

Daniel E Quevedo

List of Publications by Year in descending order

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258
papers

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#	ARTICLE	IF	CITATIONS
1	Stealthy Hacking and Secrecy of Controlled State Estimation Systems With Random Dropouts. IEEE Transactions on Automatic Control, 2023, 68, 31-46.	3.6	4
2	Transmission Power Policies for Energy-Efficient Wireless Control of Nonlinear Systems. IEEE Transactions on Automatic Control, 2023, 68, 3362-3376.	3.6	2
3	Adaptive Resilient Control of Cyber-Physical Systems Under Actuator and Sensor Attacks. IEEE Transactions on Industrial Informatics, 2022, 18, 3203-3212.	7.2	16
4	Optimization Over Time-Varying Networks and Unbounded Information Delays. IEEE Transactions on Automatic Control, 2022, 67, 4131-4137.	3.6	3
5	Anytime Control Under Practical Communication Models. IEEE Transactions on Automatic Control, 2022, 67, 5400-5407.	3.6	1
6	Remote State Estimation With Smart Sensors Over Markov Fading Channels. IEEE Transactions on Automatic Control, 2022, 67, 2743-2757.	3.6	22
7	Fast Hands-Off Control Using ADMM Real-Time Iterations. IEEE Transactions on Automatic Control, 2022, 67, 5416-5423.	3.6	1
8	On extended state estimation for nonlinear uncertain systems with round-robin protocol. Automatica, 2022, 138, 110154.	3.0	29
9	Coding for Secrecy in Remote State Estimation With an Adversary. IEEE Transactions on Automatic Control, 2022, 67, 4955-4962.	3.6	3
10	Stability Conditions for Remote State Estimation of Multiple Systems Over Semi-Markov Fading Channels. , 2022, 6, 2954-2959.		4
11	Remote State Estimation in the Presence of an Active Eavesdropper. IEEE Transactions on Automatic Control, 2021, 66, 229-244.	3.6	28
12	Asynchronous Stochastic Approximations With Asymptotically Biased Errors and Deep Multiagent Learning. IEEE Transactions on Automatic Control, 2021, 66, 3969-3983.	3.6	4
13	On Periodic Scheduling and Control for Networked Systems Under Random Data Loss. IEEE Transactions on Control of Network Systems, 2021, 8, 1788-1798.	2.4	7
14	Robust MPC for networks with varying communication capabilities. IFAC-PapersOnLine, 2021, 54, 20-27.	0.5	0
15	Remote State Estimation in the Presence of an Eavesdropper. Lecture Notes in Control and Information Sciences, 2021, , 231-256.	0.6	1
16	Encryption scheduling for remote state estimation under an operation constraint. Automatica, 2021, 127, 109537.	3.0	13
17	Guest Editorial Model Predictive Control in Energy Conversion Systems. IEEE Transactions on Energy Conversion, 2021, 36, 1311-1312.	3.7	0
18	Privacy-Preserving Correlated Data Publication: Privacy Analysis and Optimal Noise Design. IEEE Transactions on Network Science and Engineering, 2021, 8, 2014-2024.	4.1	5

