Tongwen Chen

List of Publications by Year in Descending Order

378 papers	17,940 citations	70 h-index	125 g-index
447 ext. papers	22,404 ext. citations	3.9 avg, IF	7.34 L-index

#	Paper	IF	Citations
378	Stochastic event-based LQG control: An analysis on strict consistency. *Automatica*, **2022**, 138, 110157	5.7	0
377	Finite-Horizon Strictly Stealthy Deterministic Attacks on Cyber-Physical Systems **2022**, 6, 1640-1645		
376	Real-time pattern matching and ranking for early prediction of industrial alarm floods. *Control Engineering Practice*, **2022**, 120, 105004	3.9	2
375	A New Event-Triggered Control Scheme for Stochastic Systems. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9	1
374	Asymmetric Vulnerability of Measurement and Control Channels in Closed-Loop Systems. *IEEE Transactions on Control of Network Systems*, **2022**, 1-1	4	
373	Robust Model Predictive Control Using A Two-Step Triggering Scheme. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9	0
372	Event-Triggered Model Reference Adaptive Control for Linear Partially Time-Variant Continuous-Time Systems with Nonlinear Parametric Uncertainty. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9	
371	Adaptive Naive Bayes Classifier Based Filter Using Kernel Density Estimation for Pipeline Leakage Detection. *IEEE Transactions on Control Systems Technology*, **2022**, 1-8	4.8	
370	Single-dimensional encryption against innovation-based stealthy attacks on remote state estimation. *Automatica*, **2021**, 136, 110015	5.7	1
369	Worst-Case Stealthy Innovation-based Linear Attacks on Remote State Estimation Under Kullback--Leibler Divergence. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	3
368	Periodic event-triggered networked control systems subject to large transmission delays. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	0
367	Event-triggered smoothing for hidden Markov models: Risk-sensitive and MMSE results. *Automatica*, **2021**, 134, 109933	5.7	
366	A New Approach to Design Alarm Filters Using the Plant and Controller Knowledge. *Industrial & Engineering Chemistry Research*, **2021**, 60, 3648-3657	3.9	0
365	Network Parameter Coordinated False Data Injection Attacks Against Power System AC State Estimation. *IEEE Transactions on Smart Grid*, **2021**, 12, 1626-1639	10.7	14
364	Event-triggered attitude synchronization of multiple rigid-body systems. *Systems and Control Letters*, **2021**, 149, 104879	2.4	1
363	Optimal stealthy integrity attacks on remote state estimation: The maximum utilization of historical data. *Automatica*, **2021**, 128, 109555	5.7	5
362	A new Zeno-free event-triggered scheme for robust distributed optimal coordination. *Automatica*, **2021**, 129, 109639	5.7	5

361	Event-Triggered Optimal Dynamic Formation of Heterogeneous Affine Nonlinear Multiagent Systems. *IEEE Transactions on Automatic Control*, **2021**, 66, 497-512	5.9	36
360	Robust Stability of Networked Linear Control Systems With Asynchronous Continuous- and Discrete-Time Event-Triggering Schemes. *IEEE Transactions on Automatic Control*, **2021**, 66, 932-939	5.9	11
359	On stochastic and deterministic event-based state estimation. *Automatica*, **2021**, 123, 109314	5.7	10
358	. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 10171-10179	8.9	2
357	Optimal DoS Attack Against LQR Control Channels. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 1348-1352	3.5	8
356	Optimal Linear Encryption Against Stealthy Attacks on Remote State Estimation. *IEEE Transactions on Automatic Control*, **2021**, 66, 3592-3607	5.9	9
355	Cooperative Output Regulation with Asynchronous Transmissions and Time-Varying Delays. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	0
354	Worst-Case Stealthy Attacks on Stochastic Event-based State Estimation. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	1
353	Early classification of industrial alarm floods based on semi-supervised learning. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	2
352	. *IEEE Transactions on Automatic Control*, **2020**, 1-1	5.9	7
351	Set-Valued Feedback Control and Its Application to Event-Triggered Sampled-Data Systems. *IEEE Transactions on Automatic Control*, **2020**, 65, 4965-4972	5.9	1
350	Output-Based Periodic Event-Triggered Control for Nonlinear Plants: An Approximate-Model Method. *IEEE Transactions on Control of Network Systems*, **2020**, 7, 1342-1354	4	6
349	A design framework for event-triggered active fault-tolerant control systems. *International Journal of Control*, **2020**, 1-12	1.5	4
348	Event-Triggered Tracking Control With Filtered Outputs and Impulsive Observers. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
347	Dynamic periodic event-triggered control for nonlinear plants with state feedback. *IFAC-PapersOnLine*, **2020**, 53, 2814-2819	0.7	0
346	Performance Assessment and Design of Quadratic Alarm Filters. *IFAC-PapersOnLine*, **2020**, 53, 494-499	0.7	3
345	Event-triggered formation tracking control of nonholonomic mobile robots without velocity measurements. *Automatica*, **2020**, 112, 108671	5.7	25
344	Input-to-state practical stabilisation via periodic event-triggered control without Zeno-like behaviour. *International Journal of Control*, **2020**, 1-13	1.5	1

