Minyue Fu

List of Publications by Year in Descending Order

266 papers	7,202 citations	46 h-index	79 g-index
336 ext. papers	9,344 ext. citations	4 avg, IF	6.47 L-index

#	Paper	IF	Citations
266	Asymptotic convergence of a distributed weighted least squares algorithm for networked systems with vector node variables. *Systems and Control Letters*, **2022**, 165, 105265	2.4	
265	Distributed Newton Optimization with Maximized Convergence Rate. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	2
264	Optimal Control and Stabilization for Discrete-Time Markov Jump Linear Systems with Input Delay. *SIAM Journal on Control and Optimization*, **2021**, 59, 3524-3551	1.9	0
263	High Precision Over Long Range: A Macro Micro Approach to Quantized Positioning Systems. *IEEE Transactions on Control Systems Technology*, **2021**, 29, 2406-2415	4.8	2
262	. *IEEE Sensors Journal*, **2021**, 1-1	4	
261	Statistical Approach to Detection of Attacks for Stochastic Cyber-Physical Systems. *IEEE Transactions on Automatic Control*, **2021**, 66, 849-856	5.9	5
260	The Vulnerability of Cyber-Physical System Under Stealthy Attacks. *IEEE Transactions on Automatic Control*, **2021**, 66, 637-650	5.9	24
259	Distributed convex optimization based on ADMM and belief propagation methods. *Asian Journal of Control*, **2021**, 23, 1040-1051	1.7	1
258	A Fast Distributed Solver for Linear Systems Under Generalized Diagonal Dominance. *IEEE Transactions on Automatic Control*, **2021**, 66, 2423-2429	5.9	4
257	. *IEEE Sensors Journal*, **2021**, 21, 4949-4956	4	10
256	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 2653-2664	7.3	6
255	Identification of Continuous-time Linear Time-varying Systems with Abrupt Changes in Parameters. *IFAC-PapersOnLine*, **2021**, 54, 339-344	0.7	
254	Convergence Properties of Message-Passing Algorithm for Distributed Convex Optimisation With Scaled Diagonal Dominance. *IEEE Transactions on Signal Processing*, **2021**, 69, 3868-3877	4.8	2
253	High-Precision Tracking of Periodic Signals: a Macro-Micro Approach with Quantized Feedback. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	1
252	Dynamic Indoor Localization Using Maximum Likelihood Particle Filtering. *Sensors*, **2021**, 21,	3.8	6
251	Distributed Kalman estimation with decoupled local filters. *Automatica*, **2021**, 130, 109724	5.7	2
250	Convergence and Accuracy Analysis for a Distributed Static State Estimator Based on Gaussian Belief Propagation. *IEEE Transactions on Automatic Control*, **2021**, 66, 4785-4791	5.9	1

249	Quantitative bounds for general Razumikhin-type functional differential inequalities with applications. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 86, 105253	3.7	
248	Asymptotic properties of statistical estimators using multivariate Chi-squared measurements **2020**, 103, 102754		
247	Convergence rate analysis of Gaussian belief propagation for Markov networks. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 668-673	7	3
246	Fingerprinting-Based Indoor Localization Using Interpolated Preprocessed CSI Phases and Bayesian Tracking. *Sensors*, **2020**, 20,	3.8	9
245	Distributed weighted least-squares estimation for networked systems with edge measurements. *Automatica*, **2020**, 120, 109091	5.7	3
244	Stochastic stabilization and destabilization of nonlinear and time-varying hybrid systems by noise. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 6241-6261	3.6	1
243	A distributed adaptive scheme for multiagent systems. *Asian Journal of Control*, **2020**,	1.7	2
242	Finite-Time Average Consensus Based Approach for Distributed Convex Optimization. *Asian Journal of Control*, **2020**, 22, 323-333	1.7	0
241	Multi-sensor state estimation over lossy channels using coded measurements. *Automatica*, **2020**, 111, 108561	5.7	46
240	Finite-Time Control of a Linear Motor Positioner Using Adaptive Recursive Terminal Sliding Mode. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 6659-6668	8.9	79
239	Distributed optimization algorithm for economic dispatch: A bisectional approach **2020**, 177-202		
238	Adaptive Consensus of Nonlinearly Parameterized Multi-Agent Systems **2019**, 3, 505-510		4
237	Optimal control of a class of semi-linear stochastic evolution equations with applications. *IET Control Theory and Applications*, **2019**, 13, 602-608	2.5	2
236	Mean-square stabilizability via output feedback for a non-minimum phase networked feedback system. *Automatica*, **2019**, 105, 142-148	5.7	1
235	Distributed event-driven control for finite-time consensus. *Automatica*, **2019**, 103, 88-95	5.7	46
234	H∞ State estimation via asynchronous filtering for descriptor Markov jump systems with packet losses. *Signal Processing*, **2019**, 154, 159-167	4.4	19
233	Nested adaptive super-twisting sliding mode control design for a vehicle steer-by-wire system. *Mechanical Systems and Signal Processing*, **2019**, 122, 658-672	7.8	49
232	Stability of Kalman filtering with a random measurement equation: Application to sensor scheduling with intermittent observations. *Automatica*, **2019**, 99, 390-402	5.7	11