#	ARTICLE	IF	CITATIONS
19	Encrypted Control for Networked Systems: An Illustrative Introduction and Current Challenges. IEEE Control Systems, 2021, 41, 58-78.	1.0	61
20	Stabilizing Scheduling Policies for Networked Control Systems. IEEE Transactions on Control of Network Systems, 2020, 7, 163-175.	2.4	22
21	Defensive deception against reactive jamming attacks in remote state estimation. Automatica, 2020, 113, 108680.	3.0	19
22	Deep reinforcement learning for wireless sensor scheduling in cyber-physical systems. Automatica, 2020, 113, 108759.	3.0	82
23	Enabling Multistep Model Predictive Control for Transient Operation of Power Converters. IEEE Open Journal of the Industrial Electronics Society, 2020, 1, 284-297.	4.8	15
24	A Game-Theoretic Approach to Covert Communications. , 2020, , .		3
25	Optimal event-triggered transmission scheduling for privacy-preserving wireless state estimation. International Journal of Robust and Nonlinear Control, 2020, 30, 4205-4224.	2.1	8
26	Stochastic predictive control under intermittent observations and unreliable actions. Automatica, 2020, 118, 109012.	3.0	14
27	Time-based transmission power policies for energy-efficient wireless control of nonlinear systems. , 2020, , .		1
28	Behavioral Economics for Human-in-the-Loop Control Systems Design: Overconfidence and the Hot Hand Fallacy. IEEE Control Systems, 2020, 40, 57-76.	1.0	9
29	Encrypted Cooperative Control Based on Structured Feedback. , 2019, 3, 37-42.		57
30	Combined control and communication scheduling for constrained system using robust output feedback MPC. , 2019, , .		7
31	Pricing and Selection of Channels for Remote State Estimation Using a Stackelberg Game Framework. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 657-668.	1.6	7
32	Stochastic predictive control. International Journal of Robust and Nonlinear Control, 2019, 29, 4985-4986.	2.1	0
33	Optimal Energy Allocation in Multisensor Estimation Over Wireless Channels Using Energy Harvesting and Sharing. IEEE Transactions on Automatic Control, 2019, 64, 4337-4344.	3.6	25
34	Information Bounds for State Estimation in the Presence of an Eavesdropper. , 2019, 3, 547-552.		7
35	Finite Time Encryption Schedule in the Presence of an Eavesdropper with Operation Cost. , 2019, , .		5
36	On noise-to-state stability of stochastic discrete-time systems via finite-step Lyapunov functions. , 2019, , .		1

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37	Deep reinforcement learning for scheduling in large-scale networked control systems. IFAC-PapersOnLine, 2019, 52, 333-338.	0.5	8
38	DoS Attacks on Remote State Estimation With Asymmetric Information. IEEE Transactions on Control of Network Systems, 2019, 6, 653-666.	2.4	41
39	Model Predictive Control for Power Electronics Applications. Control Engineering, 2019, , 551-580.	0.3	8
40	Tradeoffs in Stochastic Event-Triggered Control. IEEE Transactions on Automatic Control, 2019, 64, 2567-2574.	3.6	29
41	Secure State Estimation Against Integrity Attacks: A Gaussian Mixture Model Approach. IEEE Transactions on Signal Processing, 2019, 67, 194-207.	3.2	52
42	Transmission Scheduling for Remote State Estimation Over Packet Dropping Links in the Presence of an Eavesdropper. IEEE Transactions on Automatic Control, 2019, 64, 3732-3739.	3.6	60
43	Predictive control for networked systems affected by correlated packet loss. International Journal of Robust and Nonlinear Control, 2019, 29, 5078-5094.	2.1	6
44	Stability Analysis of Event-Triggered Anytime Control With Multiple Control Laws. IEEE Transactions on Automatic Control, 2019, 64, 420-426.	3.6	6
45	Ausgewählte Beiträge des GMA-Fachausschusses 1.50. Automatisierungstechnik, 2019, 67, 988-989.	0.4	0
46	Towards Encrypted MPC for Linear Constrained Systems. , 2018, 2, 195-200.		82
47	Transmission scheduling for remote state estimation and control with an energy harvesting sensor. Automatica, 2018, 91, 54-60.	3.0	40
48	Event-Triggered Quantized Communication-Based Distributed Convex Optimization. IEEE Transactions on Control of Network Systems, 2018, 5, 167-178.	2.4	74
49	Optimal Control of Linear Systems With Limited Control Actions: Threshold-Based Event-Triggered Control. IEEE Transactions on Control of Network Systems, 2018, 5, 1275-1286.	2.4	34
50	Stabilizing Stochastic Predictive Control Under Bernoulli Dropouts. IEEE Transactions on Automatic Control, 2018, 63, 1579-1590.	3.6	20
51	Sparse and constrained stochastic predictive control for networked systems. Automatica, 2018, 87, 40-51.	3.0	14
52	Limitations and Accuracy of a Continuous Reduced-Order Model for Modular Multilevel Converters. IEEE Transactions on Power Electronics, 2018, 33, 6292-6303.	5.4	11
53	Optimal Power Allocation for Kalman Filtering over Fading Channels. Springer Briefs in Electrical and Computer Engineering, 2018, , 9-34.	0.3	0
54	Optimal Transmission Scheduling for Event-Triggered Estimation with Packet Drops. Springer Briefs in Electrical and Computer Engineering, 2018, , 35-64.	0.3	0

