

Minyue Fu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4626241/minyue-fu-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 1698-1711	5.9	917
265	. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 279-292	5.9	305
264	A linear matrix inequality approach to robust H/sub /spl infin// filtering. <i>IEEE Transactions on Signal Processing</i> , 1997 , 45, 2338-2350	4.8	249
263	Distributed Formation Control of Multi-Agent Systems Using Complex Laplacian. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1765-1777	5.9	230
262	HEstimation for discrete-time linear uncertain systems. <i>International Journal of Robust and Nonlinear Control</i> , 1991 , 1, 111-123	3.6	152
261	Adaptive stabilization of linear systems via switching control. <i>IEEE Transactions on Automatic Control</i> , 1986 , 31, 1097-1103	5.9	149
260	Mean square stability for Kalman filtering with Markovian packet losses. <i>Automatica</i> , 2011 , 47, 2647-2653	3.7	142
259	HEstimation for uncertain systems. <i>International Journal of Robust and Nonlinear Control</i> , 1992 , 2, 87-105	3.6	127
258	GeneralizedS-procedure and finite frequency KYP lemma. <i>Mathematical Problems in Engineering</i> , 2000 , 6, 305-320	1.1	124
257	Piecewise Lyapunov functions for robust stability of linear time-varying systems. <i>Systems and Control Letters</i> , 1997 , 31, 165-171	2.4	123
256	Passivity analysis and passification for uncertain signal processing systems. <i>IEEE Transactions on Signal Processing</i> , 1998 , 46, 2394-2403	4.8	123
255	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
254	Robust Motion Control of a Linear Motor Positioner Using Fast Nonsingular Terminal Sliding Mode. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 1743-1752	5.5	113
253	State estimation for linear discrete-time systems using quantized measurements. <i>Automatica</i> , 2009 , 45, 2937-2945	5.7	110
252	A blind approach to Hammerstein model identification. <i>IEEE Transactions on Signal Processing</i> , 2002 , 50, 1610-1619	4.8	106
251	Distributed Bisection Method for Economic Power Dispatch in Smart Grid. <i>IEEE Transactions on Power Systems</i> , 2015 , 30, 3024-3035	7	100
250	Input and Output Quantized Feedback Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 761-766	5.9	100

249	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 726-736	10.7	99
248	Continuous-time and sampled-data-based average consensus with logarithmic quantizers. <i>Automatica</i> , 2013 , 49, 3329-3336	5.7	98
247	Consensus conditions for general second-order multi-agent systems with communication delay. <i>Automatica</i> , 2017 , 75, 293-298	5.7	98
246	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
245	Stabilization of Markov jump linear systems using quantized state feedback. <i>Automatica</i> , 2010 , 46, 1696-1702	5.7	97
244	Decentralized Optimal Scheduling for Charging and Discharging of Plug-In Electric Vehicles in Smart Grids. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 4118-4127	7	87
243	Finite-Level Quantized Feedback Control for Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 1165-1170	5.9	86
242	Finite-Time Control of a Linear Motor Positioner Using Adaptive Recursive Terminal Sliding Mode. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 6659-6668	8.9	79
241	Necessary and Sufficient Graphical Conditions for Affine Formation Control. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 2877-2891	5.9	78
240	Computing the frequency response of linear systems with parametric perturbation. <i>Systems and Control Letters</i> , 1990 , 15, 45-52	2.4	75
239	Maximal unidirectional perturbation bounds for stability of polynomials and matrices. <i>Systems and Control Letters</i> , 1988 , 11, 173-179	2.4	73
238	A Graph Laplacian Approach to Coordinate-Free Formation Stabilization for Directed Networks. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 1269-1280	5.9	67
237	. <i>IEEE Transactions on Signal Processing</i> , 1995 , 43, 709-719	4.8	67
236	Finite-horizon robust Kalman filter design. <i>IEEE Transactions on Signal Processing</i> , 2001 , 49, 2103-2112	4.8	64
235	A Barycentric Coordinate Based Distributed Localization Algorithm for Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 4760-4771	4.8	62
234	. <i>IEEE Transactions on Automatic Control</i> , 1997 , 42, 1032-1036	5.9	61
233	Computational complexity of a problem arising in fixed order output feedback design. <i>Systems and Control Letters</i> , 1997 , 30, 209-215	2.4	61
232	Identification of ARMA models using intermittent and quantized output observations. <i>Automatica</i> , 2013 , 49, 360-369	5.7	59

