

Minyue Fu

List of Publications by Year in descending order

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334
papers

10,773
citations

31976

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all docs

336
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336
times ranked

5422
citing authors

#	ARTICLE	IF	CITATIONS
1	A distributed adaptive scheme for multiagent systems. Asian Journal of Control, 2022, 24, 46-57.	3.0	9
2	Q -Learning for Feedback Nash Strategy of Finite-Horizon Nonzero-Sum Difference Games. IEEE Transactions on Cybernetics, 2022, 52, 9170-9178.	9.5	8
3	High-Precision Tracking of Periodic Signals: A Macro-Micro Approach With Quantized Feedback. IEEE Transactions on Industrial Electronics, 2022, 69, 8325-8334.	7.9	3
4	Synthesis and L_2 -gain analysis for switched systems under event-triggered switching. Asian Journal of Control, 2022, 24, 1247-1260.	3.0	3
5	Decentralized social-optimal solution of finite number of average field linear quadratic control. Asian Journal of Control, 2022, 24, 1916-1927.	3.0	2
6	Distributed Newton Optimization With Maximized Convergence Rate. IEEE Transactions on Automatic Control, 2022, 67, 5555-5562.	5.7	3
7	Asymptotic convergence of a distributed weighted least squares algorithm for networked systems with vector node variables. Systems and Control Letters, 2022, 165, 105265.	2.3	0
8	Statistical Approach to Detection of Attacks for Stochastic Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2021, 66, 849-856.	5.7	9
9	The Vulnerability of Cyber-Physical System Under Stealthy Attacks. IEEE Transactions on Automatic Control, 2021, 66, 637-650.	5.7	69
10	Distributed convex optimization based on ADMM and belief propagation methods. Asian Journal of Control, 2021, 23, 1040-1051.	3.0	2
11	A Fast Distributed Solver for Linear Systems Under Generalized Diagonal Dominance. IEEE Transactions on Automatic Control, 2021, 66, 2423-2429.	5.7	7
12	Multiple-Vehicle Localization Using Maximum Likelihood Kalman Filtering and Ultra-Wideband Signals. IEEE Sensors Journal, 2021, 21, 4949-4956.	4.7	27
13	Distributed Algorithms for Average Consensus of Input Data With Fast Convergence. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2653-2664.	9.3	13
14	Identification of Continuous-time Linear Time-varying Systems with Abrupt Changes in Parameters. IFAC-PapersOnLine, 2021, 54, 339-344.	0.9	1
15	Convergence Properties of Message-Passing Algorithm for Distributed Convex Optimisation With Scaled Diagonal Dominance. IEEE Transactions on Signal Processing, 2021, 69, 3868-3877.	5.3	3
16	Switching Adaptive Control. , 2021, , 2261-2266.		1
17	Dynamic Indoor Localization Using Maximum Likelihood Particle Filtering. Sensors, 2021, 21, 1090.	3.8	15
18	Distributed Kalman estimation with decoupled local filters. Automatica, 2021, 130, 109724.	5.0	8