343	Early Classification of Alarm Floods via Exponentially Attenuated Component Analysis. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 8702-8712	8.9	9
342	Event-Triggered Bipartite Consensus for Multiagent Systems: A Zeno-Free Analysis. *IEEE Transactions on Automatic Control*, **2020**, 65, 4866-4873	5.9	15
341	Event-triggered robust state estimation for systems with unknown exogenous inputs. *Automatica*, **2020**, 122, 109248	5.7	7
340	Generalized moving variance filters for industrial alarm systems. *Journal of Process Control*, **2020**, 95, 75-85	3.9	5
339	Control and Alarm Interplay and Robust State-Feedback Synthesis with an Alarm Performance Constraint. *Industrial & Engineering Chemistry Research*, **2020**, 59, 16708-16719	3.9	1
338	Secure analysis of dynamic networks under pinning attacks against synchronization. *Automatica*, **2020**, 111, 108576	5.7	7
337	Joint Admittance Perturbation and Meter Protection for Mitigating Stealthy FDI Attacks Against Power System State Estimation. *IEEE Transactions on Power Systems*, **2020**, 35, 1468-1478	7	18
336	Accelerated multiple alarm flood sequence alignment for abnormality pattern mining. *Journal of Process Control*, **2019**, 82, 44-57	3.9	7
335	User-friendly cross-directional MPC tuning for uncertain multiple-array paper-making processes. *Control Engineering Practice*, **2019**, 88, 65-78	3.9	5
334	A New Method for Alarm Monitoring of Equipment Start-Up Operations with Applications to Pumps. *Industrial & Engineering Chemistry Research*, **2019**, 58, 11251-11260	3.9	3
333	Abnormality detection based on the Kullback‑eibler divergence for generalized Gaussian data. *Control Engineering Practice*, **2019**, 85, 257-270	3.9	10
332	H2 Controller Synthesis with an Alarm Performance Constraint* **2019**,		3
331	Constructing workflow models of alarm responses via trace labeling and dependency analysis **2019**,		1
330	A Uniform Analysis on Input-to-State Stability of Decentralized Event-Triggered Control Systems. *IEEE Transactions on Automatic Control*, **2019**, 64, 3423-3430	5.9	26
329	Robust event-triggered state estimation: A risk-sensitive approach. *Automatica*, **2019**, 99, 253-265	5.7	11
328	A Tradeoff Approach for Optimal Event-Triggered Fault Detection. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 2111-2121	8.9	25
327	. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 7290-7300	8.9	41
326	False Data Injection Attacks on Networked Control Systems: A Stackelberg Game Analysis. *IEEE Transactions on Automatic Control*, **2018**, 63, 3503-3509	5.9	62

325	A method to remove chattering alarms using median filters. *ISA Transactions*, **2018**, 73, 201-207	5.5	22
324	Sounding off on Industrial Alarm Systems. *IEEE Potentials*, **2018**, 37, 24-28	1	5
323	Discovering Association Rules of Mode-Dependent Alarms From Alarm and Event Logs. *IEEE Transactions on Control Systems Technology*, **2018**, 26, 971-983	4.8	19
322	Detection Against Linear Deception Attacks on Multi-Sensor Remote State Estimation. *IEEE Transactions on Control of Network Systems*, **2018**, 5, 846-856	4	88
321	An Intrusion Detection System for Cyber Attacks in Wireless Networked Control Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2018**, 65, 1049-1053	3.5	27
320	Adaptive Consensus in Leader-Following Networks of Heterogeneous Linear Systems. *IEEE Transactions on Control of Network Systems*, **2018**, 5, 1169-1176	4	41
319	Framework for a smart data analytics platform towards process monitoring and alarm management. *Computers and Chemical Engineering*, **2018**, 114, 225-244	4	18
318	Sensitivity analysis and sensitivity-based design for linear alarm filters. *Control Engineering Practice*, **2018**, 70, 29-39	3.9	1
317	Self-triggered model predictive control for networked control systems based on first-order hold. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 1303-1318	3.6	21
316	Design of visualization plots of industrial alarm and event data for enhanced alarm management. *Control Engineering Practice*, **2018**, 79, 50-64	3.9	8
315	Analysis and design of time-deadbands for univariate alarm systems. *Control Engineering Practice*, **2018**, 71, 96-107	3.9	21
314	Robust Tuning of Cross-Directional Model Predictive Controllers for Paper-Making Processes. *IEEE Transactions on Control Systems Technology*, **2018**, 26, 1619-1634	4.8	1
313	Distributed Robust State Estimation for Sensor Networks: A Risk-Sensitive Approach **2018**,		1
312	Extraction and Graphical Representation of Operator Responses to Multivariate Alarms in Industrial Facilities. *IFAC-PapersOnLine*, **2018**, 51, 25-30	0.7	2
311	Transmit power control and remote state estimation with sensor networks: A Bayesian inference approach. *Automatica*, **2018**, 97, 292-300	5.7	12
310	. *IEEE Transactions on Automation Science and Engineering*, **2018**, 15, 1883-1896	4.9	10
309	A method for pattern mining in multiple alarm flood sequences. *Chemical Engineering Research and Design*, **2017**, 117, 831-839	5.5	29
308	On Finite-State Stochastic Modeling and Secure Estimation of Cyber-Physical Systems. *IEEE Transactions on Automatic Control*, **2017**, 62, 65-80	5.9	57

