

Huanshui Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

231 papers	3,129 citations	31 h-index	49 g-index
300 ext. papers	4,245 ext. citations	3.5 avg, IF	5.9 L-index

#	Paper	IF	Citations
231	Solution to forward-backward stochastic differential equations with random coefficients and application to deterministic optimal control. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	
230	Decentralized LQG Control with d-Step Delayed Information Sharing Pattern. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	0
229	Optimal control and stabilization for linear continuous-time mean-field systems with delay. <i>IET Control Theory and Applications</i> , 2022 , 16, 283	2.5	0
228	Explicit Solution to the FBSDEs with Asymmetric Information and Application. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	
227	LQR for Ito systems with input delays. <i>IFAC-PapersOnLine</i> , 2021 , 54, 151-156	0.7	
226	Stabilization of Discrete-Time Multiplicative-Noise System under Decentralized Controllers. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	
225	Optimal Control and Stabilization for Discrete-Time Markov Jump Linear Systems with Input Delay. <i>SIAM Journal on Control and Optimization</i> , 2021 , 59, 3524-3551	1.9	0
224	Optimal Control and Stabilization for Itô Systems with Input Delay. <i>Journal of Systems Science and Complexity</i> , 2021 , 34, 1895-1926	1	0
223	Indefinite Linear Quadratic Mean Field Social Control Problems With Multiplicative Noise. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 5221-5236	5.9	1
222	Stackelberg solution for a two-agent rational expectations model. <i>Automatica</i> , 2021 , 129, 109601	5.7	1
221	Solution to Delayed Forward and Backward Stochastic Difference Equations and Its Applications. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1407-1413	5.9	2
220	Distributed convex optimization based on ADMM and belief propagation methods. <i>Asian Journal of Control</i> , 2021 , 23, 1040-1051	1.7	1
219	Output Feedback Control for Irregular LQ Problem 2021 , 5, 875-880		1
218	Stabilization and optimal control of discrete-time systems with multiplicative noise and multiple input delays. <i>Systems and Control Letters</i> , 2021 , 147, 104833	2.4	1
217	-Finite-time stabilization of continuous-time systems with optimal performance. <i>Optimal Control Applications and Methods</i> , 2021 , 42, 590-602	1.7	0
216	Linear Optimal Estimation for Discrete-time and Continuous-time Systems with Multiple Measurement Delays. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 1194-1204	2.9	1
215	Feedback Stabilization of Uncertain Networked Control Systems Over Delayed and Fading Channels. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 260-268	4	6

214	Optimal Control and Stabilization for Networked Systems With Input Delay and Markovian Packet Losses. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4453-4465	7.3	4
213	Linear Quadratic Optimal Control for Discrete-time Mean-field Systems with Input Delay. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	0
212	Decentralized Control for Networked Control Systems with Asymmetric Information. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	5
211	Stabilization analysis for Markov jump systems with multiplicative noise and indefinite weight costs. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	2
210	Optimal Control for Stochastic Systems With Multiple Controllers of Different Information Structures. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4160-4175	5.9	2
209	Optimal control for discrete-time NCSs with input delay and Markovian packet losses: Hold-input case. <i>Automatica</i> , 2021 , 132, 109806	5.7	1
208	The difference and unity of irregular LQ control and standard LQ control and its solution. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2021 , 27, S31	1	0
207	H_∞ Control for Stochastic Systems with Disturbance Preview. <i>SIAM Journal on Control and Optimization</i> , 2020 , 58, 215-242	1.9	4
206	Exact Consensus Error for Multi-agent Systems with Additive Noises. <i>Journal of Systems Science and Complexity</i> , 2020 , 33, 640-651	1	3
205	Optimal Control and Stabilization for Networked Control Systems With Asymmetric Information. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 1355-1365	4	10
204	Nash Equilibrium Strategy for Networked Control Systems with State-Package Dropouts 2020 ,		1
203	Integrated stabilisation policy over multipath routing-enabled network. <i>IET Control Theory and Applications</i> , 2020 , 14, 3312-3319	2.5	0
202	Standard solution to mixed H_2/H_∞ control with regular Riccati equation. <i>IET Control Theory and Applications</i> , 2020 , 14, 3643-3651	2.5	0
201	Optimal control and stabilisation for large-scale systems with imposed constraints. <i>IET Control Theory and Applications</i> , 2020 , 14, 1300-1307	2.5	1
200	LQG control on mixed H_2/H_∞ problem: the discrete-time case. <i>International Journal of Systems Science</i> , 2020 , 51, 191-201	2.3	0
199	Bounded consensus control for stochastic multi-agent systems with additive noises. <i>Neurocomputing</i> , 2020 , 408, 72-79	5.4	5
198	Mean field linear quadratic control: Uniform stabilization and social optimality. <i>Automatica</i> , 2020 , 121, 109088	5.7	4
197	Stabilization control for Itô stochastic system with indefinite state and control weight costs. <i>International Journal of Control</i> , 2020 , 1-8	1.5	2

