valve. , 2014, , .		6
115	*** â„‹ âˆž Filter Design through Multi-simplex Modeling for Discrete-time Markov Jump Linear Systems with Partly Unknown Transition Probability Matrix. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 5049-5054.	0.4	3
116	LMI Relaxations for $$mathcal{H }_{infty }$$ and $$mathcal{H }_{2}$$ Static Output Feedback of Takagiâ€“Sugeno Continuous-Time Fuzzy Systems. Journal of Control, Automation and Electrical Systems, 2013, 24, 33-45.	1.2	7
117	Robust state feedback control for discrete-time linear systems via LMIs with a scalar parameter. , 2013, , .		24
118	Delayâ€dependent robust â„‹ âˆž filter design for stateâ€delayed discreteâ€time linear systems via homogeneous polynomial matrices. IET Control Theory and Applications, 2013, 7, 125-135.	1.2	18
119	Digital redesign LMI conditions for state feedback controllers with an application for power electronics. , 2013, , .		3
120	â„‹ ₂ control of discreteâ€time Markov jump linear systems with uncertain transition probability matrix: improved linear matrix inequality relaxations and multiâ€simplex modelling. IET Control Theory and Applications, 2013, 7, 1665-1674.	1.2	34
121	Robust stability and stabilization of discrete-time Markov jump linear systems with partly unknown transition probability matrix. , 2013, , .		7
122	ℋ<inf>∞</inf> dynamic output feedback for LPV systems subject to inexactly measured scheduling parameters. , 2013, , .		16
123	Controlling uncertain stochastic systems: Performance comparisons in a scalar system. , 2013, , .		0
124	A new procedure for discretization and state feedback control of uncertain linear systems. , 2013, , .		19
125	H<inf>âˆž</inf> LPV filtering for discrete-time linear systems subject to additive and multiplicative uncertainties in the measurement. , 2013, , .		4
126	Robust â„‹2 control applied to boost converters: design, experimental validation and performance analysis. IET Control Theory and Applications, 2012, 6, 1881-1888.	1.2	34

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127	LMI Relaxations for Reduced-Order Robust ${cal H}_{infty}$ Control of Continuous-Time Uncertain Linear Systems. IEEE Transactions on Automatic Control, 2012, 57, 1532-1537.	3.6	89
128	Reduced-order dynamic output feedback control of continuous-time Tâ€“S fuzzy systems. Fuzzy Sets and Systems, 2012, 207, 27-44.	1.6	31
129	Robust ℌ<inf>∞</inf> control for grid connected PWM inverters with LCL filters. , 2012, , .		22
130	Gainâ€scheduled dynamic output feedback control for discreteâ€time LPV systems. International Journal of Robust and Nonlinear Control, 2012, 22, 535-558.	2.1	90
131	MPC for LPV systems with bounded parameter variations. International Journal of Control, 2011, 84, 24-36.	1.2	51
132	Robust state feedback LMI methods for continuous-time linear systems: Discussions, extensions and numerical comparisons. , 2011, , .		62
133	Discrete-time H<inf>∞</inf> control of PWM inverters: Experimental results complying with IEC 62040-3. , 2011, , .		0
134	An LMI-Based Approach to Static Output Feedback Stabilization of Tâ€”S Fuzzy Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 12593-12598.	0.4	4
135	Hâˆž Parameter-Dependent Filter Design for Arbitrarily Time-Varying LPV Systems*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 7927-7932.	0.4	6
136	Selective $hbox{scr H}_2$ and $hbox{scr H}_infty$ Stabilization of Takagiâ€“Sugeno Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2011, 19, 890-900.	6.5	67
137	Robust â„‹₂ static output feedback design starting from a parameterâ€dependent state feedback controller for timeâ€invariant discreteâ€time polytopic systems. Optimal Control Applications and Methods, 2011, 32, 1-13.	1.3	27
138	Robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0006.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0007.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>âˆž</mml:mo></mml:mrow></mml:msub></mml:math>	2.1	109
139	Improved conditions for reduced-order 𠄋<inf>∞</inf> filter design as a static output feedback problem. , 2011, , .		4
140	Robust ℋ<inf>℞</inf> filter design for polytopic linear discrete-time delay systems via LMIs and polynomial matrices. , 2011, , .		4
141	Robust current control of grid-connected converters with LCL-filter. , 2011, , .		4
142	A DLQR applied to boost converters with switched loads: Design and analysis. , 2011, , .		7
143	Improved stabilization conditions for Takagi-Sugeno fuzzy systems via fuzzy integral lyapunov functions. , 2011, , .		11
144	Robust â„‹âˆž networked control for systems with uncertain sampling rates. IET Control Theory and Applications, 2010, 4, 50-60.	1.2	27

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