231	Robust nonlinear H _∞ filtering. <i>Automatica</i> , 1996 , 32, 1195-1199	5.7	57
230	Optimal PMU placement for power system state estimation with random component outages. <i>International Journal of Electrical Power and Energy Systems</i> , 2013 , 51, 35-42	5.1	54
229	Distributed weighted least-squares estimation with fast convergence for large-scale systems. <i>Automatica</i> , 2015 , 51, 27-39	5.7	53
228	Kalman filtering over unreliable communication networks with bounded Markovian packet dropouts. <i>International Journal of Robust and Nonlinear Control</i> , 2009 , 19, 1770-1786	3.6	50
227	Worst-case properties of the uniform distribution and randomized algorithms for robustness analysis. <i>Mathematics of Control, Signals, and Systems</i> , 1998 , 11, 183-196	1.3	50
226	. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 2600-2612	4.8	49
225	Nested adaptive super-twisting sliding mode control design for a vehicle steer-by-wire system. <i>Mechanical Systems and Signal Processing</i> , 2019 , 122, 658-672	7.8	49
224	Quantized feedback control for linear uncertain systems. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 843-857	3.6	48
223	Guaranteed cost control of uncertain nonlinear systems via polynomial lyapunov functions. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 1575-1580	5.9	48
222	Distributed event-driven control for finite-time consensus. <i>Automatica</i> , 2019 , 103, 88-95	5.7	46
221	Multi-sensor state estimation over lossy channels using coded measurements. <i>Automatica</i> , 2020 , 111, 108561	5.7	46
220	Distributed control for uniform circumnavigation of ring-coupled unicycles. <i>Automatica</i> , 2015 , 53, 23-29	5.7	44
219	Finite-Time H Filtering for Nonlinear Singular Systems With Nonhomogeneous Markov Jumps. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2133-2143	10.2	43
218	A distributed Kalman filtering algorithm with fast finite-time convergence for sensor networks. <i>Automatica</i> , 2018 , 95, 63-72	5.7	41
217	Kalman Filtering With Intermittent Observations: On the Boundedness of the Expected Error Covariance. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 2724-2738	5.9	40
216	Optimal filtering for networked systems with Markovian communication delays. <i>Automatica</i> , 2013 , 49, 3097-3104	5.7	39
215	Attainability of the minimum data rate for stabilization of linear systems via logarithmic quantization. <i>Automatica</i> , 2011 , 47, 170-176	5.7	39
214	Approximation Algorithms for Quadratic Programming. <i>Journal of Combinatorial Optimization</i> , 1998 , 2, 29-50	0.9	38

