

# Daniel E Quevedo

## List of Publications by Year in Descending Order

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

236  
papers

6,589  
citations

37  
h-index

76  
g-index

261  
ext. papers

8,212  
ext. citations

4  
avg, IF

6.47  
L-index

#	Paper	IF	Citations
236	On extended state estimation for nonlinear uncertain systems with round-robin protocol. <i>Automatica</i> , <b>2022</b> , 138, 110154	5.7	1
235	Coding for secrecy in remote state estimation with an adversary. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	0
234	Stealthy hacking and secrecy of controlled state estimation systems with random dropouts. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	0
233	Fast hands-off control using ADMM real-time iterations. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	
232	Encrypted Control for Networked Systems: An Illustrative Introduction and Current Challenges. <i>IEEE Control Systems</i> , <b>2021</b> , 41, 58-78	2.9	7
231	Encryption scheduling for remote state estimation under an operation constraint. <i>Automatica</i> , <b>2021</b> , 127, 109537	5.7	6
230	Guest Editorial Model Predictive Control in Energy Conversion Systems. <i>IEEE Transactions on Energy Conversion</i> , <b>2021</b> , 36, 1311-1312	5.4	
229	Remote State Estimation in the Presence of an Active Eavesdropper. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 229-244	5.9	11
228	Asynchronous Stochastic Approximations With Asymptotically Biased Errors and Deep Multiagent Learning. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 3969-3983	5.9	3
227	Adaptive Resilient Control of Cyber-Physical Systems under Actuator and Sensor Attacks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	1
226	On periodic scheduling and control for networked systems under random data loss. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 1-1	4	0
225	Robust MPC for networks with varying communication capabilities. <i>IFAC-PapersOnLine</i> , <b>2021</b> , 54, 20-27	0.7	
224	Distributed optimization over time-varying networks with stochastic information delays. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	1
223	Anytime Control under Practical Communication Models. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	1
222	Remote State Estimation in the Presence of an Eavesdropper. <i>Lecture Notes in Control and Information Sciences</i> , <b>2021</b> , 231-256	0.5	
221	Remote State Estimation with Smart Sensors over Markov Fading Channels. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	2
220	Privacy-Preserving Correlated Data Publication: Privacy Analysis and Optimal Noise Design. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 2014-2024	4.9	0

219	Optimal event-triggered transmission scheduling for privacy-preserving wireless state estimation. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 4205-4224	3.6	5
218	Stochastic predictive control under intermittent observations and unreliable actions. <i>Automatica</i> , <b>2020</b> , 118, 109012	5.7	6
217	Stabilizing Scheduling Policies for Networked Control Systems. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 163-175	4	10
216	Defensive deception against reactive jamming attacks in remote state estimation. <i>Automatica</i> , <b>2020</b> , 113, 108680	5.7	11
215	Deep reinforcement learning for wireless sensor scheduling in cyberphysical systems. <i>Automatica</i> , <b>2020</b> , 113, 108759	5.7	34
214	Enabling Multistep Model Predictive Control for Transient Operation of Power Converters. <i>IEEE Open Journal of the Industrial Electronics Society</i> , <b>2020</b> , 1, 284-297	3.6	8
213	Behavioral Economics for Human-in-the-Loop Control Systems Design: Overconfidence and the Hot Hand Fallacy. <i>IEEE Control Systems</i> , <b>2020</b> , 40, 57-76	2.9	1
212	Optimal Energy Allocation in Multisensor Estimation Over Wireless Channels Using Energy Harvesting and Sharing. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 4337-4344	5.9	10
211	Information Bounds for State Estimation in the Presence of an Eavesdropper <b>2019</b> , 3, 547-552		4
210	Encrypted Cooperative Control Based on Structured Feedback <b>2019</b> , 3, 37-42		29
209	Combined control and communication scheduling for constrained system using robust output feedback MPC <b>2019</b> ,		6
208	Pricing and Selection of Channels for Remote State Estimation Using a Stackelberg Game Framework. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2019</b> , 5, 657-668	2.8	4
207	Ausgewählte Beiträge des GMA-Fachausschusses 1.50. <i>Automatisierungstechnik</i> , <b>2019</b> , 67, 988-989	0.8	
206	Finite Time Encryption Schedule in the Presence of an Eavesdropper with Operation Cost <b>2019</b> ,		4
205	On noise-to-state stability of stochastic discrete-time systems via finite-step Lyapunov functions <b>2019</b> ,		1
204	Deep reinforcement learning for scheduling in large-scale networked control systems. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 333-338	0.7	4
203	DoS Attacks on Remote State Estimation With Asymmetric Information. <i>IEEE Transactions on Control of Network Systems</i> , <b>2019</b> , 6, 653-666	4	20
202	Model Predictive Control for Power Electronics Applications. <i>Control Engineering</i> , <b>2019</b> , 551-580	1	5

