

Emilia Fridman

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331
papers

12,829
citations

58
h-index

108
g-index

374
ext. papers

15,963
ext. citations

3.3
avg, IF

7.47
L-index

#	Paper	IF	Citations
331	Robust sampled-data stabilization of linear systems: an input delay approach. <i>Automatica</i> , 2004 , 40, 1441-1446	5.7	446856
330	A refined input delay approach to sampled-data control. <i>Automatica</i> , 2010 , 46, 421-427	5.7	734
329	New Lyapunov-Krasovskii functionals for stability of linear retarded and neutral type systems. <i>Systems and Control Letters</i> , 2001 , 43, 309-319	2.4	597
328	A descriptor system approach to H_2 control of linear time-delay systems. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 253-270	5.9	532
327	Delay-dependent stability and H_2 control: Constant and time-varying delays. <i>International Journal of Control</i> , 2003 , 76, 48-60	1.5	513
326	An improved stabilization method for linear time-delay systems. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 1931-1937	5.9	499
325	Introduction to Time-Delay Systems. <i>Systems and Control: Foundations and Applications</i> , 2014 ,	0.3	428
324	Wirtinger inequality and Lyapunov-based sampled-data stabilization. <i>Automatica</i> , 2012 , 48, 102-108	5.7	372
323	Stability of linear descriptor systems with delay: a Lyapunov-based approach. <i>Journal of Mathematical Analysis and Applications</i> , 2002 , 273, 24-44	1.1	249
322	Stability of Discrete-Time Systems With Time-Varying Delays via a Novel Summation Inequality. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2740-2745	5.9	217
321	Robust sampled-data control of a class of semilinear parabolic systems. <i>Automatica</i> , 2012 , 48, 826-836	5.7	195
320	Recent developments on the stability of systems with aperiodic sampling: An overview. <i>Automatica</i> , 2017 , 76, 309-335	5.7	194
319	Event-Triggered H_∞ Control: A Switching Approach. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3221-3226	5.9	191
318	Control under quantization, saturation and delay: An LMI approach. <i>Automatica</i> , 2009 , 45, 2258-2264	5.7	178
317	Exponential stability of linear distributed parameter systems with time-varying delays. <i>Automatica</i> , 2009 , 45, 194-201	5.7	170
316	Tutorial on Lyapunov-based methods for time-delay systems. <i>European Journal of Control</i> , 2014 , 20, 271-283	2.8	169
315	Stability and guaranteed cost control of uncertain discrete delay systems. <i>International Journal of Control</i> , 2005 , 78, 235-246	1.5	159

314	H ∞ control of linear state-delay descriptor systems: an LMI approach. <i>Linear Algebra and Its Applications</i> , 2002 , 351-352, 271-302	0.9	154
313	New conditions for delay-derivative-dependent stability. <i>Automatica</i> , 2009 , 45, 2723-2727	5.7	149
312	Robust H ∞ control of distributed delay systems with application to combustion control. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 1930-1935	5.9	146
311	On reachable sets for linear systems with delay and bounded peak inputs. <i>Automatica</i> , 2003 , 39, 2005-2010	5.9	133
310	Robust H ∞ filtering of linear systems with time-varying delay. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 159-165	5.9	128
309	Sampled-data . <i>Automatica</i> , 2007 , 43, 1072-1083	5.7	123
308	Effects of small delays on stability of singularly perturbed systems. <i>Automatica</i> , 2002 , 38, 897-902	5.7	118
307	Stability and L2-gain analysis of Networked Control Systems under Round-Robin scheduling: A time-delay approach. <i>Systems and Control Letters</i> , 2012 , 61, 666-675	2.4	114
306	Input/output delay approach to robust sampled-data H ∞ control. <i>Systems and Control Letters</i> , 2005 , 54, 271-282	2.4	111
305	On input-to-state stability of systems with time-delay: A matrix inequalities approach. <i>Automatica</i> , 2008 , 44, 2364-2369	5.7	109
304	H ∞ control of linear uncertain time-delay systems-a projection approach. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 680-685	5.9	105
303	Stability of linear systems with general sawtooth delay. <i>IMA Journal of Mathematical Control and Information</i> , 2010 , 27, 419-436	1.1	104
302	A new H ∞ filter design for linear time delay systems. <i>IEEE Transactions on Signal Processing</i> , 2001 , 49, 2839-2843	4.8	103
301	Input-output approach to stability and -gain analysis of systems with time-varying delays. <i>Systems and Control Letters</i> , 2006 , 55, 1041-1053	2.4	101
300	Distributed event-triggered control of diffusion semilinear PDEs. <i>Automatica</i> , 2016 , 68, 344-351	5.7	100
299	An LMI approach to H ∞ boundary control of semilinear parabolic and hyperbolic systems. <i>Automatica</i> , 2009 , 45, 2060-2066	5.7	99
298	Networked-based stabilization via discontinuous Lyapunov functionals. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 420-436	3.6	98
297	Regional stabilization and H ∞ control of time-delay systems with saturating actuators. <i>International Journal of Robust and Nonlinear Control</i> , 2003 , 13, 885-907	3.6	98