213	Nonlinear Tracking Control for a Hard Disk Drive Dual-Stage Actuator System. <i>IEEE/ASME Transactions on Mechatronics</i> , 2008 , 13, 510-518	5.5	37
212	A Reset State Estimator Using an Accelerometer for Enhanced Motion Control With Sensor Quantization. <i>IEEE Transactions on Control Systems Technology</i> , 2010 , 18, 79-90	4.8	35
211	Handwritten digit recognition by adaptive-subspace self-organizing map (ASSOM). <i>IEEE Transactions on Neural Networks</i> , 1999 , 10, 939-45		35
210	Robust filtering for uncertain linear discrete-time descriptor systems. <i>Automatica</i> , 2008 , 44, 792-798	5.7	32
209	A nonlinear neural network model of mixture of local principal component analysis: application to handwritten digits recognition. <i>Pattern Recognition</i> , 2001 , 34, 203-214	7.7	30
208	Dual-Stage Actuator Control Design Using a Doubly Coprime Factorization Approach. <i>IEEE/ASME Transactions on Mechatronics</i> , 2010 , 15, 339-348	5.5	29
207	Interpolation approach to H ₂ estimation and its interconnection to loop transfer recovery. <i>Systems and Control Letters</i> , 1991 , 17, 29-36	2.4	29
206	Design and control of a rotary dual-stage actuator positioning system. <i>Mechatronics</i> , 2011 , 21, 1003-1013		28
205	Distributed Localization for 2-D Sensor Networks With Bearing-Only Measurements Under Switching Topologies. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 6345-6359	4.8	27
204	Distributed Self Localization for Relative Position Sensing Networks in 2D Space. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 3751-3761	4.8	26
203	Stability of MMSE state estimators over lossy networks using linear coding. <i>Automatica</i> , 2015 , 51, 167-174	4.7	25
202	A Barycentric Coordinate-Based Approach to Formation Control Under Directed and Switching Sensing Graphs. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1202-1215	10.2	25
201	The real structured singular value is hardly approximable. <i>IEEE Transactions on Automatic Control</i> , 1997 , 42, 1286-1288	5.9	25
200	Nonlinear Feedback Control of a Dual-Stage Actuator System for Reduced Settling Time. <i>IEEE Transactions on Control Systems Technology</i> , 2008 , 16, 717-725	4.8	25
199	Robust stability of time-delay systems with an uncertain time-delay constant. <i>International Journal of Control</i> , 1993 , 57, 865-879	1.5	25
198	Stability conditions for multi-sensor state estimation over a lossy network. <i>Automatica</i> , 2015 , 53, 1-9	5.7	24
197	Lack of Separation Principle for Quantized Linear Quadratic Gaussian Control. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 2385-2390	5.9	24
196	The Vulnerability of Cyber-Physical System Under Stealthy Attacks. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 637-650	5.9	24

195	A fast clock synchronization algorithm for wireless sensor networks. <i>Automatica</i> , 2018 , 92, 133-142	5.7	23
194	. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 1269-1284	5.9	22
193	Consensus control for a network of high order continuous-time agents with communication delays. <i>Automatica</i> , 2018 , 89, 144-150	5.7	22
192	Controller and Scheduler Codesign for Feedback Control Over IEEE 802.15.4 Networks. <i>IEEE Transactions on Control Systems Technology</i> , 2016 , 24, 2016-2030	4.8	22
191	Distributed Kalman filter in a network of linear systems. <i>Systems and Control Letters</i> , 2018 , 116, 71-77	2.4	22
190	Integral quadratic constraint approach vs. multiplier approach. <i>Automatica</i> , 2005 , 41, 281-287	5.7	22
189	Covariance Intersection for Partially Correlated Random Vectors. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 619-629	5.9	20
188	Distributed algorithm for dynamic economic power dispatch with energy storage in smart grids. <i>IET Control Theory and Applications</i> , 2017 , 11, 1813-1821	2.5	20
187	. <i>IEEE/ASME Transactions on Mechatronics</i> , 2012 , 17, 1049-1058	5.5	20
186	Dynamic state estimation for power networks using distributed MAP technique. <i>Automatica</i> , 2016 , 73, 27-37	5.7	20
185	A Continuous-Time Linear System Identification Method for Slowly Sampled Data. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 2521-2533	4.8	19
184	Improved upper bounds for the mixed structured singular value. <i>IEEE Transactions on Automatic Control</i> , 1997 , 42, 1447-1452	5.9	19
183	Further results on localization-based switching adaptive control. <i>Automatica</i> , 2001 , 37, 257-263	5.7	19
182	H ₂ state estimation via asynchronous filtering for descriptor Markov jump systems with packet losses. <i>Signal Processing</i> , 2019 , 154, 159-167	4.4	19
181	Finite-Level Quantized Feedback Control for Linear Systems 2006 ,		18
180	The edge theorem and graphical tests for robust stability of neutral time-delay systems. <i>Automatica</i> , 1991 , 27, 739-741	5.7	18
179	Consensus for high-order multi-agent systems with communication delay. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	17
178	Saturation Control of a Piezoelectric Actuator for Fast Settling-Time Performance. <i>IEEE Transactions on Control Systems Technology</i> , 2013 , 21, 220-228	4.8	17