201	Tradeoffs in Stochastic Event-Triggered Control. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 2567-2574	3.5	19
200	Secure State Estimation Against Integrity Attacks: A Gaussian Mixture Model Approach. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 194-207	4.8	29
199	Transmission Scheduling for Remote State Estimation Over Packet Dropping Links in the Presence of an Eavesdropper. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 3732-3739	5.9	31
198	Predictive control for networked systems affected by correlated packet loss. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 5078-5094	3.6	4
197	Stability Analysis of Event-Triggered Anytime Control With Multiple Control Laws. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 420-426	5.9	6
196	Towards Encrypted MPC for Linear Constrained Systems <b>2018</b> , 2, 195-200		42
195	Transmission scheduling for remote state estimation and control with an energy harvesting sensor. <i>Automatica</i> , <b>2018</b> , 91, 54-60	5.7	24
194	Event-Triggered Quantized Communication-Based Distributed Convex Optimization. <i>IEEE Transactions on Control of Network Systems</i> , <b>2018</b> , 5, 167-178	4	46
193	Optimal Control of Linear Systems With Limited Control Actions: Threshold-Based Event-Triggered Control. <i>IEEE Transactions on Control of Network Systems</i> , <b>2018</b> , 5, 1275-1286	4	22
192	Stabilizing Stochastic Predictive Control Under Bernoulli Dropouts. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 1579-1590	5.9	11
191	Sparse and constrained stochastic predictive control for networked systems. <i>Automatica</i> , <b>2018</b> , 87, 40-51	5.7	10
190	Limitations and Accuracy of a Continuous Reduced-Order Model for Modular Multilevel Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2018</b> , 33, 6292-6303	7.2	10
189	Optimal Power Allocation for Kalman Filtering over Fading Channels. <i>Springer Briefs in Electrical and Computer Engineering</i> , <b>2018</b> , 9-34	0.4	
188	Optimal Transmission Scheduling for Event-Triggered Estimation with Packet Drops. <i>Springer Briefs in Electrical and Computer Engineering</i> , <b>2018</b> , 35-64	0.4	
187	Optimal Transmission Strategies for Remote State Estimation. <i>Springer Briefs in Electrical and Computer Engineering</i> , <b>2018</b> , 65-83	0.4	
186	Remote State Estimation in Multi-hop Networks. <i>Springer Briefs in Electrical and Computer Engineering</i> , <b>2018</b> , 85-123	0.4	
185	DeepCAS: A Deep Reinforcement Learning Algorithm for Control-Aware Scheduling <b>2018</b> , 2, 737-742		30
184	Optimal Control of Energy Resources for State Estimation Over Wireless Channels. <i>Springer Briefs in Electrical and Computer Engineering</i> , <b>2018</b> ,	0.4	2

183	Encrypted cloud-based MPC for linear systems with input constraints. <i>IFAC-PapersOnLine</i> , <b>2018</b> , 51, 535-542	9
182	Technical Committee on Networks and Communication Systems [Technical Activities]. <i>IEEE Control Systems</i> , <b>2018</b> , 38, 18-19	2.9
181	Q-Adaptive Control of the Nonlinear Dynamics of the Cantilever-Sample System of an Atomic Force Microscope. <i>IEEE Latin America Transactions</i> , <b>2018</b> , 16, 2400-2408	0.7
180	On the Use of Artificial Noise for Secure State Estimation in the Presence of Eavesdroppers <b>2018</b> ,	9
179	Power Control of an Energy Harvesting Sensor for Remote State Estimation. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 277-290	5.9 38
178	SINR-Based DoS Attack on Remote State Estimation: A Game-Theoretic Approach. <i>IEEE Transactions on Control of Network Systems</i> , <b>2017</b> , 4, 632-642	4 148
177	A multi-channel transmission schedule for remote state estimation under DoS attacks. <i>Automatica</i> , <b>2017</b> , 78, 194-201	5.7 111
176	Energy-Aware Radio Chip Management for Wireless Control. <i>IEEE Transactions on Control Systems Technology</i> , <b>2017</b> , 25, 2121-2134	4.8 1
175	Co-design of jump estimators and transmission policies for wireless multi-hop networks with fading channels. <i>Automatica</i> , <b>2017</b> , 81, 68-74	5.7 8
174	Stochastic Game in Remote Estimation Under DoS Attacks <b>2017</b> , 1, 146-151	22
173	Event-triggered distributed constrained consensus. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 3043-3060	3.6 11
172	Game-theoretic pricing and selection with fading channels <b>2017</b> ,	1
171	Improved results on transmission power control for remote state estimation. <i>Systems and Control Letters</i> , <b>2017</b> , 107, 44-48	2.4 3
170	Resource efficient stochastic predictive control under packet dropouts. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 1666-1673	2.5 3
169	Collaborative processing in distributed control for resource constrained systems. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 1796-1806	2.5 1
168	Output Feedback Stable Stochastic Predictive Control With Hard Control Constraints <b>2017</b> , 1, 382-387	4
167	Sensor Scheduling in Variance Based Event Triggered Estimation With Packet Drops. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 1880-1895	5.9 61
166	On the Trade-Off Between Communication and Control Cost in Event-Triggered Dead-Beat Control. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 2973-2980	5.9 35