196	Linear quadratic regulation for discrete-time systems with input delay and colored multiplicative noise. <i>Systems and Control Letters</i> , 2020 , 143, 104740	2.4	1
195	Finite-Time Average Consensus Based Approach for Distributed Convex Optimization. <i>Asian Journal of Control</i> , 2020 , 22, 323-333	1.7	0
194	Solution to Mixed H ₂ /H _∞ Control for Discrete-Time Systems with (x,u,v) Dependent Noise. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 273-285	2.9	4
193	Further results on stabilization for NCSs with packet losses and transmission delay: UDP case. <i>Journal of the Franklin Institute</i> , 2019 , 356, 4601-4621	4	6
192	Optimal control of a class of semi-linear stochastic evolution equations with applications. <i>IET Control Theory and Applications</i> , 2019 , 13, 602-608	2.5	2
191	Decentralized control for linear systems with multiple input channels. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	15
190	Optimal control with irregular performance. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	11
189	Stackelberg Game Approach to Mixed H ₂ /H _∞ Problem for Continuous-Time System. <i>Journal of Systems Science and Complexity</i> , 2019 , 32, 1324-1339	1	1
188	Towards End-to-End Scene Text Spotting by Sharing Convolutional Feature Map 2019 ,		1
187	Indefinite Linear Quadratic Mean Field Social Control with Multiplicative Noise 2019 ,		1
186	Exponential Mean Square Stabilization for Itô Stochastic Systems with Input Delay 2019 ,		1
185	Optimal Control Problem for Discrete-Time Systems with Colored Multiplicative Noise 2019 ,		1
184	Mean-field games for multiagent systems with multiplicative noises. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 6081-6104	3.6	4
183	Consensusability of Multiagent Systems With Delay and Packet Dropout Under Predictor-Like Protocols. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3506-3513	5.9	22
182	Stabilization Control for Linear Continuous-Time Mean-Field Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3461-3468	5.9	17
181	Optimal Stabilization Control for Discrete-Time Mean-Field Stochastic Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1125-1136	5.9	17
180	Solution to stochastic LQ control problem for Itô systems with state delay or input delay. <i>Systems and Control Letters</i> , 2018 , 113, 86-92	2.4	2
179	Optimal Output Feedback Control and Stabilization for NCSs with Packet Dropout and Delay: TCP Case. <i>Journal of Systems Science and Complexity</i> , 2018 , 31, 147-160	1	6