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55	Optimal Transmission Strategies for Remote State Estimation. Springer Briefs in Electrical and Computer Engineering, 2018, , 65-83.	0.3	0
56	Remote State Estimation in Multi-hop Networks. Springer Briefs in Electrical and Computer Engineering, 2018, , 85-123.	0.3	0
57	Encrypted cloud-based MPC for linear systems with input constraints. IFAC-PapersOnLine, 2018, 51, 535-542.	0.5	28
58	Technical Committee on Networks and Communication Systems [Technical Activities]. IEEE Control Systems, 2018, 38, 18-19.	1.0	0
59	Q-Adaptive Control of the Nonlinear Dynamics of the Cantilever-Sample System of an Atomic Force Microscope. IEEE Latin America Transactions, 2018, 16, 2400-2408.	1.2	0
60	On the Use of Artificial Noise for Secure State Estimation in the Presence of Eavesdroppers. , 2018, , .		14
61	A fixed-point implementation of explicit MPC laws. , 2018, , .		0
62	DeepCAS: A Deep Reinforcement Learning Algorithm for Control-Aware Scheduling. , 2018, 2, 737-742.		45
63	Optimal Control of Energy Resources for State Estimation Over Wireless Channels. Springer Briefs in Electrical and Computer Engineering, 2018, , .	0.3	5
64	Power Control of an Energy Harvesting Sensor for Remote State Estimation. IEEE Transactions on Automatic Control, 2017, 62, 277-290.	3.6	61
65	SINR-Based DoS Attack on Remote State Estimation: A Game-Theoretic Approach. IEEE Transactions on Control of Network Systems, 2017, 4, 632-642.	2.4	227
66	A multi-channel transmission schedule for remote state estimation under DoS attacks. Automatica, 2017, 78, 194-201.	3.0	178
67	Energy-Aware Radio Chip Management for Wireless Control. IEEE Transactions on Control Systems Technology, 2017, 25, 2121-2134.	3.2	1
68	Co-design of jump estimators and transmission policies for wireless multi-hop networks with fading channels. Automatica, 2017, 81, 68-74.	3.0	9
69	Stochastic Game in Remote Estimation Under DoS Attacks. , 2017, 1, 146-151.		30
70	Event-triggered distributed constrained consensus. International Journal of Robust and Nonlinear Control, 2017, 27, 3043-3060.	2.1	16
71	Improved results on transmission power control for remote state estimation. Systems and Control Letters, 2017, 107, 44-48.	1.3	6
72	Resource efficient stochastic predictive control under packet dropouts. IET Control Theory and Applications, 2017, 11, 1666-1673.	1.2	6