231	Predictive control for networked systems affected by correlated packet loss. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 5078-5094	3.6	4
230	Optimal Stabilization Control for Discrete-Time Mean-Field Stochastic Systems. *IEEE Transactions on Automatic Control*, **2019**, 64, 1125-1136	5.9	17
229	Finite-Time H Filtering for Nonlinear Singular Systems With Nonhomogeneous Markov Jumps. *IEEE Transactions on Cybernetics*, **2019**, 49, 2133-2143	10.2	43
228	A Filter-based Clock Synchronization Protocol for Wireless Sensor Networks. *Asian Journal of Control*, **2019**, 21, 1389-1403	1.7	1
227	Covariance Intersection for Partially Correlated Random Vectors. *IEEE Transactions on Automatic Control*, **2018**, 63, 619-629	5.9	20
226	Constrained consensus of discrete-time multi-agent systems with time delay. *International Journal of Systems Science*, **2018**, 49, 947-953	2.3	10
225	Consensus control for a network of high order continuous-time agents with communication delays. *Automatica*, **2018**, 89, 144-150	5.7	22
224	A fast clock synchronization algorithm for wireless sensor networks. *Automatica*, **2018**, 92, 133-142	5.7	23
223	A new distributed Kalman filtering based on means-quare estimation upper bounds. *Journal of the Franklin Institute*, **2018**, 355, 4032-4049	4	4
222	A Barycentric Coordinate-Based Approach to Formation Control Under Directed and Switching Sensing Graphs. *IEEE Transactions on Cybernetics*, **2018**, 48, 1202-1215	10.2	25
221	Mean field stochastic linear quadratic games for continuum-parameterized multi-agent systems. *Journal of the Franklin Institute*, **2018**, 355, 5240-5255	4	4
220	Observer-based control for singular nonhomogeneous Markov jump systems with packet losses. *Journal of the Franklin Institute*, **2018**, 355, 6617-6637	4	7
219	Distributed Kalman filter in a network of linear systems. *Systems and Control Letters*, **2018**, 116, 71-77	2.4	22
218	Distributed Consensus of Third-order Multi-agent Systems with Communication Delay. *Asian Journal of Control*, **2018**, 20, 956-961	1.7	5
217	Statistical Approach to Detection of Attacks for Stochastic Cyber-Physical Systems. *IFAC-PapersOnLine*, **2018**, 51, 178-183	0.7	3
216	Accuracy analysis for distributed weighted least-squares estimation in finite steps and loopy networks. *Automatica*, **2018**, 97, 82-91	5.7	9
215	A distributed Kalman filtering algorithm with fast finite-time convergence for sensor networks. *Automatica*, **2018**, 95, 63-72	5.7	41
214	*. IEEE Transactions on Automatic Control*, **2017**, 62, 1269-1284	5.9	22