165	A Game-Theoretic Approach to Fake-Acknowledgment Attack on Cyber-Physical Systems. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2017</b> , 3, 1-11	2.8	30
164	Controller Design for Networked Control Systems Affected by Correlated Packet Losses. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 2555-2560	0.7	
163	Event-Based Transmission Scheduling and LQG Control Over a Packet Dropping Link. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 8945-8950	0.7	7
162	On Remote State Estimation in the Presence of an Eavesdropper. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 7339-7344	0.7	10
161	Performance Analysis of Event-Triggered Control Systems with A Probabilistic Triggering Mechanism: The Scalar Case. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 10084-10089	0.7	4
160	Sparsity-promoting iterative learning control for resource-constrained control systems <b>2017</b> ,		1
159	State estimation over Markovian packet dropping links in the presence of an eavesdropper <b>2017</b> ,		11
158	Technical Committee on Networks and Communication Systems [Technical Activities]. <i>IEEE Control Systems</i> , <b>2016</b> , 36, 13-15	2.9	
157	Robust stability of a class of Networked Control Systems. <i>Automatica</i> , <b>2016</b> , 73, 117-124	5.7	7
156	Call for Papers: Special issue of international journal of robust and nonlinear control: Stochastic predictive control <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 3670-3670	3.6	
155	Stable stochastic predictive controller under unreliable up-link <b>2016</b> ,		2
154	Optimal transmission policies for variance based event triggered estimation with an energy harvesting sensor <b>2016</b> ,		4
153	Characterization of maximum hands-off control. <i>Systems and Control Letters</i> , <b>2016</b> , 94, 31-36	2.4	20
152	Controller and Scheduler Codesign for Feedback Control Over IEEE 802.15.4 Networks. <i>IEEE Transactions on Control Systems Technology</i> , <b>2016</b> , 24, 2016-2030	4.8	22
151	Kalman Filtering With Relays Over Wireless Fading Channels. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 1643-1648	5.9	23
150	Maximum Hands-Off Control: A Paradigm of Control Effort Minimization. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 735-747	5.9	84
149	On Network Topology Reconfiguration for Remote State Estimation. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 3842-3856	5.9	7
148	Shaped Gaussian Dictionaries for Quantized Networked Control Systems With Correlated Dropouts. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 203-213	4.8	11