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73	Collaborative processing in distributed control for resource constrained systems. IET Control Theory and Applications, 2017, 11, 1796-1806.	1.2	1
74	Output Feedback Stable Stochastic Predictive Control With Hard Control Constraints. , 2017, 1, 382-387.		4
75	Sensor Scheduling in Variance Based Event Triggered Estimation With Packet Drops. IEEE Transactions on Automatic Control, 2017, 62, 1880-1895.	3.6	92
76	On the Trade-Off Between Communication and Control Cost in Event-Triggered Dead-Beat Control. IEEE Transactions on Automatic Control, 2017, 62, 2973-2980.	3.6	44
77	A Game-Theoretic Approach to Fake-Acknowledgment Attack on Cyber-Physical Systems. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 1-11.	1.6	39
78	Controller Design for Networked Control Systems Affected by Correlated Packet Losses. IFAC-PapersOnLine, 2017, 50, 2555-2560.	0.5	1
79	Event-Based Transmission Scheduling and LQG Control Over a Packet Dropping Link. IFAC-PapersOnLine, 2017, 50, 8945-8950.	0.5	12
80	On Remote State Estimation in the Presence of an Eavesdropper. IFAC-PapersOnLine, 2017, 50, 7339-7344.	0.5	11
81	Performance Analysis of Event-Triggered Control Systems with A Probabilistic Triggering Mechanism: The Scalar Case. IFAC-PapersOnLine, 2017, 50, 10084-10089.	0.5	5
82	Sparsity-promoting iterative learning control for resource-constrained control systems. , 2017, , .		1
83	State estimation over Markovian packet dropping links in the presence of an eavesdropper. , 2017, , .		14
84	Game-theoretic pricing and selection with fading channels. , 2017, , .		1
85	Discrete-time hands-off control by sparse optimization. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	31
86	Threshold optimization of event-triggered multi-loop control systems. , 2016, , .		2
87	On the reachability property for networks of linear time-invariant subsystems. , 2016, , .		0
88	Fast multistep finite control set model predictive control for transient operation of power converters. , 2016, , .		17
89	Adaptive control of the nonlinear dynamic behavior of the cantilever-sample system of an atomic force microscope. , 2016, , .		2
90	Dropout feedback parametrized policies for stochastic predictive controller. IFAC-PapersOnLine, 2016, 49, 59-64.	0.5	4

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91	A secure cross-layer design for remote estimation under DoS attack: When multi-sensor meets multi-channel. , 2016, , .		4
92	Unified approach to controller and MMSE estimator design with intermittent communications. , 2016, , .		2
93	Predictive control, embedded cyberphysical systems and systems of systems “ A perspective. Annual Reviews in Control, 2016, 41, 193-207.	4.4	62
94	Multiple descriptions for packetized predictive control. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	5
95	A Game-Theoretic Approach to Jamming Attacks on Remote State Estimation in Cyber-Physical Systems. , 2016, , 3-30.		1
96	Technical Committee on Networks and Communication Systems [Technical Activities]. IEEE Control Systems, 2016, 36, 13-15.	1.0	0
97	Robust stability of a class of Networked Control Systems. Automatica, 2016, 73, 117-124.	3.0	12
98	Call for Papers: Special issue of<i>international journal of robust and nonlinear control</i>: “stochastic predictive control” International Journal of Robust and Nonlinear Control, 2016, 26, 3670-3670.	2.1	0
99	Stable stochastic predictive controller under unreliable up-link. , 2016, , .		4
100	Optimal transmission policies for variance based event triggered estimation with an energy harvesting sensor. , 2016, , .		4
101	Characterization of maximum hands-off control. Systems and Control Letters, 2016, 94, 31-36.	1.3	37
102	Controller and Scheduler Codesign for Feedback Control Over IEEE 802.15.4 Networks. IEEE Transactions on Control Systems Technology, 2016, 24, 2016-2030.	3.2	32
103	Kalman Filtering With Relays Over Wireless Fading Channels. IEEE Transactions on Automatic Control, 2016, 61, 1643-1648.	3.6	34
104	Maximum Hands-Off Control: A Paradigm of Control Effort Minimization. IEEE Transactions on Automatic Control, 2016, 61, 735-747.	3.6	132
105	On Network Topology Reconfiguration for Remote State Estimation. IEEE Transactions on Automatic Control, 2016, 61, 3842-3856.	3.6	10
106	Shaped Gaussian Dictionaries for Quantized Networked Control Systems With Correlated Dropouts. IEEE Transactions on Signal Processing, 2016, 64, 203-213.	3.2	16
107	A Stochastic Model Predictive Controller for Systems with Unreliable Communications. IFAC-PapersOnLine, 2015, 48, 57-64.	0.5	15
108	Event-triggered anytime control with two controllers. , 2015, , .		1