213	. *IEEE Transactions on Automatic Control*, **2017**, 62, 1285-1300	5.9	14
212	. *IEEE Transactions on Signal Processing*, **2017**, 65, 2600-2612	4.8	49
211	Performance comparison of distributed state estimation algorithms for power systems. *Journal of Systems Science and Complexity*, **2017**, 30, 595-615	1	5
210	A proportional integral estimator-based clock synchronization protocol for wireless sensor networks. *ISA Transactions*, **2017**, 71, 148-160	5.5	8
209	A consensus-based distributed method of clock synchronization for sensor networks. *International Journal of Distributed Sensor Networks*, **2017**, 13, 155014771769732	1.7	3
208	Distributed dynamic state estimation with parameter identification for large-scale systems. *Journal of the Franklin Institute*, **2017**, 354, 6200-6216	4	3
207	Distributed algorithm for dynamic economic power dispatch with energy storage in smart grids. *IET Control Theory and Applications*, **2017**, 11, 1813-1821	2.5	20
206	Consensus for high-order multi-agent systems with communication delay. *Science China Information Sciences*, **2017**, 60, 1	3.4	17
205	Consensus conditions for general second-order multi-agent systems with communication delay. *Automatica*, **2017**, 75, 293-298	5.7	98
204	Clock synchronization over wireless sensor network via a filter-based approach **2017**,		2
203	A new decentralized algorithm for optimal load shifting via electric vehicles **2017**,		6
202	Saturation-aware control design for micro/nano positioning systems. *IET Control Theory and Applications*, **2017**, 11, 2559-2566	2.5	4
201	Controller Design for Networked Control Systems Affected by Correlated Packet Losses. *IFAC-PapersOnLine*, **2017**, 50, 2555-2560	0.7	
200	A new distributed method for clock synchronization in sensor networks **2017**,		1
199	A Graph Laplacian Approach to Coordinate-Free Formation Stabilization for Directed Networks. *IEEE Transactions on Automatic Control*, **2016**, 61, 1269-1280	5.9	67
198	Convergence analysis for Guassian belief propagation: Dynamic behaviour of marginal covariances **2016**,		2
197	Distributed Localization for 2-D Sensor Networks With Bearing-Only Measurements Under Switching Topologies. *IEEE Transactions on Signal Processing*, **2016**, 64, 6345-6359	4.8	27
196	Necessary and Sufficient Graphical Conditions for Affine Formation Control. *IEEE Transactions on Automatic Control*, **2016**, 61, 2877-2891	5.9	78

195	Controller and Scheduler Codesign for Feedback Control Over IEEE 802.15.4 Networks. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 2016-2030	4.8	22
194	Constrained Optimal Preview Control of Dual-Stage Actuators. *IEEE/ASME Transactions on Mechatronics*, **2016**, 21, 1179-1184	5.5	15
193	Decentralized Optimal Scheduling for Charging and Discharging of Plug-In Electric Vehicles in Smart Grids. *IEEE Transactions on Power Systems*, **2016**, 31, 4118-4127	7	87
192	Unified approach to controller and MMSE estimator design with intermittent communications **2016** ,		1
191	Single landmark based collaborative multi-agent localization with time-varying range measurements and information sharing. *Systems and Control Letters*, **2016**, 87, 56-63	2.4	9
190	Dynamic state estimation for power networks using distributed MAP technique. *Automatica*, **2016**, 73, 27-37	5.7	20
189	Three-dimensional formation merging control under directed and switching topologies. *Automatica* , **2015**, 58, 99-105	5.7	14
188	Distributed coordination in multi-agent systems: a graph Laplacian perspective. *Frontiers of Information Technology and Electronic Engineering*, **2015**, 16, 429-448	2.2	13
187	Asymptotic Optimality of the Maximum-Likelihood Kalman Filter for Bayesian Tracking With Multiple Nonlinear Sensors. *IEEE Transactions on Signal Processing*, **2015**, 63, 4502-4515	4.8	7
186	Linear Quadratic Regulation and Stabilization of Discrete-Time Systems With Delay and Multiplicative Noise. *IEEE Transactions on Automatic Control*, **2015**, 60, 2599-2613	5.9	97
185	Distributed Bisection Method for Economic Power Dispatch in Smart Grid. *IEEE Transactions on Power Systems*, **2015**, 30, 3024-3035	7	100
184	An ADMM + consensus based distributed algorithm for dynamic economic power dispatch in smart grid **2015**,		8
183	Optimal sensor scheduling for state estimation over lossy channel. *IET Control Theory and Applications*, **2015**, 9, 2458-2465	2.5	8
182	. *IEEE Transactions on Smart Grid*, **2015**, 6, 726-736	10.7	99
181	Robust Motion Control of a Linear Motor Positioner Using Fast Nonsingular Terminal Sliding Mode. *IEEE/ASME Transactions on Mechatronics*, **2015**, 20, 1743-1752	5.5	113
180	Stability of MMSE state estimators over lossy networks using linear coding. *Automatica*, **2015**, 51, 167-174	5.7	25
179	Distributed Weighted Least-Squares Estimation for Power Networks. *IFAC-PapersOnLine*, **2015**, 48, 562-567		6
178	Two Schemes of Data Dropout Compensation for LQG Control of Networked Control Systems. *Asian Journal of Control*, **2015**, 17, 55-63	1.7	6