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19	Convergence and Accuracy Analysis for a Distributed Static State Estimator Based on Gaussian Belief Propagation. IEEE Transactions on Automatic Control, 2021, 66, 4785-4791.	5.7	1
20	Optimal Control and Stabilization for Discrete-Time Markov Jump Linear Systems with Input Delay. SIAM Journal on Control and Optimization, 2021, 59, 3524-3551.	2.1	6
21	High Precision Over Long Range: A Macro-Micro Approach to Quantized Positioning Systems. IEEE Transactions on Control Systems Technology, 2021, 29, 2406-2415.	5.2	6
22	Distributed Target Tracking Using Maximum Likelihood Kalman Filter with Non-linear Measurements. IEEE Sensors Journal, 2021, , 1-1.	4.7	0
23	Finite-Time Average Consensus Based Approach for Distributed Convex Optimization. Asian Journal of Control, 2020, 22, 323-333.	3.0	9
24	Multi-sensor state estimation over lossy channels using coded measurements. Automatica, 2020, 111, 108561.	5.0	83
25	Finite-Time Control of a Linear Motor Positioner Using Adaptive Recursive Terminal Sliding Mode. IEEE Transactions on Industrial Electronics, 2020, 67, 6659-6668.	7.9	134
26	Distributed weighted least-squares estimation for networked systems with edge measurements. Automatica, 2020, 120, 109091.	5.0	5
27	Stochastic stabilization and destabilization of nonlinear and time-varying hybrid systems by noise. International Journal of Robust and Nonlinear Control, 2020, 30, 6241-6261.	3.7	3
28	Quantitative bounds for general Razumikhin-type functional differential inequalities with applications. Communications in Nonlinear Science and Numerical Simulation, 2020, 86, 105253.	3.3	1
29	Asymptotic properties of statistical estimators using multivariate Chi-squared measurements. , 2020, 103, 102754.		0
30	Convergence rate analysis of Gaussian belief propagation for Markov networks. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 668-673.	13.1	5
31	Distributed optimization algorithm for economic dispatch: A bisectional approach. , 2020, , 177-202.		0
32	Fingerprinting-Based Indoor Localization Using Interpolated Preprocessed CSI Phases and Bayesian Tracking. Sensors, 2020, 20, 2854.	3.8	22
33	Switching Adaptive Control. , 2020, , 1-6.		0
34	Mean Field LQ Games with a Finite Number of Agents. , 2020, , .		0
35	Adaptive Consensus of Nonlinearly Parameterized Multi-Agent Systems. , 2019, 3, 505-510.		7
36	Optimal control of a class of semi-linear stochastic evolution equations with applications. IET Control Theory and Applications, 2019, 13, 602-608.	2.1	2

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37	Mean-square stabilizability via output feedback for a non-minimum phase networked feedback system. Automatica, 2019, 105, 142-148.	5.0	3
38	Distributed event-driven control for finite-time consensus. Automatica, 2019, 103, 88-95.	5.0	80
39	Convergence Analysis of a New Distributed Algorithm for Networked Estimation. , 2019, , .		1
40	Reducing Quantization Effects in Motion Control via Dual-Stage Actuators and Induced Oscillations. , 2019, , .		1
41	Leader-follower stochastic differential games under partial observation. , 2019, , .		2
42	H \tilde{a} state estimation via asynchronous filtering for descriptor Markov jump systems with packet losses. Signal Processing, 2019, 154, 159-167.	3.7	34
43	Nested adaptive super-twisting sliding mode control design for a vehicle steer-by-wire system. Mechanical Systems and Signal Processing, 2019, 122, 658-672.	8.0	84
44	Stability of Kalman filtering with a random measurement equation: Application to sensor scheduling with intermittent observations. Automatica, 2019, 99, 390-402.	5.0	15
45	Predictive control for networked systems affected by correlated packet loss. International Journal of Robust and Nonlinear Control, 2019, 29, 5078-5094.	3.7	6
46	Optimal Stabilization Control for Discrete-Time Mean-Field Stochastic Systems. IEEE Transactions on Automatic Control, 2019, 64, 1125-1136.	5.7	37
47	Finite-Time \mathcal{H}_{∞} Filtering for Nonlinear Singular Systems With Nonhomogeneous Markov Jumps. IEEE Transactions on Cybernetics, 2019, 49, 2133-2143.	9.5	66
48	A Filter-based Clock Synchronization Protocol for Wireless Sensor Networks. Asian Journal of Control, 2019, 21, 1389-1403.	3.0	6
49	Covariance Intersection for Partially Correlated Random Vectors. IEEE Transactions on Automatic Control, 2018, 63, 619-629.	5.7	42
50	Constrained consensus of discrete-time multi-agent systems with time delay. International Journal of Systems Science, 2018, 49, 947-953.	5.5	14
51	Consensus control for a network of high order continuous-time agents with communication delays. Automatica, 2018, 89, 144-150.	5.0	40
52	A fast clock synchronization algorithm for wireless sensor networks. Automatica, 2018, 92, 133-142.	5.0	34
53	A new distributed Kalman filtering based on means-square estimation upper bounds. Journal of the Franklin Institute, 2018, 355, 4032-4049.	3.4	4
54	A Barycentric Coordinate-Based Approach to Formation Control Under Directed and Switching Sensing Graphs. IEEE Transactions on Cybernetics, 2018, 48, 1202-1215.	9.5	47