177	Optimal Stabilization Control for Discrete-Time Mean-Field Stochastic Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1125-1136	5.9	17
176	Preview Control of Dual-Stage Actuator Systems for Superfast Transition Time. <i>IEEE/ASME Transactions on Mechatronics</i> , 2011 , 16, 758-763	5.5	16
175	A revisit to the gain and phase margins of linear quadratic regulators. <i>IEEE Transactions on Automatic Control</i> , 1996 , 41, 1527-1530	5.9	16
174	Constrained Optimal Preview Control of Dual-Stage Actuators. <i>IEEE/ASME Transactions on Mechatronics</i> , 2016 , 21, 1179-1184	5.5	15
173	. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 1285-1300	5.9	14
172	Three-dimensional formation merging control under directed and switching topologies. <i>Automatica</i> , 2015 , 58, 99-105	5.7	14
171	Distributed coordination in multi-agent systems: a graph Laplacian perspective. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2015 , 16, 429-448	2.2	13
170	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
169	The use of wavelet transforms in phoneme recognition		12
168	Statistical properties of the error covariance in a Kalman filter with random measurement losses 2010 ,		11
167	Robustness of the stability of feedback systems with respect to small time delays. <i>Systems and Control Letters</i> , 1999 , 36, 131-134	2.4	11
166	Achieving diagonal interactor matrix for multivariable linear systems with uncertain parameters. <i>Automatica</i> , 1993 , 29, 1547-1550	5.7	11
165	Stability of Kalman filtering with a random measurement equation: Application to sensor scheduling with intermittent observations. <i>Automatica</i> , 2019 , 99, 390-402	5.7	11
164	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
163	Comparison of Periodic and Event-Based Sampling for Linear State Estimation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 5508-5513		10
162	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
161	Consensus based bisection approach for economic power dispatch 2014 ,		10
160	A new approach to distributed charging control for plug-in hybrid electric vehicles 2014 ,		10

159	Linear LMS Compensation for Timing Mismatch in Time-Interleaved ADCs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2009 , 56, 2476-2486	3.9	10
158	Comments on "A procedure for the positive definiteness of forms of even order". <i>IEEE Transactions on Automatic Control</i> , 1998 , 43, 1430	5.9	10
157	. <i>IEEE Sensors Journal</i> , 2021 , 21, 4949-4956	4	10
156	Stability Analysis of Finite-Level Quantized Discrete-Time Linear Control Systems. <i>European Journal of Control</i> , 2010 , 16, 258-271	2.5	9
155	. <i>IEEE Transactions on Automatic Control</i> , 1995 , 40, 213-223	5.9	9
154	Fingerprinting-Based Indoor Localization Using Interpolated Preprocessed CSI Phases and Bayesian Tracking. <i>Sensors</i> , 2020 , 20,	3.8	9
153	Single landmark based collaborative multi-agent localization with time-varying range measurements and information sharing. <i>Systems and Control Letters</i> , 2016 , 87, 56-63	2.4	9
152	Accuracy analysis for distributed weighted least-squares estimation in finite steps and loopy networks. <i>Automatica</i> , 2018 , 97, 82-91	5.7	9
151	Polytopes of Polynomials with Zeros in a Prescribed Region: New Criteria and Algorithms 1989 , 125-145		9
150	A proportional integral estimator-based clock synchronization protocol for wireless sensor networks. <i>ISA Transactions</i> , 2017 , 71, 148-160	5.5	8
149	An ADMM + consensus based distributed algorithm for dynamic economic power dispatch in smart grid 2015 ,		8
148	Optimal sensor scheduling for state estimation over lossy channel. <i>IET Control Theory and Applications</i> , 2015 , 9, 2458-2465	2.5	8
147	A new distributed localization method for sensor networks 2013 ,		8
146	Quantized stabilization of Markov jump linear systems via state feedback 2009 ,		8
145	Kalman filtering for a class of degenerate systems with intermittent observations 2011 ,		8
144	Kalman filtering with intermittent observations: Bounds on the error covariance distribution 2011 ,		8
143	Modeling continuous-time processes via input-to-state filters. <i>Automatica</i> , 2006 , 42, 1073-1084	5.7	8
142	Performance analysis for subband identification. <i>IEEE Transactions on Signal Processing</i> , 2004 , 52, 142-154	4.8	8