178	Solution to Delayed FBSDEs and Application to the Stochastic LQ Problem With Input Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 769-773	3.5	2
177	Constrained consensus of discrete-time multi-agent systems with time delay. <i>International Journal of Systems Science</i> , 2018 , 49, 947-953	2.3	10
176	Consensus control for a network of high order continuous-time agents with communication delays. <i>Automatica</i> , 2018 , 89, 144-150	5.7	22
175	Achievable delay margin using LTI control for plants with unstable complex poles. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	9
174	A new distributed Kalman filtering based on means-square estimation upper bounds. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4032-4049	4	4
173	Delay-Dependent Algebraic Riccati Equation to Stabilization of Networked Control Systems: Continuous-Time Case. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2783-2794	10.2	11
172	Consensus Error Calculation for Multiagent Systems With Both System and Measurement Noises. <i>IEEE Transactions on Control of Network Systems</i> , 2018 , 5, 1457-1466	4	8
171	Output Feedback Control and Stabilization for Multiplicative Noise Systems With Intermittent Observations. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2128-2138	10.2	16
170	General linear forward and backward Stochastic difference equations with applications. <i>Automatica</i> , 2018 , 96, 40-50	5.7	7
169	Mean field stochastic linear quadratic games for continuum-parameterized multi-agent systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 5240-5255	4	4
168	A leader-follower stochastic linear quadratic differential game with time delay. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	19
167	Optimal Control Problem for Discrete-Time Markov Jump Systems with Indefinite Weight Costs. <i>Lecture Notes in Computer Science</i> , 2018 , 144-152	0.9	2
166	Distributed Consensus of Third-order Multi-agent Systems with Communication Delay. <i>Asian Journal of Control</i> , 2018 , 20, 956-961	1.7	5
165	Optimal Control for Remote and Local Controllers with Packet Dropout and Input Delay 2018 ,		1
164	Linear Quadratic Optimal Control for Discrete-time Markov Jump Linear Systems* 2018 ,		3
163	A Stackelberg strategy for continuous-time mixed H ₂ /H _∞ control problem with time delay. <i>Control Theory and Technology</i> , 2018 , 16, 191-202	1	1
162	Mixed control for discrete-time systems with input delay. <i>IET Control Theory and Applications</i> , 2018 , 12, 2221-2231	2.5	4
161	Linear quadratic regulation for discrete-time systems with multiplicative noise and multiple input delays. <i>Optimal Control Applications and Methods</i> , 2017 , 38, 295-316	1.7	6

160	Control for Itô Stochastic Systems With Input Delay. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 350-365	5.9	46
159	Output Feedback Control and Stabilization for Networked Control Systems With Packet Losses. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2223-2234	10.2	30
158	Receding horizon control for discrete-time multiple input delay systems. <i>Optimal Control Applications and Methods</i> , 2017 , 38, 1187-1192	1.7	4
157	Performance comparison of distributed state estimation algorithms for power systems. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 595-615	1	5
156	Receding horizon control for multiplicative noise stochastic systems with input delay. <i>Automatica</i> , 2017 , 81, 390-396	5.7	18
155	On stabilization of Itô stochastic time-varying systems. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 818-827	1	1
154	Solution to stochastic LQR problem with multiple inputs. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 568-578	1	2
153	Linear optimal filter for system subject to random delay and packet dropout. <i>Optimal Control Applications and Methods</i> , 2017 , 38, 880-892	1.7	1
152	Optimal Control and Stabilization for Networked Control Systems With Packet Dropout and Input Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 1087-1091	3.5	38
151	Delayed Optimal Control of Stochastic LQ Problem. <i>SIAM Journal on Control and Optimization</i> , 2017 , 55, 3370-3407	1.9	7
150	Linear quadratic regulation for Itô system with state delays 2017 ,		1
149	Distributed dynamic state estimation with parameter identification for large-scale systems. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6200-6216	4	3
148	Consensus problems for discrete-time agents with communication delay. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1515-1523	2.9	33
147	A new approach to distributed control for multi-agent systems based on approximate upper and lower bounds. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 2507-2515	2.9	10
146	Time-inconsistent stochastic linear quadratic control for discrete-time systems. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	13
145	Solution to Discrete-Time Linear FBSDEs with Application to Stochastic Control Problem. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6602-6607	5.9	3
144	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017 , 53, 3079-3090	3.7	6
143	Consensus for high-order multi-agent systems with communication delay. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	17