177	Quantized output feedback control with multiplicative measurement noises. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 1338-1351	3.6	6
176	Kalman Filtering Over Lossy Networks Under Switching Sensors. *Asian Journal of Control*, **2015**, 17, 45-54	1.7	3
175	Distributed Self Localization for Relative Position Sensing Networks in 2D Space. *IEEE Transactions on Signal Processing*, **2015**, 63, 3751-3761	4.8	26
174	Formation maneuvering with collision avoidance and connectivity maintenance **2015**,		5
173	Co-design for control and scheduling over wireless industrial control networks **2015**,		6
172	. *IEEE Transactions on Control of Network Systems*, **2015**, 2, 358-369	4	3
171	A barycentric coordinate based approach to formation control of multi-agent systems under directed and switching topologies **2015**,		5
170	Consensus problems in networks of agents with communication delay **2015**,		2
169	Decentralized PWM-based charging control for plug-in electric vehicles **2015**,		4
168	A distributed MAP approach to dynamic state estimation with applications in power networks **2015**,		1
167	Distributed algorithm for economic power dispatch including transmission losses **2015**,		4
166	Distributed weighted least-squares estimation with fast convergence for large-scale systems. *Automatica*, **2015**, 51, 27-39	5.7	53
165	Stability conditions for multi-sensor state estimation over a lossy network. *Automatica*, **2015**, 53, 1-9	5.7	24
164	Distributed control for uniform circumnavigation of ring-coupled unicycles. *Automatica*, **2015**, 53, 23-29	5.7	44
163	Cooperative localization of a cascading quadrilateral network **2014**,		1
162	Distributed Formation Control of Multi-Agent Systems Using Complex Laplacian. *IEEE Transactions on Automatic Control*, **2014**, 59, 1765-1777	5.9	230
161	Kalman Filtering With Intermittent Observations: On the Boundedness of the Expected Error Covariance. *IEEE Transactions on Automatic Control*, **2014**, 59, 2724-2738	5.9	40
160	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		