141	Asymptotic properties of subband identification. <i>IEEE Transactions on Signal Processing</i> , 2003 , 51, 3128-3142	4.8	8
140	Asymptotic Optimality of the Maximum-Likelihood Kalman Filter for Bayesian Tracking With Multiple Nonlinear Sensors. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 4502-4515	4.8	7
139	Observer-based control for singular nonhomogeneous Markov jump systems with packet losses. <i>Journal of the Franklin Institute</i> , 2018 , 355, 6617-6637	4	7
138	Optimal Preview Control of a Dual-Stage Actuator System for Triangular Reference Tracking. <i>IEEE Transactions on Control Systems Technology</i> , 2014 , 22, 2408-2416	4.8	7
137	A fully distributed approach to formation maneuvering control of multi-agent systems 2014 ,		7
136	Identification of ARMA models using intermittent and quantized output observations 2011 ,		7
135	A Factorization Approach to Sensitivity Loop Shaping for Disturbance Rejection in Hard Disk Drives. <i>IEEE Transactions on Magnetics</i> , 2010 , 46, 1220-1227	2	7
134	On Gaussian Approximation for Density Evolution of Low-Density Parity-Check Codes 2006 ,		7
133	Finite test of robust strict positive realness. <i>International Journal of Control</i> , 1996 , 64, 887-897	1.5	7
132	A new decentralized algorithm for optimal load shifting via electric vehicles 2017 ,		6
131	Distributed Weighted Least-Squares Estimation for Power Networks. <i>IFAC-PapersOnLine</i> , 2015 , 48, 562-567	5.67	6
130	Two Schemes of Data Dropout Compensation for LQG Control of Networked Control Systems. <i>Asian Journal of Control</i> , 2015 , 17, 55-63	1.7	6
129	Quantized output feedback control with multiplicative measurement noises. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1338-1351	3.6	6
128	Co-design for control and scheduling over wireless industrial control networks 2015 ,		6
127	Distributed circumnavigation by unicycles with cyclic repelling strategies 2013 ,		6
126	High precision feedback control design for dual-actuator systems		6
125	Robust stabilization of nonlinear cascaded systems. <i>Automatica</i> , 2006 , 42, 645-651	5.7	6
124	Robust H _∞ Filter Design via Parameter-Dependent Lyapunov Functions *. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2000 , 33, 65-70		6

123	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2653-2664	7.3	6
122	Dynamic Indoor Localization Using Maximum Likelihood Particle Filtering. <i>Sensors</i> , 2021 , 21,	3.8	6
121	Performance comparison of distributed state estimation algorithms for power systems. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 595-615	1	5
120	Formation maneuvering with collision avoidance and connectivity maintenance 2015 ,		5
119	A barycentric coordinate based approach to formation control of multi-agent systems under directed and switching topologies 2015 ,		5
118	Decentralized control of aggregated loads for demand response 2013 ,		5
117	Hybrid Filterbank ADCs With Blind Filterbank Estimation. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011 , 58, 2446-2457	3.9	5
116	Optimality of the logarithmic quantizer for stabilization of linear systems: Achieving the minimum data rate 2009 ,		5
115	Global quadratic stabilization of a class of nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 1998 , 8, 483-497	3.6	5
114	Quantization for feedback control and estimation 2008 ,		5
113	On the indirect approaches for CARMA model identification. <i>Automatica</i> , 2007 , 43, 1457-1463	5.7	5
112	A Generalized Disturbance Filter Design and its Applications to a Spinstand Servo System with Microactuator 2006 ,		5
111	Optimal control of networked systems with limited communication: a combined heuristic and convex optimization approach		5
110	Multiple antenna wireless communication systems: limits to capacity growth		5
109	Computational complexity of real structured singular value in l_p setting. <i>IEEE Transactions on Automatic Control</i> , 2000 , 45, 2173-2176	5.9	5
108	Robust relative stability of time-invariant and time-varying lattice filters. <i>IEEE Transactions on Signal Processing</i> , 1998 , 46, 2088-2100	4.8	5
107	Statistical Approach to Detection of Attacks for Stochastic Cyber-Physical Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 849-856	5.9	5
106	Distributed Consensus of Third-order Multi-agent Systems with Communication Delay. <i>Asian Journal of Control</i> , 2018 , 20, 956-961	1.7	5