296	Sampled-Data Distributed H_{∞} Control of Transport Reaction Systems. <i>SIAM Journal on Control and Optimization</i> , 2013 , 51, 1500-1527	1.9	96
295	Stability of the heat and of the wave equations with boundary time-varying delays. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2009 , 2, 559-581	2.8	92
294	Descriptor discretized Lyapunov functional method: analysis and design. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 890-897	5.9	87
293	A Round-Robin type protocol for distributed estimation with consensus. <i>Systems and Control Letters</i> , 2014 , 69, 103-110	2.4	83
292	Dynamic quantization of uncertain linear networked control systems. <i>Automatica</i> , 2015 , 59, 248-255	5.7	79
291	Networked Control With Stochastic Scheduling. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 3071-3076	5.9	79
290	Robust Sampled Data Control of Switched Affine Systems. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 2922-2928	5.9	79
289	Sliding mode control in the presence of input delay: A singular perturbation approach. <i>Automatica</i> , 2012 , 48, 1904-1912	5.7	78
288	. <i>IEEE Transactions on Signal Processing</i> , 2004 , 52, 668-673	4.8	78
287	Parameter dependent stability and stabilization of uncertain time-delay systems. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 861-866	5.9	77
286	New bounded real lemma representations for time-delay systems and their applications. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 1973-1979	5.9	75
285	Delay-Dependent H_{∞} Control of Uncertain Discrete Delay Systems. <i>European Journal of Control</i> , 2005 , 11, 29-37	2.5	71
284	Delay-dependent methods and the first delay interval. <i>Systems and Control Letters</i> , 2014 , 64, 57-63	2.4	68
283	On delay-dependent passivity. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 664-669	5.9	66
282	Observer-based input-to-state stabilization of networked control systems with large uncertain delays. <i>Automatica</i> , 2016 , 74, 63-70	5.7	66
281	New stability conditions for systems with distributed delays. <i>Automatica</i> , 2013 , 49, 3467-3475	5.7	65
280	Static Output Feedback Sliding Mode Control Design via an Artificial Stabilizing Delay. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 256-265	5.9	65
279	Network-based . <i>Automatica</i> , 2014 , 50, 3139-3146	5.7	63