159	Comparison of Periodic and Event-Based Sampling for Linear State Estimation. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2014**, 47, 5508-5513	10
158	Stability of Kalman Filtering with Multiple Sensors Involving Lossy Communications. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2014**, 47, 116-121	3
157	A linear approach to formation control under directed and switching topologies **2014**,	3
156	Consensus based bisection approach for economic power dispatch **2014**,	10
155	Optimal Preview Control of a Dual-Stage Actuator System for Triangular Reference Tracking. *IEEE Transactions on Control Systems Technology*, **2014**, 22, 2408-2416	4.8	7
154	A fully distributed approach to formation maneuvering control of multi-agent systems **2014**,	7
153	A Barycentric Coordinate Based Distributed Localization Algorithm for Sensor Networks. *IEEE Transactions on Signal Processing*, **2014**, 62, 4760-4771	4.8	62
152	Affine formation of multi-agent systems over directed graphs **2014**,	4
151	A new approach to distributed charging control for plug-in hybrid electric vehicles **2014**,	10
150	Optimal state estimation using randomly delayed measurements without time stamping. *International Journal of Robust and Nonlinear Control*, **2014**, 24, 2653-2668	3.6	4
149	Quantized stabilization for stochastic discrete-time systems with multiplicative noises. *International Journal of Robust and Nonlinear Control*, **2013**, 23, 591-601	3.6	13
148	Optimal filtering for networked systems with Markovian communication delays. *Automatica*, **2013**, 49, 3097-3104	5.7	39
147	Continuous-time and sampled-data-based average consensus with logarithmic quantizers. *Automatica*, **2013**, 49, 3329-3336	5.7	98
146	A linear control approach to distributed multi-agent formations in d-dimensional space **2013**,	1
145	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	10
144	Identification of ARMA models using intermittent and quantized output observations. *Automatica*, **2013**, 49, 360-369	5.7	59
143	Optimal PMU placement for power system state estimation with random component outages. *International Journal of Electrical Power and Energy Systems*, **2013**, 51, 35-42	5.1	54
142	Saturation Control of a Piezoelectric Actuator for Fast Settling-Time Performance. *IEEE Transactions on Control Systems Technology*, **2013**, 21, 220-228	4.8	17

141	Kalman filtering with intermittent observations using measurements coding **2013**,		1
140	A new distributed localization method for sensor networks **2013**,		8
139	Stability of the Kalman filtering with two periodically switching sensors over lossy networks **2013**,		2
138	Distributed weighted least squares estimation with fast convergence in large-scale systems **2013**,		3
137	Distributed circumnavigation by unicycles with cyclic repelling strategies **2013**,		6
136	Optimal preview control of dual-stage actuators system for triangular reference tracking **2013**,		1
135	A new distributed state estimation technique for power networks **2013**,		2
134	State estimation subject to random network delays without time stamping **2013**,		1
133	Decentralized control of aggregated loads for demand response **2013**,		5
132	Localizability and Distributed Localization of Sensor Networks using Relative Position Measurements. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2013**, 46, 1-6		2
131	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	4.6	122
130	A simple robust controller for hysteresis and resonance compensation of piezoelectric actuators **2012**,		2
129	New results on node localizable conditions for sensor networks **2012**,		2
128	. *IEEE/ASME Transactions on Mechatronics*, **2012**, 17, 1049-1058	5.5	20
127	Lack of Separation Principle for Quantized Linear Quadratic Gaussian Control. *IEEE Transactions on Automatic Control*, **2012**, 57, 2385-2390	5.9	24
126	Stability analysis of a distributed state estimator for linear systems **2012**,		1
125	A switching controller for piezoelectric microactuators in dual-stage actuator hard disk drives **2012**,		1
124	Infinite horizon lqg control with fixed-rate quantization **2012**,		1

123	A New Encoder for Continuous-Time Gaussian Signals With Fixed Rate and Reconstruction Delay. *IEEE Transactions on Signal Processing*, **2012**, 60, 3052-3064	4.8	2
122	On Identification of Linear Systems with Quantized and Intermittent Information. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 304-309		
121	Identification of ARMA models using intermittent and quantized output observations **2011**,		7
120	. *IEEE Transactions on Automatic Control*, **2011**, 56, 279-292	5.9	305
119	Optimal PMU placement for power system state estimation with random communication packet losses **2011**,		2
118	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		2
117	Optimal Tracking Design of an MIMO Linear System with Quantization Effects. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 3268-3273		2
116	Nested Switching Control Design for Fast PZT Actuated Nanopositioning. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 12703-12708		
115	Improved Servomechanism Control Design Nonswitching Case. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 8614-8619		1
114	Design and control of a rotary dual-stage actuator positioning system. *Mechatronics*, **2011**, 21, 1003-1012	3	28
113	Preview Control of Dual-Stage Actuator Systems for Superfast Transition Time. *IEEE/ASME Transactions on Mechatronics*, **2011**, 16, 758-763	5.5	16
112	Mean square stability for Kalman filtering with Markovian packet losses. *Automatica*, **2011**, 47, 2647-2657	3.7	142
111	A unified framework for mean square stability of Kalman filters with intermittent observations **2011**,		2
110	Attainability of the minimum data rate for stabilization of linear systems via logarithmic quantization. *Automatica*, **2011**, 47, 170-176	5.7	39
109	Kalman filtering for a class of degenerate systems with intermittent observations **2011**,		8
108	Hybrid Filterbank ADCs With Blind Filterbank Estimation. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2011**, 58, 2446-2457	3.9	5
107	Kalman filtering with intermittent observations: Bounds on the error covariance distribution **2011**,		8
106	Statistical properties of the error covariance in a Kalman filter with random measurement losses **2010**,		11