105	Adaptive Consensus of Nonlinearly Parameterized Multi-Agent Systems 2019 , 3, 505-510		4
104	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
103	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
102	Saturation-aware control design for microBano positioning systems. <i>IET Control Theory and Applications</i> , 2017 , 11, 2559-2566	2.5	4
101	Decentralized PWM-based charging control for plug-in electric vehicles 2015 ,		4
100	Distributed algorithm for economic power dispatch including transmission losses 2015 ,		4
99	Affine formation of multi-agent systems over directed graphs 2014 ,		4
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	Multistage multirate adaptive filters		4
96	Improved Reset Control Design for a PZT Positioning Stage. <i>Control Applications (CCA), Proceedings of the IEEE International Conference on</i> , 2007 ,		4
95	On Walsh filtering method for decoding of CPM signals. <i>IEEE Communications Letters</i> , 2004 , 8, 345-347	3.8	4
94	Linear quadratic control with input saturation 2001 , 57-67		4
93	Predictive control for networked systems affected by correlated packet loss. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5078-5094	3.6	4
92	A Fast Distributed Solver for Linear Systems Under Generalized Diagonal Dominance. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2423-2429	5.9	4
91	A consensus-based distributed method of clock synchronization for sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2017 , 13, 155014771769732	1.7	3
90	Convergence rate analysis of Gaussian belief propagation for Markov networks. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 668-673	7	3
89	Stability of Kalman Filtering with Multiple Sensors Involving Lossy Communications. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 116-121		3
88	Distributed dynamic state estimation with parameter identification for large-scale systems. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6200-6216	4	3

87	Kalman Filtering Over Lossy Networks Under Switching Sensors. <i>Asian Journal of Control</i> , 2015 , 17, 45-54.	4.7	3
86	. <i>IEEE Transactions on Control of Network Systems</i> , 2015 , 2, 358-369	4	3
85	A linear approach to formation control under directed and switching topologies 2014 ,		3
84	Distributed weighted least squares estimation with fast convergence in large-scale systems 2013 ,		3
83	A Recursive Method for the Approximation of LTI Systems Using Subband Processing. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 1025-1034	4.8	3
82	Handwritten Digit Recognition by a Mixture of Local Principal Component Analysis. <i>Neural Processing Letters</i> , 1998 , 8, 241-252	2.4	3
81	Output feedback control of linear systems with input and output quantization 2008 ,		3
80	Connections between quantized feedback control and quantized estimation 2008 ,		3
79	State Estimation Using Quantized Measurements. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 12492-12497		3
78	Nonlinear Tracking Control for a Hard Disk Drive Dual-Stage Actuator System 2007 ,		3
77	Convergence results of the analytic center estimator. <i>IEEE Transactions on Automatic Control</i> , 2000 , 45, 569-572	5.9	3
76	Optimized filterbank design for subband identification with oversampling		3
75	Achieving vector relative degree for nonlinear systems with parametric uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 1995 , 5, 139-151	3.6	3
74	Learning multiple causes by competition enhanced least mean square error reconstruction. <i>International Journal of Neural Systems</i> , 1996 , 7, 223-36	6.2	3
73	. <i>Control Systems Magazine</i> , 1989 , 9, 100-101		3
72	Distributed weighted least-squares estimation for networked systems with edge measurements. <i>Automatica</i> , 2020 , 120, 109091	5.7	3
71	Statistical Approach to Detection of Attacks for Stochastic Cyber-Physical Systems. <i>IFAC-PapersOnLine</i> , 2018 , 51, 178-183	0.7	3
70	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