278	Survey on time-delay approach to networked control. <i>Annual Reviews in Control</i> , 2019 , 48, 57-79	10.3	62
277	Using exponential time-varying gains for sampled-data stabilization and estimation. <i>Automatica</i> , 2016 , 67, 244-251	5.7	60
276	Comments on finite-time stability of time-delay systems. <i>Automatica</i> , 2014 , 50, 1944-1947	5.7	59
275	A new Lyapunov-Krasovskii methodology for coupled delay differential and difference equations. <i>International Journal of Control</i> , 2008 , 81, 107-115	1.5	59
274	Stability of systems with uncertain delays: a new "Complete" Lyapunov-krasovskii functional. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 885-890	5.9	59
273	A new Lyapunov technique for robust control of systems with uncertain non-small delays. <i>IMA Journal of Mathematical Control and Information</i> , 2006 , 23, 165-179	1.1	58
272	Steady Modes in Relay Control Systems With Time Delay and Periodic Disturbances. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2000 , 122, 732-737	1.6	57
271	Robustness of distributed averaging control in power systems: Time delays & dynamic communication topology. <i>Automatica</i> , 2017 , 80, 261-271	5.7	54
270	Quantized Control Under Round-Robin Communication Protocol. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 4461-4471	8.9	53
269	Stability of systems with fast-varying delay using improved Wirtinger's inequality 2013 ,		51
268	On complete Lyapunov-Krasovskii functional techniques for uncertain systems with fast-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2008 , 18, 364-374	3.6	51
267	. <i>IEEE Transactions on Control Systems Technology</i> , 2012 , 20, 887-900	4.8	50
266	Robust sampled-data H_{∞} control of linear singularly perturbed systems. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 470-475	5.9	49
265	A descriptor system approach to nonlinear singularly perturbed optimal control problem. <i>Automatica</i> , 2001 , 37, 543-549	5.7	49
264	Delay-induced stability of vector second-order systems via simple Lyapunov functionals. <i>Automatica</i> , 2016 , 74, 288-296	5.7	48
263	Stabilization by using artificial delays: An LMI approach. <i>Automatica</i> , 2017 , 81, 429-437	5.7	44
262	Sliding-mode control of uncertain systems in the presence of unmatched disturbances with applications. <i>International Journal of Control</i> , 2010 , 83, 2413-2426	1.5	44
261	Decentralized networked control of systems with local networks: A time-delay approach. <i>Automatica</i> , 2016 , 69, 201-209	5.7	42

260	Distributed sampled-data control of Kuramoto-Bivashinsky equation. <i>Automatica</i> , 2018 , 95, 514-524	5.7	42
259	On delay-derivative-dependent stability of systems with fast-varying delays. <i>Automatica</i> , 2007 , 43, 1649-1655	3.5	40
258	Output regulation of nonlinear systems with delay. <i>Systems and Control Letters</i> , 2003 , 50, 81-93	2.4	39
257	Stabilization of Second Order Evolution Equations with Unbounded Feedback with Time-Dependent Delay. <i>SIAM Journal on Control and Optimization</i> , 2010 , 48, 5028-5052	1.9	38
256	Stability and passivity analysis of semilinear diffusion PDEs with time-delays. <i>International Journal of Control</i> , 2015 , 88, 180-192	1.5	37
255	Predictor-based networked control under uncertain transmission delays. <i>Automatica</i> , 2016 , 70, 101-108	5.7	37
254	Boundary control of delayed ODE heat cascade under actuator saturation. <i>Automatica</i> , 2017 , 83, 252-261	5.7	37
253	Passification-based decentralized adaptive synchronization of dynamical networks with time-varying delays. <i>Journal of the Franklin Institute</i> , 2015 , 352, 52-72	4	36
252	Sampled-data sliding mode observer for robust fault reconstruction: A time-delay approach. <i>Journal of the Franklin Institute</i> , 2014 , 351, 2125-2142	4	36
251	Sampled-data relay control of diffusion PDEs. <i>Automatica</i> , 2017 , 82, 59-68	5.7	35
250	Stabilisation of neutral systems with saturating control inputs. <i>International Journal of Systems Science</i> , 2011 , 42, 1093-1103	2.3	35
249	Networked Control Systems in the Presence of Scheduling Protocols and Communication Delays. <i>SIAM Journal on Control and Optimization</i> , 2015 , 53, 1768-1788	1.9	34
248	On the Design of Sliding-Mode Static-Output-Feedback Controllers for Systems With State Delay. <i>IEEE Transactions on Industrial Electronics</i> , 2009 , 56, 3656-3664	8.9	34
247	State-feedback H_∞ control of nonlinear singularly perturbed systems. <i>International Journal of Robust and Nonlinear Control</i> , 2001 , 11, 1115-1125	3.6	33
246	Stability of a class of delayed port-Hamiltonian systems with application to microgrids with distributed rotational and electronic generation. <i>Automatica</i> , 2016 , 74, 71-79	5.7	33
245	On Homogeneous Distributed Parameter Systems. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3657-3662	5.9	32
244	H_∞ Control of Linear Singularly Perturbed Systems with Small State Delay. <i>Journal of Mathematical Analysis and Applications</i> , 2000 , 250, 49-85	1.1	31
243	On global exponential stability preservation under sampling for globally Lipschitz time-delay systems. <i>Automatica</i> , 2017 , 82, 295-300	5.7	30