105	Stability Analysis of Finite-Level Quantized Discrete-Time Linear Control Systems. *European Journal of Control*, **2010**, 16, 258-271	2.5	9
104	A Continuous-Time Linear System Identification Method for Slowly Sampled Data. *IEEE Transactions on Signal Processing*, **2010**, 58, 2521-2533	4.8	19
103	Input and Output Quantized Feedback Linear Systems. *IEEE Transactions on Automatic Control*, **2010**, 55, 761-766	5.9	100
102	Dual-Stage Actuator Control Design Using a Doubly Coprime Factorization Approach. *IEEE/ASME Transactions on Mechatronics*, **2010**, 15, 339-348	5.5	29
101	A Recursive Method for the Approximation of LTI Systems Using Subband Processing. *IEEE Transactions on Signal Processing*, **2010**, 58, 1025-1034	4.8	3
100	A Reset State Estimator Using an Accelerometer for Enhanced Motion Control With Sensor Quantization. *IEEE Transactions on Control Systems Technology*, **2010**, 18, 79-90	4.8	35
99	A Factorization Approach to Sensitivity Loop Shaping for Disturbance Rejection in Hard Disk Drives. *IEEE Transactions on Magnetics*, **2010**, 46, 1220-1227	2	7
98	Stabilization of Markov jump linear systems using quantized state feedback. *Automatica*, **2010**, 46, 1696-1702	5.7	97
97	Quantized feedback control for linear uncertain systems. *International Journal of Robust and Nonlinear Control*, **2010**, 20, 843-857	3.6	48
96	Finite-Level Quantized Feedback Control for Linear Systems. *IEEE Transactions on Automatic Control*, **2009**, 54, 1165-1170	5.9	86
95	Quantized stabilization of Markov jump linear systems via state feedback **2009**,		8
94	Optimal design of hybrid filterbank analog-to-digital converters using input statistics **2009**,		1
93	Quantized consensus over expander networks and communication energy minimization **2009**,		2
92	Kalman filtering over unreliable communication networks with bounded Markovian packet dropouts. *International Journal of Robust and Nonlinear Control*, **2009**, 19, 1770-1786	3.6	50
91	State estimation for linear discrete-time systems using quantized measurements. *Automatica*, **2009**, 45, 2937-2945	5.7	110
90	Sensitivity loop shaping for disturbance rejection in hard disk drives **2009**,		1
89	A novel rotary dual-stage actuator positioner **2009**,		1
88	Linear quadratic Gaussian control with quantized feedback **2009**,		1