69	Convergence analysis for Gaussian belief propagation: Dynamic behaviour of marginal covariances 2016 ,		2
68	Clock synchronization over wireless sensor network via a filter-based approach 2017 ,		2
67	Consensus problems in networks of agents with communication delay 2015 ,		2
66	A simple robust controller for hysteresis and resonance compensation of piezoelectric actuators 2012 ,		2
65	New results on node localizable conditions for sensor networks 2012 ,		2
64	Stability of the Kalman filtering with two periodically switching sensors over lossy networks 2013 ,		2
63	A new distributed state estimation technique for power networks 2013 ,		2
62	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
61	Optimal PMU placement for power system state estimation with random communication packet losses 2011 ,		2
60	Necessary and Sufficient Conditions for Stability of Kalman Filtering with Markovian Packet Losses. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 12465-12470		2
59	Optimal Tracking Design of an MIMO Linear System with Quantization Effects. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 3268-3273		2
58	A unified framework for mean square stability of Kalman filters with intermittent observations 2011 ,		2
57	Quantized consensus over expander networks and communication energy minimization 2009 ,		2
56	A New Encoder for Continuous-Time Gaussian Signals With Fixed Rate and Reconstruction Delay. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 3052-3064	4.8	2
55	Design of serially concatenated continuous phase modulation with symbol-wise interleaving. <i>IEEE Communications Letters</i> , 2009 , 13, 785-787	3.8	2
54	Linear LMS compensation for timing mismatch in time-interleaved ADCs 2008 ,		2
53	Ergodic Properties for Multirate Linear Systems. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 461-473	4.8	2
52	Minimum switching control for adaptive tracking. <i>International Journal of Adaptive Control and Signal Processing</i> , 2006 , 20, 197-211	2.8	2

51	Modified Mikhailov plots for robust absolute stability with non-parametric perturbations and uncertain nonlinearity. <i>International Journal of Control</i> , 1993 , 58, 925-932	1.5	2
50	Comments on A necessary and sufficient condition for the positive-definiteness of interval symmetric matrices□ <i>International Journal of Control</i> , 1987 , 46, 1485-1485	1.5	2
49	Polytopes of Polynomials with Zeros in a Prescribed Region 1988 ,		2
48	Distributed Newton Optimization with Maximized Convergence Rate. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	2
47	High Precision Over Long Range: A Macro□Micro Approach to Quantized Positioning Systems. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 2406-2415	4.8	2
46	A distributed adaptive scheme for multiagent systems. <i>Asian Journal of Control</i> , 2020 ,	1.7	2
45	Convergence Properties of Message-Passing Algorithm for Distributed Convex Optimisation With Scaled Diagonal Dominance. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 3868-3877	4.8	2
44	Distributed Kalman estimation with decoupled local filters. <i>Automatica</i> , 2021 , 130, 109724	5.7	2
43	Mean-square stabilizability via output feedback for a non-minimum phase networked feedback system. <i>Automatica</i> , 2019 , 105, 142-148	5.7	1
42	Cooperative localization of a cascading quadrilateral network 2014 ,		1
41	A linear control approach to distributed multi-agent formations in d-dimensional space 2013 ,		1
40	A new distributed method for clock synchronization in sensor networks 2017 ,		1
39	A distributed MAP approach to dynamic state estimation with applications in power networks 2015 ,		1
38	Stability analysis of a distributed state estimator for linear systems 2012 ,		1
37	Kalman filtering with intermittent observations using measurements coding 2013 ,		1
36	Optimal preview control of dual-stage actuators system for triangular reference tracking 2013 ,		1
35	State estimation subject to random network delays without time stamping 2013 ,		1
34	Improved Servomechanism Control Design □Nonswitching Case. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 8614-8619		1