147	Discrete-time hands-off control by sparse optimization. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2016</b> , 2016,	1.9	12
146	Threshold optimization of event-triggered multi-loop control systems <b>2016</b> ,		2
145	Fast multistep finite control set model predictive control for transient operation of power converters <b>2016</b> ,		13
144	Dropout feedback parametrized policies for stochastic predictive controller. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 59-64	0.7	3
143	A secure cross-layer design for remote estimation under DoS attack: When multi-sensor meets multi-channel <b>2016</b> ,		2
142	Unified approach to controller and MMSE estimator design with intermittent communications <b>2016</b> ,		1
141	Predictive control, embedded cyberphysical systems and systems of systems [A perspective. <i>Annual Reviews in Control</i> , <b>2016</b> , 41, 193-207	10.3	46
140	Multiple descriptions for packetized predictive control. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2016</b> , 2016,	1.9	4
139	A Game-Theoretic Approach to Jamming Attacks on Remote State Estimation in Cyber-Physical Systems <b>2016</b> , 3-30		1
138	Switched Model Predictive Control for Improved Transient and Steady-State Performance. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 968-977	11.9	47
137	Multiple-Loop Self-Triggered Model Predictive Control for Network Scheduling and Control. <i>IEEE Transactions on Control Systems Technology</i> , <b>2015</b> , 23, 2167-2181	4.8	63
136	Data-driven power control for state estimation: A Bayesian inference approach. <i>Automatica</i> , <b>2015</b> , 54, 332-339	5.7	25
135	Jamming Attacks on Remote State Estimation in Cyber-Physical Systems: A Game-Theoretic Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 2831-2836	5.9	256
134	Validation of a reduced order model for modular multilevel converters and analysis of circulating current <b>2015</b> ,		5
133	An H <sub>∞</sub> suboptimal robust control approach for systems with uncertainties and data dropouts. <i>International Journal of Systems Science</i> , <b>2015</b> , 46, 1971-1981	2.3	3
132	Predictive Control of Power Converters: Designs With Guaranteed Performance. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 53-63	11.9	125
131	Stochastic MPC with applications to process control. <i>International Journal of Control</i> , <b>2015</b> , 88, 792-800	1.5	7
130	Performance of Multistep Finite Control Set Model Predictive Control for Power Electronics. <i>IEEE Transactions on Power Electronics</i> , <b>2015</b> , 30, 1633-1644	7.2	201

129	Anytime Control Using Input Sequences With Markovian Processor Availability. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 515-521	5.9	6
128	Predictive Optimal Switching Sequence Direct Power Control for Grid-Connected Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , <b>2015</b> , 62, 2010-2020	8.9	229
127	A Stochastic Model Predictive Controller for Systems with Unreliable Communications. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 57-64	0.7	7
126	Predictive Control in the Era of Networked Control and Communication - a Perspective. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 322-331	0.7	1
125	Distortion Minimization in Multi-Sensor Estimation Using Energy Harvesting and Energy Sharing. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 2848-2863	4.8	26
124	Fake-acknowledgment attack on ACK-based sensor power schedule for remote state estimation <b>2015</b> ,		8
123	Co-design for control and scheduling over wireless industrial control networks <b>2015</b> ,		6
122	To wait or to drop: On the optimal number of retransmissions in wireless control <b>2015</b> ,		8
121	On the optimality of threshold policies in event triggered estimation with packet drops <b>2015</b> ,		14
120	Predictive direct power control for grid connected power converters with dc-link voltage dynamic reference design <b>2015</b> ,		5
119	Stability of Sequence-Based Control With Random Delays and Dropouts. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 1296-1302	5.9	25
118	Multistep Finite Control Set Model Predictive Control for Power Electronics. <i>IEEE Transactions on Power Electronics</i> , <b>2014</b> , 29, 6836-6846	7.2	236
117	Power Control and Coding Formulation for State Estimation With Wireless Sensors. <i>IEEE Transactions on Control Systems Technology</i> , <b>2014</b> , 22, 413-427	4.8	25
116	An Optimal Transmission Strategy for Kalman Filtering Over Packet Dropping Links With Imperfect Acknowledgements. <i>IEEE Transactions on Control of Network Systems</i> , <b>2014</b> , 1, 259-271	4	23
115	Transmission Power Scheduling for Energy Harvesting Sensor in Remote State Estimation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 122-127		3
114	Network Topology Reconfiguration for State Estimation Over Sensor Networks With Correlated Packet Drops. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 5532-5537 <sup>1</sup>		
113	Performance vs complexity trade-offs for Markovian networked jump estimators. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 7412-7417		2
112	Controllability of Discrete-time Networked Control Systems with Try Once Discard Protocol. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 3758-3763		0