#	ARTICLE	IF	CITATIONS
55	Distributed Consensus of Third-order Multi-agent Systems with Communication Delay. Asian Journal of Control, 2018, 20, 956-961.	3.0	12
56	Statistical Approach to Detection of Attacks for Stochastic Cyber-Physical Systems. IFAC-PapersOnLine, 2018, 51, 178-183.	0.9	4
57	Accuracy analysis for distributed weighted least-squares estimation in finite steps and loopy networks. Automatica, 2018, 97, 82-91.	5.0	14
58	Decentralized Algorithm for Wind Power Regulation via TCLs in Smart Grids. , 2018, , .		0
59	Distributed Charging Control for Electric Vehicles Considering Fair Power Allocation. , 2018, , .		0
60	Distributed Estimation in Networks of Linear Time-invariant Systems. , 2018, , .		1
61	A distributed Kalman filtering algorithm with fast finite-time convergence for sensor networks. Automatica, 2018, 95, 63-72.	5.0	62
62	Mean field stochastic linear quadratic games for continuum-parameterized multi-agent systems. Journal of the Franklin Institute, 2018, 355, 5240-5255.	3.4	7
63	Observer-based control for singular nonhomogeneous Markov jump systems with packet losses. Journal of the Franklin Institute, 2018, 355, 6617-6637.	3.4	13
64	Distributed Kalman filter in a network of linear systems. Systems and Control Letters, 2018, 116, 71-77.	2.3	32
65	Control Under Stochastic Multiplicative Uncertainties: Part I, Fundamental Conditions of Stabilizability. IEEE Transactions on Automatic Control, 2017, 62, 1269-1284.	5.7	34
66	Control Under Stochastic Multiplicative Uncertainties: Part II, Optimal Design for Performance. IEEE Transactions on Automatic Control, 2017, 62, 1285-1300.	5.7	23
67	A Distributed Algorithm for Resource Allocation Over Dynamic Digraphs. IEEE Transactions on Signal Processing, 2017, 65, 2600-2612.	5.3	86
68	Performance comparison of distributed state estimation algorithms for power systems. Journal of Systems Science and Complexity, 2017, 30, 595-615.	2.8	7
69	A proportional integral estimator-based clock synchronization protocol for wireless sensor networks. ISA Transactions, 2017, 71, 148-160.	5.7	12
70	A consensus-based distributed method of clock synchronization for sensor networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771769732.	2.2	4
71	Distributed dynamic state estimation with parameter identification for large-scale systems. Journal of the Franklin Institute, 2017, 354, 6200-6216.	3.4	6
72	Distributed algorithm for dynamic economic power dispatch with energy storage in smart grids. IET Control Theory and Applications, 2017, 11, 1813-1821.	2.1	30

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73	Consensus for high-order multi-agent systems with communication delay. Science China Information Sciences, 2017, 60, 1.	4.3	23
74	Consensus conditions for general second-order multi-agent systems with communication delay. Automatica, 2017, 75, 293-298.	5.0	169
75	Clock synchronization over wireless sensor network via a filter-based approach. , 2017, , .		2
76	A new decentralized algorithm for optimal load shifting via electric vehicles. , 2017, , .		9
77	Saturation-aware control design for micro-nano positioning systems. IET Control Theory and Applications, 2017, 11, 2559-2566.	2.1	5
78	Controller Design for Networked Control Systems Affected by Correlated Packet Losses. IFAC-PapersOnLine, 2017, 50, 2555-2560.	0.9	1
79	Distributed augmented lambda-iteration method for economic dispatch in smart grid. , 2017, , .		5
80	Stability analysis for Kalman filters with random measurement matrices. , 2017, , .		0
81	A new distributed method for clock synchronization in sensor networks. , 2017, , .		1
82	Maximum principle for McKean-Vlasov type semi-linear stochastic evolution equations. , 2017, , .		0
83	A new distributed algorithm of clock synchronization for static sensor networks. , 2016, , .		0
84	A new power-efficient distributed method for clock synchronization in sensor networks. , 2016, , .		1
85	Unified approach to controller and MMSE estimator design with intermittent communications. , 2016, , .		2
86	Single landmark based collaborative multi-agent localization with time-varying range measurements and information sharing. Systems and Control Letters, 2016, 87, 56-63.	2.3	14
87	Dynamic state estimation for power networks using distributed MAP technique. Automatica, 2016, 73, 27-37.	5.0	32
88	Convergence analysis for Gaussian belief propagation: Dynamic behaviour of marginal covariances. , 2016, , .		3
89	Distributed Localization for 2-D Sensor Networks With Bearing-Only Measurements Under Switching Topologies. IEEE Transactions on Signal Processing, 2016, 64, 6345-6359.	5.3	53
90	Consensus control for high order continuous-time agents with communication delays. , 2016, , .		0