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109	Uniform Global Asymptotic Stability of Networked Control Systems affected with packet dropouts and scheduling issues. , 2015, , .		0
110	Predictive Control in the Era of Networked Control and Communication - a Perspective. IFAC-PapersOnLine, 2015, 48, 322-331.	0.5	3
111	Distortion Minimization in Multi-Sensor Estimation Using Energy Harvesting and Energy Sharing. IEEE Transactions on Signal Processing, 2015, 63, 2848-2863.	3.2	32
112	Fake-acknowledgment attack on ACK-based sensor power schedule for remote state estimation. , 2015, , .		9
113	Co-design for control and scheduling over wireless industrial control networks. , 2015, , .		9
114	To wait or to drop: On the optimal number of retransmissions in wireless control. , 2015, , .		8
115	On the optimality of threshold policies in event triggered estimation with packet drops. , 2015, , .		14
116	Predictive direct power control for grid connected power converters with dc-link voltage dynamic reference design. , 2015, , .		9
117	Switched Model Predictive Control for Improved Transient and Steady-State Performance. IEEE Transactions on Industrial Informatics, 2015, 11, 968-977.	7.2	63
118	Multiple-Loop Self-Triggered Model Predictive Control for Network Scheduling and Control. IEEE Transactions on Control Systems Technology, 2015, 23, 2167-2181.	3.2	84
119	Data-driven power control for state estimation: A Bayesian inference approach. Automatica, 2015, 54, 332-339.	3.0	34
120	Jamming Attacks on Remote State Estimation in Cyber-Physical Systems: A Game-Theoretic Approach. IEEE Transactions on Automatic Control, 2015, 60, 2831-2836.	3.6	346
121	Multi-sensor estimation using energy harvesting and energy sharing. , 2015, , .		0
122	Validation of a reduced order model for modular multilevel converters and analysis of circulating current. , 2015, , .		5
123	An H _∞ suboptimal robust control approach for systems with uncertainties and data dropouts. International Journal of Systems Science, 2015, 46, 1971-1981.	3.7	3
124	Predictive Control of Power Converters: Designs With Guaranteed Performance. IEEE Transactions on Industrial Informatics, 2015, 11, 53-63.	7.2	162
125	Stochastic MPC with applications to process control. International Journal of Control, 2015, 88, 792-800.	1.2	12
126	Performance of Multistep Finite Control Set Model Predictive Control for Power Electronics. IEEE Transactions on Power Electronics, 2015, 30, 1633-1644.	5.4	270

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127	Anytime Control Using Input Sequences With Markovian Processor Availability. IEEE Transactions on Automatic Control, 2015, 60, 515-521.	3.6	8
128	Predictive Optimal Switching Sequence Direct Power Control for Grid-Connected Power Converters. IEEE Transactions on Industrial Electronics, 2015, 62, 2010-2020.	5.2	302
129	Stochastic Stability of Event-Triggered Anytime Control. IEEE Transactions on Automatic Control, 2014, 59, 3373-3379.	3.6	62
130	Recent Developments in Networked Control and Estimation. IET Control Theory and Applications, 2014, 8, 2123-2125.	1.2	9
131	A jump filter for uncertain dynamic systems with dropouts. , 2014, , .		0
132	Reference design for predictive control of modular multilevel converters. , 2014, , .		7
133	Sparse Packetized Predictive Control for Networked Control Over Erasure Channels. IEEE Transactions on Automatic Control, 2014, 59, 1899-1905.	3.6	83
134	Predictive Control in Power Electronics and Drives: Basic Concepts, Theory, and Methods. Studies in Computational Intelligence, 2014, , 181-226.	0.7	51
135	Packetized MPC with dynamic scheduling constraints and bounded packet dropouts. Automatica, 2014, 50, 784-797.	3.0	46
136	Stability of Sequence-Based Control With Random Delays and Dropouts. IEEE Transactions on Automatic Control, 2014, 59, 1296-1302.	3.6	38
137	Multistep Finite Control Set Model Predictive Control for Power Electronics. IEEE Transactions on Power Electronics, 2014, 29, 6836-6846.	5.4	350
138	Power Control and Coding Formulation for State Estimation With Wireless Sensors. IEEE Transactions on Control Systems Technology, 2014, 22, 413-427.	3.2	40
139	An Optimal Transmission Strategy for Kalman Filtering Over Packet Dropping Links With Imperfect Acknowledgements. IEEE Transactions on Control of Network Systems, 2014, 1, 259-271.	2.4	29
140	Transmission Power Scheduling for Energy Harvesting Sensor in Remote State Estimation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 122-127.	0.4	7
141	Network Topology Reconfiguration for State Estimation Over Sensor Networks With Correlated Packet Drops. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 5532-5537.	0.4	2
142	Performance vs complexity trade-offs for Markovian networked jump estimators. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 7412-7417.	0.4	3
143	Controllability of Discrete-time Networked Control Systems with Try Once Discard Protocol. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3758-3763.	0.4	1
144	Multi-sensor transmission power scheduling for remote state estimation under SINR model. , 2014, , .		14