142	Consensus conditions for general second-order multi-agent systems with communication delay. <i>Automatica</i> , 2017 , 75, 293-298	5.7	98
141	Optimal sensor scheduling for multiple linear dynamical systems. <i>Automatica</i> , 2017 , 75, 260-270	5.7	56
140	Necessary and Sufficient Stabilizing Conditions for Networked Control Systems With Simultaneous Transmission Delay and Packet Dropout. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4011-4016	5.9	23
139	Optimal LQ control for NCSs with packet dropout and delay 2017 ,		1
138	Necessary and Sufficient Solution to Optimal Control for Linear Continuous Time Mean-field System. <i>IFAC-PapersOnLine</i> , 2017 , 50, 1495-1501	0.7	4
137	Linear Quadratic Gaussian Control for Discrete-time Systems with Delay and Multiplicative Noise. <i>IFAC-PapersOnLine</i> , 2017 , 50, 3847-3852	0.7	1
136	On delay-dependent algebraic Riccati equation. <i>IET Control Theory and Applications</i> , 2017 , 11, 2506-2513	2.5	1
135	The recovery of sparse initial state based on compressed sensing for discrete-time linear system. <i>Neurocomputing</i> , 2016 , 171, 1617-1621	5.4	2
134	Robust consensus for linear multi-agent systems with noises. <i>IET Control Theory and Applications</i> , 2016 , 10, 2348-2356	2.5	11
133	Consensusability of linear multi-agent systems with time delay. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 2529-2541	3.6	19
132	Distributed design of approximately optimal controller for identical discrete-time multi-agent systems. <i>Journal of Systems Science and Complexity</i> , 2016 , 29, 629-641	1	3
131	Further Results on the Achievable Delay Margin Using LTI Control. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3134-3139	5.9	19
130	Sufficient and Necessary Open-Loop Stackelberg Strategy for Two-Player Game With Time Delay. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 438-49	10.2	26
129	Optimal control for mean-field system: Discrete-time case 2016 ,		5
128	A necessary and sufficient stabilization condition for discrete time-varying stochastic systems with multiplicative noise. <i>Control Theory and Technology</i> , 2016 , 14, 151-158	1	
127	Observer-based robust consensus control for multi-agent systems with noises. <i>Neurocomputing</i> , 2016 , 207, 408-415	5.4	9
126	Dynamic state estimation for power networks using distributed MAP technique. <i>Automatica</i> , 2016 , 73, 27-37	5.7	20
125	Necessary and Sufficient Condition for Two-Player Stackelberg Strategy. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 1356-1361	5.9	25

124	Stabilization of networked control systems with both network-induced delay and packet dropout. <i>Automatica</i> , 2015 , 59, 194-199	5.7	91
123	Distributed suboptimal controller synthesis for multi-agent systems. <i>International Journal of Control, Automation and Systems</i> , 2015 , 13, 634-642	2.9	3
122	Linear Quadratic Regulation and Stabilization of Discrete-Time Systems With Delay and Multiplicative Noise. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2599-2613	5.9	97
121	Consensus seeking for discrete-time multi-agent systems with communication delay. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2015 , 2, 151-157	7	15
120	Linear quadratic regulation for discrete-time systems with state delays and multiplicative noise. <i>Control Theory and Technology</i> , 2015 , 13, 348-359	1	3
119	The design of distributed suboptimal controller for multi-agent systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 2829-2842	3.6	2
118	Optimal control for network control systems with state-package dropouts 2015 ,		4
117	Design and Analysis of Distributed Optimal Controller for Identical Multiagent Systems. <i>Asian Journal of Control</i> , 2015 , 17, 263-273	1.7	13
116	Quantized output feedback control with multiplicative measurement noises. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1338-1351	3.6	6
115	Necessary and sufficient stabilizing conditions for networked control systems with simultaneous transmission delay and packet dropout 2015 ,		2
114	. <i>IEEE Transactions on Control of Network Systems</i> , 2015 , 2, 358-369	4	3
113	Consensus problems in networks of agents with communication delay 2015 ,		2
112	Consensus error of the linear multi-agent systems with both system noises and measurement noises 2015 ,		1
111	A distributed MAP approach to dynamic state estimation with applications in power networks 2015 ,		1
110	Game theory approach to optimal control problem with multi-channel control. <i>International Journal of Control, Automation and Systems</i> , 2015 , 13, 58-64	2.9	2
109	Stochastic recursive optimal control problem with time delay and applications. <i>Mathematical Control and Related Fields</i> , 2015 , 5, 859-888	1.5	5
108	Dynamic sensor transmission power scheduling for remote state estimation. <i>Automatica</i> , 2014 , 50, 1235-1242	5.7	37
107	Globally optimal real-time distributed fusion of multi-channel observation systems. <i>IET Control Theory and Applications</i> , 2014 , 8, 384-388	2.5	0