242	Discrete-time network-based control under scheduling and actuator constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1816-1830	3.6	30
241	Near-optimal H_2 control of linear singularly perturbed systems. <i>IEEE Transactions on Automatic Control</i> , 1996 , 41, 236-240	5.9	29
240	Sliding mode control of systems with time-varying delays via descriptor approach. <i>International Journal of Systems Science</i> , 2003 , 34, 553-559	2.3	28
239	Exact slow-fast decomposition of the nonlinear singularly perturbed optimal control problem. <i>Systems and Control Letters</i> , 2000 , 40, 121-131	2.4	28
238	Generalized Jensen inequalities with application to stability analysis of systems with distributed delays over infinite time-horizons. <i>Automatica</i> , 2016 , 69, 222-231	5.7	27
237	Delayed point control of a reaction-diffusion PDE under discrete-time point measurements. <i>Automatica</i> , 2018 , 96, 224-233	5.7	27
236	Observers and initial state recovering for a class of hyperbolic systems via Lyapunov method. <i>Automatica</i> , 2013 , 49, 2250-2260	5.7	27
235	Bounds on the response of a drilling pipe model. <i>IMA Journal of Mathematical Control and Information</i> , 2010 , 27, 513-526	1.1	26
234	On regional nonlinear H_∞ filtering. <i>Systems and Control Letters</i> , 1997 , 29, 233-240	2.4	26
233	H_2 state-feedback control of linear systems with small state delay. <i>Systems and Control Letters</i> , 1998 , 33, 141-150	2.4	24
232	Network-based control via a novel analysis of hybrid systems with time-varying delays 2012 ,		23
231	Distributed stabilization of Korteweg-de Vries-Burgers equation in the presence of input delay. <i>Automatica</i> , 2019 , 100, 260-273	5.7	23
230	State and unknown input observers for nonlinear systems with delayed measurements. <i>Automatica</i> , 2018 , 95, 246-253	5.7	23
229	Boundary Constrained Control of Delayed Nonlinear Schrödinger Equation. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 3873-3880	5.9	22
228	H_2 sampled data control of systems with time-delays. <i>International Journal of Control</i> , 2009 , 82, 298-309	1.5	22
227	H_2 Control of Distributed and Discrete Delay Systems via Discretized Lyapunov Functional. <i>European Journal of Control</i> , 2009 , 15, 84-94	2.5	22
226	Sampled-Data Implementation of Derivative-Dependent Control Using Artificial Delays. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 3594-3600	5.9	21
225	Disturbance Compensation With Finite Spectrum Assignment for Plants With Input Delay. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 298-305	5.9	21

224	Robust Semiglobal Stabilization of the Second Order System by Relay Feedback with an Uncertain Variable Time Delay. <i>SIAM Journal on Control and Optimization</i> , 2008 , 47, 196-217	1.9	21
223	Rejection of mismatched disturbances for systems with input delay via a predictive extended state observer. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 2457-2467	3.6	20
222	Linear interval observers under delayed measurements and delay-dependent positivity. <i>Automatica</i> , 2016 , 72, 123-130	5.7	20
221	Sliding mode control of Schrödinger equation-ODE in the presence of unmatched disturbances. <i>Systems and Control Letters</i> , 2016 , 98, 65-73	2.4	20
220	Boundary Delayed Observer-Controller Design for Reaction-Diffusion Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 275-282	5.9	20
219	Matrix inequality-based observer design for a class of distributed transport-reaction systems. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2213-2230	3.6	19
218	Constructive method for finite-dimensional observer-based control of 1-D parabolic PDEs. <i>Automatica</i> , 2020 , 122, 109285	5.7	19
217	Simple LMIs for stability of stochastic systems with delay term given by Stieltjes integral or with stabilizing delay. <i>Systems and Control Letters</i> , 2019 , 124, 83-91	2.4	19
216	Stability of linear systems with time-varying delays: A direct frequency domain approach. <i>Journal of Computational and Applied Mathematics</i> , 2007 , 200, 61-66	2.4	18
215	A Lyapunov-based approach to stability of descriptor systems with delay		18
214	A positivity-based approach to delay-dependent stability of systems with large time-varying delays. <i>Systems and Control Letters</i> , 2016 , 97, 139-148	2.4	18
213	Boundary Observers for a Reaction-Diffusion System Under Time-Delayed and Sampled-Data Measurements. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3385-3390	5.9	18
212	Estimation of solutions of observable nonlinear systems with disturbances. <i>Systems and Control Letters</i> , 2015 , 79, 47-58	2.4	17
211	Event-Triggered Load Frequency Control via Switching Approach. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 4484-4494	7	17
210	Predictor-Based Control of Systems With State Multiplicative Noise. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 914-920	5.9	17
209	Variable Structure Control With Generalized Relays: A Simple Convex Optimization Approach. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 497-502	5.9	16
208	Static Sliding Mode Control of Systems With Arbitrary Relative Degree by Using Artificial Delay. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 5464-5471	5.9	16
207	An improved time-delay implementation of derivative-dependent feedback. <i>Automatica</i> , 2018 , 98, 269-276	3.6	16