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145	Control over erasure channels: stochastic stability and performance of packetized unconstrained model predictive control. <i>International Journal of Robust and Nonlinear Control</i> , 2013, 23, 1151-1167.	2.1	10
146	Stability Analysis of Quadratic MPC With a Discrete Input Alphabet. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 3190-3196.	3.6	44
147	Jamming attack on Cyber-Physical Systems: A game-theoretic approach. , 2013, , .		28
148	Adaptive controller placement for wireless sensor-actuator networks with erasure channels. <i>Automatica</i> , 2013, 49, 3458-3466.	3.0	18
149	Dual-stage model predictive control for Flying Capacitor Converters. , 2013, , .		14
150	Generalized Predictive Direct Power Control for AC/DC converters. , 2013, , .		15
151	Sequence-Based Anytime Control. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 377-390.	3.6	26
152	On the stability and robustness of model predictive direct current control. , 2013, , .		25
153	Optimal Periodic Transmission Power Schedules for Remote Estimation of ARMA Processes. <i>IEEE Transactions on Signal Processing</i> , 2013, 61, 6164-6174.	3.2	54
154	Multiple Description Coding for Closed Loop Systems over Erasure Channels. , 2013, , .		3
155	State Estimation Over Sensor Networks With Correlated Wireless Fading Channels. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 581-593.	3.6	125
156	Finite-Control-Set Model Predictive Control With Improved Steady-State Performance. <i>IEEE Transactions on Industrial Informatics</i> , 2013, 9, 658-667.	7.2	176
157	Multistep direct model predictive control for power electronics — Part 1: Algorithm. , 2013, , .		32
158	On the use of a relay for Kalman filtering over packet dropping links. , 2013, , .		8
159	Maximum hands-off control and L^1 optimality. , 2013, , .		19
160	Robustness of networked control systems with multiple actuator-links and bounded packet dropouts. , 2013, , .		1
161	Online sensor transmission power schedule for remote state estimation. , 2013, , .		18
162	Correction to "Packetized Predictive Control of Stochastic Systems Over Bit-Rate Limited Channels With Packet Loss". <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 1869-1872.	3.6	4