106	Stochastic control for discrete-time systems with input delay 2014 ,		1
105	Human body detection of Wireless Sensor Network based on RSSI 2014 ,		1
104	Consensus design for continuous-time multi-agent systems with communication delay. <i>Journal of Systems Science and Complexity</i> , 2014 , 27, 701-711	1	8
103	Sensor selection based on the fisher information of the Kalman filter for target tracking in WSNs 2014 ,		7
102	Consensusability of multi-agent systems with time-varying communication delay. <i>Systems and Control Letters</i> , 2014 , 65, 37-42	2.4	43
101	Containment control of multi-agent systems by exploiting the control inputs of neighbors. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2803-2818	3.6	36
100	Discrete-Time H ₂ Control Problem in Finite Horizon. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	2
99	The design and analysis of the distributed suboptimal controller 2014 ,		1
98	Optimal state estimation using randomly delayed measurements without time stamping. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2653-2668	3.6	4
97	Selection of Logistic Web Services Based on Fuzzy Evaluation on Principal Component of Quality of Service. <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , 2014 , 18, 798-804	0.4	
96	Optimal linear estimation for continuous stochastic systems with random observation delays. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 359-380	3.6	3
95	Quantized stabilization for stochastic discrete-time systems with multiplicative noises. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 591-601	3.6	13
94	Real-time Kalman filtering based on distributed measurements. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 1597-1608	3.6	14
93	Three-dimensional pursuer convoy by using guidance laws. <i>Journal of Control Theory and Applications</i> , 2013 , 11, 442-453		0
92	Optimal filtering for networked systems with Markovian communication delays. <i>Automatica</i> , 2013 , 49, 3097-3104	5.7	39
91	LQ control for Itô-type stochastic systems with input delays. <i>Automatica</i> , 2013 , 49, 3538-3549	5.7	20
90	Containment control of discrete-time multi-agent systems based on delayed neighbours information 2013 ,		3
89	Collaborative target tracking in WSNs using the combination of maximum likelihood estimation and Kalman filtering. <i>Journal of Control Theory and Applications</i> , 2013 , 11, 27-34		10

88	Optimal Filtering for $\hat{\mathbf{I}}_t$ -Stochastic Continuous-Time Systems With Multiple Delayed Measurements. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1872-1877	5.9	18
87	Input delay margin for consensusability of multi-agent systems. <i>Automatica</i> , 2013 , 49, 1816-1820	5.7	58
86	A new distributed localization method for sensor networks 2013 ,		8
85	Target tracking in wireless sensor networks using sequential implementation of the extended Kalman filter 2013 ,		1
84	How Can Online Schedules Improve Communication and Estimation Tradeoff?. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 1625-1631	4.8	27
83	State estimation subject to random network delays without time stamping 2013 ,		1
82	Localizability and Distributed Localization of Sensor Networks using Relative Position Measurements. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 1-6		2
81	Optimal linear estimator for discrete-time systems with random delays. <i>Journal of Control Theory and Applications</i> , 2012 , 10, 19-27		1
80	H ∞ Filtering for continuous-time systems with pointwise time-varying delay. <i>Journal of Systems Science and Complexity</i> , 2012 , 25, 90-104	1	1
79	Stochastic Approximation Approach for Consensus and Convergence Rate Analysis of Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 3163-3168	5.9	20
78	Target Tracking in Wireless Sensor Networks Based on the Combination of KF and MLE Using Distance Measurements. <i>IEEE Transactions on Mobile Computing</i> , 2012 , 11, 567-576	4.6	122
77	Convergence and Mean Square Stability of Suboptimal Estimator for Systems With Measurement Packet Dropping. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 1248-1253	5.9	59
76	New results on node localizable conditions for sensor networks 2012 ,		2
75	Optimal control for stochastic discrete-time systems with multiple input-delays 2012 ,		2
74	Adapted and casual maximum principle and analytical solution to optimal control for stochastic multiplicative-noise systems with multiple input-delays 2012 ,		13
73	Scheduling Two Gauss-Markov Systems: An Optimal Solution for Remote State Estimation Under Bandwidth Constraint. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 2038-2042	4.8	66
72	Optimal filtering on continuous-time systems with Markovian communication delays and packet dropouts 2012 ,		3
71	Consensus and convergence rate analysis for multi-agent systems with time delay 2012 ,		2