206	New stability and exact observability conditions for semilinear wave equations. <i>Automatica</i> , 2016 , 63, 1-10	5.7	15
205	Introduction to time-delay and sampled-data systems 2014 ,		15
204	On stability of linear parabolic distributed parameter systems with time-varying delays 2007 ,		15
203	Finite frequency H_{∞} control of singularly perturbed Euler-Lagrange systems: An artificial delay approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 353-374	3.6	15
202	Predictor methods for decentralized control of large-scale systems with input delays. <i>Automatica</i> , 2020 , 116, 108903	5.7	14
201	Delayed H_{∞} control of 2D diffusion systems under delayed pointlike measurements. <i>Automatica</i> , 2019 , 109, 108541	5.7	14
200	Passification-based adaptive control: Uncertain input and output delays. <i>Automatica</i> , 2015 , 54, 107-113	5.7	14
199	Wirtinger-like Lyapunov-Krasovskii functionals for discrete-time delay systems. <i>IMA Journal of Mathematical Control and Information</i> , 2018 , 35, 861-876	1.1	13
198	On design of interval observers with sampled measurement. <i>Systems and Control Letters</i> , 2016 , 96, 158-164		13
197	Stability analysis of networked control systems: A discontinuous Lyapunov functional approach 2009 ,		13
196	Robustness assessment via stability radii in delay parameters. <i>International Journal of Robust and Nonlinear Control</i> , 2009 , 19, 1405-1426	3.6	13
195	Predictor-based sampled-data exponential stabilization through continuous-discrete observers. <i>Automatica</i> , 2016 , 63, 74-81	5.7	12
194	Switching controller for stabilization of linear systems with switched time-varying delays 2009 ,		12
193	Sampled-data H_{∞} state-feedback control of systems with state delays. <i>International Journal of Control</i> , 2000 , 73, 1115-1128	1.5	12
192	Delayed finite-dimensional observer-based control of 1-D parabolic PDEs. <i>Automatica</i> , 2021 , 123, 109364.7	5.7	12
191	A Novel Approach to Exact Slow-Fast Decomposition of Linear Singularly Perturbed Systems with Small Delays. <i>SIAM Journal on Control and Optimization</i> , 2017 , 55, 236-274	1.9	11
190	Improved stability conditions for discrete-time systems under dynamic network protocols. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 4479	3.6	11
189	A switching approach to event-triggered control 2015 ,		11