87	Linear LMS Compensation for Timing Mismatch in Time-Interleaved ADCs. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2009**, 56, 2476-2486	3.9	10
86	Optimality of the logarithmic quantizer for stabilization of linear systems: Achieving the minimum data rate **2009**,		5
85	Design of serially concatenated continuous phase modulation with symbol-wise interleaving. *IEEE Communications Letters*, **2009**, 13, 785-787	3.8	2
84	Nonlinear Tracking Control for a Hard Disk Drive Dual-Stage Actuator System. *IEEE/ASME Transactions on Mechatronics*, **2008**, 13, 510-518	5.5	37
83	Nonlinear Feedback Control of a Dual-Stage Actuator System for Reduced Settling Time. *IEEE Transactions on Control Systems Technology*, **2008**, 16, 717-725	4.8	25
82	Linear LMS compensation for timing mismatch in time-interleaved ADCs **2008**,		2
81	Quantization for feedback control and estimation **2008**,		5
80	Output feedback control of linear systems with input and output quantization **2008**,		3
79	Connections between quantized feedback control and quantized estimation **2008**,		3
78	State Estimation Using Quantized Measurements. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 12492-12497		3
77	Robust filtering for uncertain linear discrete-time descriptor systems. *Automatica*, **2008**, 44, 792-798	5.7	32
76	Improved Reset Control Design for a PZT Positioning Stage. *Control Applications (CCA), Proceedings of the IEEE International Conference on*, **2007**,		4
75	Ergodic Properties for Multirate Linear Systems. *IEEE Transactions on Signal Processing*, **2007**, 55, 461-473	4.8	2
74	A Robust Interpolation Algorithm for Spectral Analysis. *IEEE Transactions on Signal Processing*, **2007**, 55, 4851-4861	4.8	
73	On the indirect approaches for CARMA model identification. *Automatica*, **2007**, 43, 1457-1463	5.7	5
72	Nonlinear Tracking Control for a Hard Disk Drive Dual-Stage Actuator System **2007**,		3
71	Minimum switching control for adaptive tracking. *International Journal of Adaptive Control and Signal Processing*, **2006**, 20, 197-211	2.8	2
70	A Generalized Disturbance Filter Design and its Applications to a Spinstand Servo System with Microactuator **2006**,		5

69	On Gaussian Approximation for Density Evolution of Low-Density Parity-Check Codes **2006**,		7
68	Finite-Level Quantized Feedback Control for Linear Systems **2006**,		18
67	Robust stabilization of nonlinear cascaded systems. *Automatica*, **2006**, 42, 645-651	5.7	6
66	Modeling continuous-time processes via input-to-state filters. *Automatica*, **2006**, 42, 1073-1084	5.7	8
65	. *IEEE Transactions on Automatic Control*, **2005**, 50, 1698-1711	5.9	917
64	Integral quadratic constraint approach vs. multiplier approach. *Automatica*, **2005**, 41, 281-287	5.7	22
63	Performance analysis for subband identification. *IEEE Transactions on Signal Processing*, **2004**, 52, 142-154	4.8	8
62	On Walsh filtering method for decoding of CPM signals. *IEEE Communications Letters*, **2004**, 8, 345-347	3.8	4
61	Asymptotic properties of subband identification. *IEEE Transactions on Signal Processing*, **2003**, 51, 3128-3142	4.8	8
60	Guaranteed cost control of uncertain nonlinear systems via polynomial lyapunov functions. *IEEE Transactions on Automatic Control*, **2002**, 47, 1575-1580	5.9	48
59	A blind approach to Hammerstein model identification. *IEEE Transactions on Signal Processing*, **2002**, 50, 1610-1619	4.8	106
58	A nonlinear neural network model of mixture of local principal component analysis: application to handwritten digits recognition. *Pattern Recognition*, **2001**, 34, 203-214	7.7	30
57	Further results on localization-based switching adaptive control. *Automatica*, **2001**, 37, 257-263	5.7	19
56	Finite-horizon robust Kalman filter design. *IEEE Transactions on Signal Processing*, **2001**, 49, 2103-2112	4.8	64
55	Linear quadratic control with input saturation **2001**, 57-67		4
54	Robust H Filter Design via Parameter-Dependent Lyapunov Functions *. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2000**, 33, 65-70		6
53	GeneralizedS-procedure and finite frequency KYP lemma. *Mathematical Problems in Engineering*, **2000**, 6, 305-320	1.1	124
52	Exponential asymptotic stability of time-varying inverse prediction error filters. *IEEE Transactions on Signal Processing*, **2000**, 48, 1928-1936	4.8	1

51	Computational complexity of real structured singular value in l/sub p/ setting. *IEEE Transactions on Automatic Control*, **2000**, 45, 2173-2176	5.9	5
50	Convergence results of the analytic center estimator. *IEEE Transactions on Automatic Control*, **2000**, 45, 569-572	5.9	3
49	Robustness of the stability of feedback systems with respect to small time delays. *Systems and Control Letters*, **1999**, 36, 131-134	2.4	11
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