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91	Necessary and Sufficient Graphical Conditions for Affine Formation Control. IEEE Transactions on Automatic Control, 2016, 61, 2877-2891.	5.7	160
92	Controller and Scheduler Codesign for Feedback Control Over IEEE 802.15.4 Networks. IEEE Transactions on Control Systems Technology, 2016, 24, 2016-2030.	5.2	32
93	Constrained Optimal Preview Control of Dual-Stage Actuators. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1179-1184.	5.8	21
94	Decentralized Optimal Scheduling for Charging and Discharging of Plug-In Electric Vehicles in Smart Grids. IEEE Transactions on Power Systems, 2016, 31, 4118-4127.	6.5	124
95	A Graph Laplacian Approach to Coordinate-Free Formation Stabilization for Directed Networks. IEEE Transactions on Automatic Control, 2016, 61, 1269-1280.	5.7	102
96	Distributed Weighted Least-Squares Estimation for Power Networks. IFAC-PapersOnLine, 2015, 48, 562-567.	0.9	8
97	Convergence analysis of Gaussian belief propagation for distributed state estimation. , 2015, , .		4
98	Two Schemes of Data Dropout Compensation for LQG Control of Networked Control Systems. Asian Journal of Control, 2015, 17, 55-63.	3.0	11
99	Quantized output feedback control with multiplicative measurement noises. International Journal of Robust and Nonlinear Control, 2015, 25, 1338-1351.	3.7	8
100	Kalman Filtering Over Lossy Networks Under Switching Sensors. Asian Journal of Control, 2015, 17, 45-54.	3.0	3
101	Distributed Self Localization for Relative Position Sensing Networks in 2D Space. IEEE Transactions on Signal Processing, 2015, 63, 3751-3761.	5.3	51
102	Formation maneuvering with collision avoidance and connectivity maintenance. , 2015, , .		6
103	Co-design for control and scheduling over wireless industrial control networks. , 2015, , .		9
104	A Sequential Cluster-Based Approach to Node Localizability of Sensor Networks. IEEE Transactions on Control of Network Systems, 2015, 2, 358-369.	3.7	5
105	A barycentric coordinate based approach to formation control of multi-agent systems under directed and switching topologies. , 2015, , .		5
106	Consensus problems in networks of agents with communication delay. , 2015, , .		5
107	Feedback stabilization of MIMO systems in the presence of stochastic network uncertainties and delays. , 2015, , .		1
108	Decentralized PWM-based charging control for plug-in electric vehicles. , 2015, , .		5