188	Stability of singularly perturbed functional-differential systems: spectrum analysis and LMI approaches. <i>IMA Journal of Mathematical Control and Information</i> , 2012 , 29, 79-111	1.1	11
187	Sampled-data observers for semilinear damped wave equations under spatially sampled state measurements. <i>Automatica</i> , 2019 , 106, 150-160	5.7	10
186	Stability of the cell dynamics in acute myeloid leukemia. <i>Systems and Control Letters</i> , 2016 , 88, 91-100	2.4	10
185	On design of interval observers for parabolic PDEs. <i>IFAC-PapersOnLine</i> , 2017 , 50, 4045-4050	0.7	10
184	Robust control for a class of continuous-time dynamical systems with sample-data outputs 2009 ,		10
183	Robust H_{∞} minimum entropy static output-feedback control of singularly perturbed systems. <i>Automatica</i> , 2000 , 36, 1181-1188	5.7	10
182	Networked Control Systems: A time-delay approach 2014 ,		9
181	On robust stability of linear neutral systems with time-varying delays. <i>IMA Journal of Mathematical Control and Information</i> , 2008 , 25, 393-407	1.1	9
180	Robust H_2 filtering of linear systems with time delays. <i>International Journal of Robust and Nonlinear Control</i> , 2003 , 13, 983-1010	3.6	9
179	H_{∞} norm and invariant manifolds of systems with state delays. <i>Systems and Control Letters</i> , 1999 , 36, 157-165	2.4	9
178	Exponential Stabilization of Delay Neutral Systems under Sampled-Data Control 2005 ,		8
177	Finite horizon H_{∞} state-feedback control of continuous-time systems with state delays. <i>IEEE Transactions on Automatic Control</i> , 2000 , 45, 2406-2411	5.9	8
176	Interval observer design and control of uncertain non-homogeneous heat equations. <i>Automatica</i> , 2020 , 111, 108595	5.7	8
175	A PDE approach to deployment of mobile agents under leader relative position measurements. <i>Automatica</i> , 2019 , 106, 47-53	5.7	7
174	Boundary control of reaction-diffusion equation with state-delay in the presence of saturation * *This work was supported by Israel Science Foundation (grant No 1128/14).. <i>IFAC-PapersOnLine</i> , 2017 , 50, 12002-12007	0.7	7
173	Delay-dependent positivity: Application to interval observers 2015 ,		7
172	Distributed event-triggered control of transport-reaction systems. <i>IFAC-PapersOnLine</i> , 2015 , 48, 593-597.	0.7	7
171	Exact slow-fast decomposition of a class of non-linear singularly perturbed optimal control problems via invariant manifolds. <i>International Journal of Control</i> , 1999 , 72, 1609-1618	1.5	7

170	Observer Design For a Class of Parabolic Systems With Large Delays and Sampled Measurements. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 2200-2206	5.9	7
169	Averaging of linear systems with almost periodic coefficients: A time-delay approach. <i>Automatica</i> , 2020 , 122, 109287	5.7	7
168	Sub-predictors for network-based control under uncertain large delays. <i>Automatica</i> , 2021 , 123, 109350	5.7	7
167	Stability of a class of delayed port-Hamiltonian systems with application to droop-controlled microgrids 2015 ,		6
166	Discussion on: Stabilization of Networked Control Systems with Data Packet Dropout and Transmission Delays: Continuous-Time Case <i>European Journal of Control</i> , 2005 , 11, 53-55	2.5	6
165	Finite-dimensional control of the Kuramoto-Sivashinsky equation under point measurement and actuation 2020 ,		6
164	Robust predictive extended state observer for a class of nonlinear systems with time-varying input delay. <i>International Journal of Control</i> , 2020 , 93, 217-225	1.5	6
163	. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 691-703	4.8	6
162	HControl of Nonlinear Singularly Perturbed Systems and Invariant Manifolds 1995 , 25-45		6
161	Converse Lyapunov-Krasovskii theorem for ISS of neutral systems in Sobolev spaces. <i>Automatica</i> , 2020 , 118, 109042	5.7	5
160	Networked Control Under Communication Constraints. <i>Advances in Delays and Dynamics</i> , 2020 ,	0.3	5
159	Discrete-time network-based control under Try-Once-Discard protocol and actuator constraints 2014 ,		5
158	Stability of piecewise affine systems with state-dependent delay, and application to congestion control 2013 ,		5
157	Discontinuous Lyapunov Functional for Linear Systems with Sawtooth Delays*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 347-352		5
156	A projection approach to H_{∞} control of time-delay systems 2004 ,		5
155	STABILIZATION OF NEUTRAL SYSTEMS WITH SATURATING INPUTS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 448-453		5
154	Network-based control of a semilinear damped beam equation under point and pointlike measurements. <i>Systems and Control Letters</i> , 2020 , 136, 104617	2.4	5
153	Event-triggered control of Korteweg-de Vries equation under averaged measurements. <i>Automatica</i> , 2021 , 123, 109315	5.7	5

152	On hyper-exponential output-feedback stabilization of a double integrator by using artificial delay 2018 ,		5
151	Sliding Mode Observer for Robust Fault Reconstruction of Time Delay Systems. <i>Advances in Delays and Dynamics</i> , 2016 , 183-203	0.3	4
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