111	Multi-sensor transmission power scheduling for remote state estimation under SINR model <b>2014</b> ,		7
110	Stochastic Stability of Event-Triggered Anytime Control. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 3373-3379	5.9	50
109	Recent Developments in Networked Control and Estimation. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 2123-2125	2.5	5
108	Reference design for predictive control of modular multilevel converters <b>2014</b> ,		7
107	Sparse Packetized Predictive Control for Networked Control Over Erasure Channels. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 1899-1905	5.9	63
106	Predictive Control in Power Electronics and Drives: Basic Concepts, Theory, and Methods. <i>Studies in Computational Intelligence</i> , <b>2014</b> , 181-226	0.8	39
105	Packetized MPC with dynamic scheduling constraints and bounded packet dropouts. <i>Automatica</i> , <b>2014</b> , 50, 784-797	5.7	35
104	Control over erasure channels: stochastic stability and performance of packetized unconstrained model predictive control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 1151-1167	3.6	7
103	Stability Analysis of Quadratic MPC With a Discrete Input Alphabet. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 3190-3196	5.9	41
102	Jamming attack on Cyber-Physical Systems: A game-theoretic approach <b>2013</b> ,		19
101	Adaptive controller placement for wireless sensor-actuator networks with erasure channels. <i>Automatica</i> , <b>2013</b> , 49, 3458-3466	5.7	13
100	Dual-stage model predictive control for Flying Capacitor Converters <b>2013</b> ,		8
99	Generalized Predictive Direct Power Control for AC/DC converters <b>2013</b> ,		11
98	Sequence-Based Anytime Control. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 377-390	5.9	25
97	On the stability and robustness of model predictive direct current control <b>2013</b> ,		20
96	Optimal Periodic Transmission Power Schedules for Remote Estimation of ARMA Processes. <i>IEEE Transactions on Signal Processing</i> , <b>2013</b> , 61, 6164-6174	4.8	37
95	Multiple Description Coding for Closed Loop Systems over Erasure Channels <b>2013</b> ,		3
94	State Estimation Over Sensor Networks With Correlated Wireless Fading Channels. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 581-593	5.9	93

93	Finite-Control-Set Model Predictive Control With Improved Steady-State Performance. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 658-667	11.9	119
92	Multistep direct model predictive control for power electronics [Part 1: Algorithm <b>2013</b> ,		19
91	On the use of a relay for Kalman filtering over packet dropping links <b>2013</b> ,		6
90	Maximum hands-off control and L1 optimality <b>2013</b> ,		11
89	Robustness of networked control systems with multiple actuator-links and bounded packet dropouts <b>2013</b> ,		1
88	Online sensor transmission power schedule for remote state estimation <b>2013</b> ,		13
87	Correction to Packetized Predictive Control of Stochastic Systems Over Bit-Rate Limited Channels With Packet Loss [IEEE Transactions on Automatic Control, <b>2013</b> , 58, 1869-1872	5.9	3
86	Multistep direct model predictive control for power electronics [Part 2: Analysis <b>2013</b> ,		23
85	Compressive sampling for networked feedback control <b>2012</b> ,		10
84	Model Predictive Control of an AFE Rectifier With Dynamic References. <i>IEEE Transactions on Power Electronics</i> , <b>2012</b> , 27, 3128-3136	7.2	171
83	A switched Model Predictive Control formulation for Flying Capacitor Converters <b>2012</b> ,		6
82	On Kalman filtering over fading wireless channels with controlled transmission powers. <i>Automatica</i> , <b>2012</b> , 48, 1306-1316	5.7	111
81	Robust stability of packetized predictive control of nonlinear systems with disturbances and Markovian packet losses. <i>Automatica</i> , <b>2012</b> , 48, 1803-1811	5.7	89
80	Improved stability conditions for unconstrained nonlinear model predictive control by using additional weighting terms <b>2012</b> ,		2
79	Design of Embedded Filters for Inner-Loop Power Control in Wireless CDMA Communication Systems. <i>Asian Journal of Control</i> , <b>2012</b> , 14, 891-900	1.7	7
78	Packetized predictive control for rate-limited networks via sparse representation <b>2012</b> ,		11
77	A unifying framework for stability in MPC using a generalized integral terminal cost <b>2012</b> ,		2
76	Dynamic Controller Allocation for Control over Erasure Channels*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2012</b> , 45, 61-66		4

75	Self-Triggered Model Predictive Control for Network Scheduling and Control1. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2012</b> , 45, 432-438		18
74	On stability and performance of finite control set MPC for power converters <b>2011</b> ,		44
73	On Kalman Filtering with Fading Wireless Channels Governed by Power Control. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 6586-6591		1
72	Sparse Representations for Packetized Predictive Networked Control. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 84-89		17
71	On the stability of MPC with a Finite Input Alphabet. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 7975-7980		6
70	Stability of State Estimation over Sensor Networks with Markovian Fading Channels*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 12451-12456		3
69	Stochastic stability and performance estimates of packetized unconstrained model predictive control for networked control systems <b>2011</b> ,		2
68	How Good is Quantized Model Predictive Control With Horizon One?. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 2623-2638	5.9	21
67	Sparse command generator for remote control <b>2011</b> ,		2
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28	Simple coding for achieving mean square stability over bit-rate limited channels <b>2008</b> ,		11
27	A predictive power control scheme for energy efficient state estimation via wireless sensor networks <b>2008</b> ,		17
26	Optimal Controller Design for Networked Control Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 5167-5172		8
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