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109	A distributed MAP approach to dynamic state estimation with applications in power networks. , 2015, , .		1
110	Distributed algorithm for economic power dispatch including transmission losses. , 2015, , .		6
111	Distributed weighted least-squares estimation with fast convergence for large-scale systems. Automatica, 2015, 51, 27-39.	5.0	77
112	Stability conditions for multi-sensor state estimation over a lossy network. Automatica, 2015, 53, 1-9.	5.0	32
113	Distributed control for uniform circumnavigation of ring-coupled unicycles. Automatica, 2015, 53, 23-29.	5.0	73
114	Three-dimensional formation merging control under directed and switching topologies. Automatica, 2015, 58, 99-105.	5.0	20
115	Distributed coordination in multi-agent systems: a graph Laplacian perspective. Frontiers of Information Technology and Electronic Engineering, 2015, 16, 429-448.	2.6	17
116	Asymptotic Optimality of the Maximum-Likelihood Kalman Filter for Bayesian Tracking With Multiple Nonlinear Sensors. IEEE Transactions on Signal Processing, 2015, 63, 4502-4515.	5.3	10
117	Linear Quadratic Regulation and Stabilization of Discrete-Time Systems With Delay and Multiplicative Noise. IEEE Transactions on Automatic Control, 2015, 60, 2599-2613.	5.7	166
118	Distributed Bisection Method for Economic Power Dispatch in Smart Grid. IEEE Transactions on Power Systems, 2015, 30, 3024-3035.	6.5	137
119	An ADMM + consensus based distributed algorithm for dynamic economic power dispatch in smart grid. , 2015, , .		11
120	Optimal sensor scheduling for state estimation over lossy channel. IET Control Theory and Applications, 2015, 9, 2458-2465.	2.1	8
121	Decentralized Optimal Demand-Side Management for PHEV Charging in a Smart Grid. IEEE Transactions on Smart Grid, 2015, 6, 726-736.	9.0	138
122	Robust Motion Control of a Linear Motor Positioner Using Fast Nonsingular Terminal Sliding Mode. IEEE/ASME Transactions on Mechatronics, 2015, 20, 1743-1752.	5.8	170
123	Stability of MMSE state estimators over lossy networks using linear coding. Automatica, 2015, 51, 167-174.	5.0	27
124	A linear approach to formation control under directed and switching topologies. , 2014, , .		3
125	Condition monitoring for train suspension system based on cross-correlation. , 2014, , .		0
126	Consensus based bisection approach for economic power dispatch. , 2014, , .		14

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127	Optimal Preview Control of a Dual-Stage Actuator System for Triangular Reference Tracking. IEEE Transactions on Control Systems Technology, 2014, 22, 2408-2416.	5.2	9
128	A fully distributed approach to formation maneuvering control of multi-agent systems. , 2014, , .		8
129	Optimal control of linear discrete-time systems with quantization effects. , 2014, , .		1
130	Switching Adaptive Control. , 2014, , 1-6.		0
131	A Barycentric Coordinate Based Distributed Localization Algorithm for Sensor Networks. IEEE Transactions on Signal Processing, 2014, 62, 4760-4771.	5.3	89
132	Affine formation of multi-agent systems over directed graphs. , 2014, , .		6
133	A new approach to distributed charging control for plug-in hybrid electric vehicles. , 2014, , .		12
134	Optimal regulation of linear discrete-time systems with multiplicative noises. , 2014, , .		1
135	Optimal state estimation using randomly delayed measurements without time stamping. International Journal of Robust and Nonlinear Control, 2014, 24, 2653-2668.	3.7	6
136	Cooperative localization of a cascading quadrilateral network. , 2014, , .		1
137	Three-dimensional formation merging control of second-order agents under directed and switching topologies. , 2014, , .		0
138	Distributed Formation Control of Multi-Agent Systems Using Complex Laplacian. IEEE Transactions on Automatic Control, 2014, 59, 1765-1777.	5.7	349
139	Kalman Filtering With Intermittent Observations: On the Boundedness of the Expected Error Covariance. IEEE Transactions on Automatic Control, 2014, 59, 2724-2738.	5.7	59
140	Asymptotic Optimality of the Maximum-likelihood Filter for Bayesian Tracking in Sensor Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 7400-7405.	0.4	1
141	Comparison of Periodic and Event-Based Sampling for Linear State Estimation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 5508-5513.	0.4	21
142	Stability of Kalman Filtering with Multiple Sensors Involving Lossy Communications. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 116-121.	0.4	6
143	Quantized stabilization for stochastic discrete-time systems with multiplicative noises. International Journal of Robust and Nonlinear Control, 2013, 23, 591-601.	3.7	18
144	Output feedback stabilization of wireless networked control system with packet dropout. , 2013, , .		2