70	Target tracking based on the extended H-infinity filter in wireless sensor networks. <i>Journal of Control Theory and Applications</i> , 2011 , 9, 479-486		6
69	Distributed consensus for multi-agent systems with delays and noises in transmission channels. <i>Automatica</i> , 2011 , 47, 920-934	5.7	165
68	Linear estimation for random delay systems. <i>Systems and Control Letters</i> , 2011 , 60, 450-459	2.4	42
67	Non-line of Sight Error Mitigation in UWB Ranging Systems Using Information Fusion. <i>Lecture Notes in Electrical Engineering</i> , 2011 , 969-976	0.2	2
66	2010 ,		1
65	Linear estimation for random delay systems 2010 ,		3
64	Spectral factorization for multiple input delayed discrete-time systems with applications to control. <i>International Journal of Control, Automation and Systems</i> , 2010 , 8, 662-666	2.9	1
63	On the H ₂ deconvolution fixed-lag smoothing. <i>International Journal of Control, Automation and Systems</i> , 2010 , 8, 896-902	2.9	5
62	H ₂ filtering for discrete-time systems with time-varying delay. <i>International Journal of Control, Automation and Systems</i> , 2010 , 8, 1159-1170	2.9	4
61	Infinite horizon LQR for systems with multiple delays in a single input channel. <i>Journal of Control Theory and Applications</i> , 2010 , 8, 368-374		4
60	Linear quadratic regulation for systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 285-300	3.6	3
59	Linear quadratic tracking problem for discrete-time systems with multiple delays in single input channel. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 1379-1394	3.6	9
58	OPTIMAL FILTERING IN DISCRETE-TIME SYSTEMS WITH TIME DELAYS AND MARKOVIAN JUMP PARAMETERS. <i>ANZIAM Journal</i> , 2009 , 51, 218-233	0.5	3
57	H-infinity deconvolution filtering: a Krein space approach in state-space setting. <i>Journal of Control Theory and Applications</i> , 2009 , 7, 185-191		4
56	Filtering for discrete-time linear noise delay systems. <i>International Journal of Control, Automation and Systems</i> , 2009 , 7, 852-857	2.9	4
55	Optimal estimation for continuous-time Markovian jump linear systems with delayed measurements. <i>International Journal of Control, Automation and Systems</i> , 2009 , 7, 871-881	2.9	2
54	l ₂ -Filtering Design for Piecewise Discrete-Time Linear Systems. <i>Circuits, Systems, and Signal Processing</i> , 2009 , 28, 883-898	2.2	2
53	Linear optimal filtering for discrete-time systems with random jump delays. <i>Signal Processing</i> , 2009 , 89, 1121-1128	4.4	35

52	New results of almost periodic solutions for cellular neural networks with mixed delays. <i>Chaos, Solitons and Fractals</i> , 2009 , 40, 831-838	9.3	2
51	Stochastic linear quadratic regulation for discrete-time linear systems with input delay. <i>Automatica</i> , 2009 , 45, 2067-2073	5.7	14
50	Indefinite linear quadratic optimal control problem for singular discrete-time system with multiple input delays. <i>Automatica</i> , 2009 , 45, 2458-2461	5.7	10
49	Steady-State Optimal Filtering for Continuous Systems With Time-Delay. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 628-631	3.2	6
48	New estimator and duality of control for multiplicative noise systems with applications to packet dropping and multiple input delay systems 2009 ,		3
47	Scheduling of Transmission Order for Systems With Shared Communication Medium. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 1184-1189		
46	. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 819-827	6.8	6
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7	Linear quadratic regulation for linear time-varying systems with multiple input delays part II: continuous-time case		1
6	Linear quadratic regulation for linear time-varying systems with multiple input delays part I: discrete-time case		3
5	Stochastic H_2/H_{∞} Control with (x,u,v) -dependent Noise		4
4	A unified approach to linear estimation for discrete-time systems. I. H_2 estimation		5
3	A unified approach to linear estimation for discrete-time systems. II. H_{∞} estimation		3
2	Optimal recursive state estimation for singular stochastic discrete-time systems		1
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