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163	Multistep direct model predictive control for power electronics — Part 2: Analysis. , 2013, , .		32
164	Packetized predictive control for rate-limited networks via sparse representation. , 2012, , .		16
165	Smart energy-aware sensors for event-based control. , 2012, , .		3
166	A unifying framework for stability in MPC using a generalized integral terminal cost. , 2012, , .		3
167	Dynamic Controller Allocation for Control over Erasure Channels. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 61-66.	0.4	4
168	Self-Triggered Model Predictive Control for Network Scheduling and Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 432-438.	0.4	28
169	Compressive sampling for networked feedback control. , 2012, , .		11
170	Model Predictive Control of an AFE Rectifier With Dynamic References. IEEE Transactions on Power Electronics, 2012, 27, 3128-3136.	5.4	221
171	A switched Model Predictive Control formulation for Flying Capacitor Converters. , 2012, , .		6
172	On Kalman filtering over fading wireless channels with controlled transmission powers. Automatica, 2012, 48, 1306-1316.	3.0	134
173	Robust stability of packetized predictive control of nonlinear systems with disturbances and Markovian packet losses. Automatica, 2012, 48, 1803-1811.	3.0	105
174	Improved stability conditions for unconstrained nonlinear model predictive control by using additional weighting terms. , 2012, , .		4
175	Design of Embedded Filters for Inner-Loop Power Control in Wireless CDMA Communication Systems. Asian Journal of Control, 2012, 14, 891-900.	1.9	8
176	Stochastic stability and performance estimates of packetized unconstrained model predictive control for networked control systems. , 2011, , .		3
177	How Good is Quantized Model Predictive Control With Horizon One?. IEEE Transactions on Automatic Control, 2011, 56, 2623-2638.	3.6	22
178	Sparse command generator for remote control. , 2011, , .		2
179	Multiple descriptions for packetized predictive control over erasure channels. , 2011, , .		3
180	Input-to-State Stability of Packetized Predictive Control Over Unreliable Networks Affected by Packet-Dropouts. IEEE Transactions on Automatic Control, 2011, 56, 370-375.	3.6	178

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181	On stability and performance of finite control set MPC for power converters. , 2011, , .		58
182	On Kalman Filtering with Fading Wireless Channels Governed by Power Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6586-6591.	0.4	1
183	Sparse Representations for Packetized Predictive Networked Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 84-89.	0.4	34
184	On the stability of MPC with a Finite Input Alphabet. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 7975-7980.	0.4	6
185	Stability of State Estimation over Sensor Networks with Markovian Fading Channels*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 12451-12456.	0.4	3
186	Stability analysis of networked control systems subject to packet-dropouts and finite-level quantization. Systems and Control Letters, 2011, 60, 325-332.	1.3	91
187	Real-Time Perceptual Moving-Horizon Multiple-Description Audio Coding. IEEE Transactions on Signal Processing, 2011, 59, 4286-4299.	3.2	12
188	Packetized Predictive Control of Stochastic Systems Over Bit-Rate Limited Channels With Packet Loss. IEEE Transactions on Automatic Control, 2011, 56, 2854-2868.	3.6	92
189	On Stochastic Stability of Packetized Predictive Control of Non-linear Systems over Erasure Channels*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 557-562.	0.4	9
190	On a Control Lyapunov Function based Anytime Algorithm for Control of Nonlinear Processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 85-90.	0.4	3
191	Stability Analysis of Networked Control Systems Subjected to Packet-dropouts and Finite Level Quantization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 43-48.	0.4	11
192	Analysis and design of networked control systems using the additive noise model methodology. Asian Journal of Control, 2010, 12, 443-459.	1.9	30
193	An introduction to the control of switching electronic systems. Annual Reviews in Control, 2010, 34, 209-220.	4.4	12
194	Control system design subject to SNR constraints. Automatica, 2010, 46, 428-436.	3.0	94
195	Predictive control of an Asymmetric Multicell Converter with floating cells. , 2010, , .		6
196	Energy Efficient State Estimation With Wireless Sensors Through the Use of Predictive Power Control and Coding. IEEE Transactions on Signal Processing, 2010, 58, 4811-4823.	3.2	86
197	Opportunities and challenges in the application of advanced control to power electronics and drives. , 2010, , .		10
198	Finite control set MPC of an AFE rectifier with dynamic references. , 2010, , .		26

#	ARTICLE	IF	CITATIONS
199	On stability of Finite Control Set MPC strategy for Multicell Converters. , 2010, , .		9
200	On anytime control of nonlinear processes through calculation of control sequences. , 2010, , .		6
201	Innovations-based state estimation with wireless sensor networks. , 2009, , .		1
202	Low delay moving-horizon multiple-description audio coding for wireless hearing aids. , 2009, , .		3
203	Quantized predictive control over erasure channels. , 2009, , .		2
204	Predictive power control and multiple-description coding for wireless sensor networks. , 2009, , .		2
205	Subband coding for networked control systems. International Journal of Robust and Nonlinear Control, 2009, 19, 1817-1836.	2.1	14
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