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145	Optimal filtering for networked systems with Markovian communication delays. Automatica, 2013, 49, 3097-3104.	5.0	62
146	Continuous-time and sampled-data-based average consensus with logarithmic quantizers. Automatica, 2013, 49, 3329-3336.	5.0	142
147	A linear control approach to distributed multi-agent formations in d-dimensional space. , 2013, , .		5
148	Collaborative target tracking in WSNs using the combination of maximum likelihood estimation and Kalman filtering. Journal of Control Theory and Applications, 2013, 11, 27-34.	0.8	10
149	Identification of ARMA models using intermittent and quantized output observations. Automatica, 2013, 49, 360-369.	5.0	87
150	Optimal PMU placement for power system state estimation with random component outages. International Journal of Electrical Power and Energy Systems, 2013, 51, 35-42.	5.5	61
151	Saturation Control of a Piezoelectric Actuator for Fast Settling-Time Performance. IEEE Transactions on Control Systems Technology, 2013, 21, 220-228.	5.2	24
152	Kalman filtering with intermittent observations using measurements coding. , 2013, , .		2
153	A new distributed localization method for sensor networks. , 2013, , .		11
154	Stability of the Kalman filtering with two periodically switching sensors over lossy networks. , 2013, , .		2
155	Distributed weighted least squares estimation with fast convergence in large-scale systems. , 2013, , .		5
156	Distributed circumnavigation by unicycles with cyclic repelling strategies. , 2013, , .		9
157	Optimal preview control of dual-stage actuators system for triangular reference tracking. , 2013, , .		2
158	A new distributed state estimation technique for power networks. , 2013, , .		7
159	State estimation subject to random network delays without time stamping. , 2013, , .		1
160	Decentralized control of aggregated loads for demand response. , 2013, , .		11
161	Stability of Kalman filters subject to intermittent observations. , 2013, , .		2
162	Localizability and Distributed Localization of Sensor Networks using Relative Position Measurements. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1-6.	0.4	3

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163	A switching controller for piezoelectric microactuators in dual-stage actuator hard disk drives. , 2012, , .		2
164	Infinite horizon lqg control with fixed-rate quantization. , 2012, , .		3
165	A New Encoder for Continuous-Time Gaussian Signals With Fixed Rate and Reconstruction Delay. IEEE Transactions on Signal Processing, 2012, 60, 3052-3064.	5.3	2
166	On Identification of Linear Systems with Quantized and Intermittent Information. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 304-309.	0.4	1
167	Target Tracking in Wireless Sensor Networks Based on the Combination of KF and MLE Using Distance Measurements. IEEE Transactions on Mobile Computing, 2012, 11, 567-576.	5.8	170
168	A simple robust controller for hysteresis and resonance compensation of piezoelectric actuators. , 2012, , .		3
169	New results on node localizable conditions for sensor networks. , 2012, , .		2
170	Improved Control Design Methods for Proximate Time-Optimal Servomechanisms. IEEE/ASME Transactions on Mechatronics, 2012, 17, 1049-1058.	5.8	28
171	Comparison of node localization methods for sensor networks. , 2012, , .		0
172	Lack of Separation Principle for Quantized Linear Quadratic Gaussian Control. IEEE Transactions on Automatic Control, 2012, 57, 2385-2390.	5.7	32
173	Stability analysis of a distributed state estimator for linear systems. , 2012, , .		1
174	Quantized output-feedback control for linear systems with multiplicative noises in measurement. , 2012, , .		1
175	Improved servomechanism control design - Dynamically damped case. , 2011, , .		1
176	A unified framework for mean square stability of Kalman filters with intermittent observations. , 2011, , .		4
177	Identification of ARMA models using intermittent and quantized output observations. , 2011, , .		8
178	Distributed Consensus With Limited Communication Data Rate. IEEE Transactions on Automatic Control, 2011, 56, 279-292.	5.7	447
179	Optimal PMU placement for power system state estimation with random communication packet losses. , 2011, , .		2
180	High-bandwidth control design for a piezoelectric nanopositioning stage. , 2011, , .		1