33	Optimal design of hybrid filterbank analog-to-digital converters using input statistics 2009 ,		1
32	Sensitivity loop shaping for disturbance rejection in hard disk drives 2009 ,		1
31	A novel rotary dual-stage actuator positioner 2009 ,		1
30	A switching controller for piezoelectric microactuators in dual-stage actuator hard disk drives 2012 ,		1
29	Infinite horizon lqg control with fixed-rate quantization 2012 ,		1
28	Linear quadratic Gaussian control with quantized feedback 2009 ,		1
27	Subband methods for OFDM equalization		1
26	Generalizations of the Nevanlinna-Pick interpolation Problem		1
25	Exponential asymptotic stability of time-varying inverse prediction error filters. <i>IEEE Transactions on Signal Processing</i> , 2000 , 48, 1928-1936	4.8	1
24	Robust Nonlinear Forwarding with Smooth State Feedback Control. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1999 , 32, 3096-3101		1
23	Robust positive realness of functions with dependent parameter uncertainty in numerator and denominator. <i>International Journal of Control</i> , 1992 , 55, 1279-1284	1.5	1
22	Stochastic stabilization and destabilization of nonlinear and time-varying hybrid systems by noise. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 6241-6261	3.6	1
21	Unified approach to controller and MMSE estimator design with intermittent communications 2016 ,		1
20	A Filter-based Clock Synchronization Protocol for Wireless Sensor Networks. <i>Asian Journal of Control</i> , 2019 , 21, 1389-1403	1.7	1
19	Distributed convex optimization based on ADMM and belief propagation methods. <i>Asian Journal of Control</i> , 2021 , 23, 1040-1051	1.7	1
18	High-Precision Tracking of Periodic Signals: a Macro-Micro Approach with Quantized Feedback. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	1
17	Synthesis and L2-gain analysis for switched systems under event-triggered switching. <i>Asian Journal of Control</i> ,	1.7	1
16	Convergence and Accuracy Analysis for a Distributed Static State Estimator Based on Gaussian Belief Propagation. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4785-4791	5.9	1

15	Approximation of complex \bar{u} . <i>Communications and Control Engineering</i> , 1999 , 105-107	0.6	1
14	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
13	Finite-Time Average Consensus Based Approach for Distributed Convex Optimization. <i>Asian Journal of Control</i> , 2020 , 22, 323-333	1.7	0
12	Quantitative bounds for general Razumikhin-type functional differential inequalities with applications. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020 , 86, 105253	3.7	
11	Asymptotic properties of statistical estimators using multivariate Chi-squared measurements 2020 , 103, 102754		
10	Asymptotic Optimality of the Maximum-likelihood Filter for Bayesian Tracking in Sensor Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 7400-7405		
9	Controller Design for Networked Control Systems Affected by Correlated Packet Losses. <i>IFAC-PapersOnLine</i> , 2017 , 50, 2555-2560	0.7	
8	Nested Switching Control Design for Fast PZT Actuated Nanopositioning. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 12703-12708		
7	On Identification of Linear Systems with Quantized and Intermittent Information. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 304-309		
6	A Robust Interpolation Algorithm for Spectral Analysis. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 4851-4861	4.8	
5	Counter-example to a recent result on the Schur stability of interval matrices by C.-l. Jiang. <i>International Journal of Control</i> , 1989 , 49, 2271-2271	1.5	
4	. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	
3	Distributed optimization algorithm for economic dispatch: A bisectional approach 2020 , 177-202		
2	Identification of Continuous-time Linear Time-varying Systems with Abrupt Changes in Parameters. <i>IFAC-PapersOnLine</i> , 2021 , 54, 339-344	0.7	
1	Asymptotic convergence of a distributed weighted least squares algorithm for networked systems with vector node variables. <i>Systems and Control Letters</i> , 2022 , 165, 105265	2.4	