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181	Necessary and Sufficient Conditions for Stability of Kalman Filtering with Markovian Packet Losses. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 12465-12470.	0.4	4
182	Optimal Tracking Design of an MIMO Linear System with Quantization Effects. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 3268-3273.	0.4	10
183	Nested Switching Control Design for Fast PZT Actuated Nanopositioning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 12703-12708.	0.4	0
184	Improved Servomechanism Control Design “ Nonswitching Case. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 8614-8619.	0.4	1
185	Design and control of a rotary dual-stage actuator positioning system. Mechatronics, 2011, 21, 1003-1012.	3.3	36
186	Preview Control of Dual-Stage Actuator Systems for Superfast Transition Time. IEEE/ASME Transactions on Mechatronics, 2011, 16, 758-763.	5.8	18
187	Mean square stability for Kalman filtering with Markovian packet losses. Automatica, 2011, 47, 2647-2657.	5.0	197
188	Attainability of the minimum data rate for stabilization of linear systems via logarithmic quantization. Automatica, 2011, 47, 170-176.	5.0	48
189	Kalman filtering for a class of degenerate systems with intermittent observations. , 2011, , .		11
190	Hybrid Filterbank ADCs With Blind Filterbank Estimation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2446-2457.	5.4	12
191	Kalman filtering with intermittent observations: Bounds on the error covariance distribution. , 2011, , .		11
192	A Factorization Approach to Sensitivity Loop Shaping for Disturbance Rejection in Hard Disk Drives. IEEE Transactions on Magnetics, 2010, 46, 1220-1227.	2.1	12
193	Stabilization of Markov jump linear systems using quantized state feedback. Automatica, 2010, 46, 1696-1702.	5.0	132
194	Quantized feedback control for linear uncertain systems. International Journal of Robust and Nonlinear Control, 2010, 20, 843-857.	3.7	62
195	Finite-horizon quantized estimation using sector bound approach. , 2010, , .		0
196	A unified dual-stage actuator control scheme for track seeking and following in hard disk drives. , 2010, , .		0
197	Infinite horizon LQG control with fixed-rate quantization for scalar systems. , 2010, , .		1
198	Continuous Preview Control of Dual-Stage Actuator systems for reduced transition time. , 2010, , .		0

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199	Linear estimation for discrete-time systems with Markov jump delays. , 2010, , .		2
200	An overview of range detection techniques for wireless sensor networks. , 2010, , .		3
201	Statistical properties of the error covariance in a Kalman filter with random measurement losses. , 2010, , .		16
202	Stability Analysis of Finite-Level Quantized Discrete-Time Linear Control Systems. European Journal of Control, 2010, 16, 258-271.	2.6	9
203	A Continuous-Time Linear System Identification Method for Slowly Sampled Data. IEEE Transactions on Signal Processing, 2010, 58, 2521-2533.	5.3	22
204	Input and Output Quantized Feedback Linear Systems. IEEE Transactions on Automatic Control, 2010, 55, 761-766.	5.7	155
205	Dual-Stage Actuator Control Design Using a Doubly Coprime Factorization Approach. IEEE/ASME Transactions on Mechatronics, 2010, 15, 339-348.	5.8	42
206	A Recursive Method for the Approximation of LTI Systems Using Subband Processing. IEEE Transactions on Signal Processing, 2010, 58, 1025-1034.	5.3	4
207	A Reset State Estimator Using an Accelerometer for Enhanced Motion Control With Sensor Quantization. IEEE Transactions on Control Systems Technology, 2010, 18, 79-90.	5.2	39
208	Finite-Level Quantized Feedback Control for Linear Systems. IEEE Transactions on Automatic Control, 2009, 54, 1165-1170.	5.7	130
209	A reset kinematic state estimator to suppress sensor quantization for enhanced position tracking control. , 2009, , .		0
210	Two-degree-of-freedom control of a dual-stage actuator positioning system for short-span tracking. , 2009, , .		0
211	Quantized stabilization of Markov jump linear systems via state feedback. , 2009, , .		12
212	Optimal design of hybrid filterbank analog-to-digital converters using input statistics. , 2009, , .		1
213	Quantized consensus over expander networks and communication energy minimization. , 2009, , .		2
214	Kalman filtering over unreliable communication networks with bounded Markovian packet dropouts. International Journal of Robust and Nonlinear Control, 2009, 19, 1770-1786.	3.7	63
215	State estimation for linear discrete-time systems using quantized measurements. Automatica, 2009, 45, 2937-2945.	5.0	157
216	Sensitivity loop shaping for disturbance rejection in hard disk drives. , 2009, , .		2

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