307	Energy-based event-triggered state estimation for hidden Markov models. *Automatica*, **2017**, 79, 256-264	5.7	16
306	Analysis and design of multimode delay-timers. *Chemical Engineering Research and Design*, **2017**, 120, 179-193	5.5	11
305	Process Monitoring for Multimodal Processes With Mode-Reachability Constraints. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 4325-4335	8.9	23
304	Consensus in time-delayed multi-agent systems with quantized dwell times. *Systems and Control Letters*, **2017**, 104, 59-65	2.4	21
303	Design of univariate alarm systems via rank order filters. *Control Engineering Practice*, **2017**, 59, 55-63	3.9	15
302	Cause-effect analysis of industrial alarm variables using transfer entropies. *Control Engineering Practice*, **2017**, 64, 205-214	3.9	22
301	Online pattern matching and prediction of incoming alarm floods. *Journal of Process Control*, **2017**, 56, 69-78	3.9	22
300	Event-Triggered State Estimation With an Energy Harvesting Sensor. *IEEE Transactions on Automatic Control*, **2017**, 62, 4768-4775	5.9	23
299	An accelerated alignment method for analyzing time sequences of industrial alarm floods. *Journal of Process Control*, **2017**, 57, 102-115	3.9	17
298	Performance assessment of time-deadbands **2017**,		1
297	**2017**,		2
296	Cause and Effect Analysis for Decision Support in Alarm Floods * *This work was supported by the Natural Sciences and Engineering Research Council of Canada via the CRD program. *IFAC-PapersOnLine*, **2017**, 50, 13940-13945	0.7	5
295	Synchronous Hybrid Event- and Time-Driven Consensus in Multiagent Networks With Time Delays. *IEEE Transactions on Cybernetics*, **2016**, 46, 1165-74	10.2	63
294	A design method for controllable topologies of multi-agent networks **2016**,		3
293	Design Considerations for Wireless Networked Control Systems. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 5547-5557	8.9	26
292	Main causes of long-standing alarms and their removal by dynamic state-based alarm systems. *Journal of Loss Prevention in the Process Industries*, **2016**, 43, 106-119	3.5	7
291	Sampled-data consensus in multi-agent systems with asynchronous hybrid event-time driven interactions. *Systems and Control Letters*, **2016**, 89, 24-34	2.4	46
290	Event-based state estimation of discrete-state hidden Markov models. *Automatica*, **2016**, 65, 12-26	5.7	40

271	**2015**,		1
270	Optimal Data Scaling for Principal Component Pursuit: A Lyapunov Approach to Convergence. *IEEE Transactions on Automatic Control*, **2015**, 60, 2057-2071	5.9	3
269	Sampled-data consensus in switching networks of integrators based on edge events. *International Journal of Control*, **2015**, 88, 391-402	1.5	65
268	Fast Sequence Alignment for Comparing Industrial Alarm Floods. *IFAC-PapersOnLine*, **2015**, 48, 647-652	0.7	1
267	User Friendly Robust MPC Tuning of Uncertain Paper-Making Processes. *IFAC-PapersOnLine*, **2015**, 48, 1021-1026	0.7	4
266	Setpoint dynamic compensation via output feedback control with network induced time delays **2015**,		7
265	Modelling and control of wireless networked control systems: A fixed structure approach **2015**,		5
264	**2015**,		3
263	Automated Two-Degree-of-Freedom Model Predictive Control Tuning. *Industrial & Engineering Chemistry Research*, **2015**, 54, 10811-10824	3.9	5
262	Methodology and Application of Pattern Mining in Multiple Alarm Flood Sequences**This work was supported by an NSERC CRD project.. *IFAC-PapersOnLine*, **2015**, 48, 657-662	0.7	5
261	An Application of Advanced Alarm Management Tools to an Oil Sand Extraction Plant. *IFAC-PapersOnLine*, **2015**, 48, 641-646	0.7	4
260	. *IEEE Transactions on Control Systems Technology*, **2015**, 23, 855-867	4.8	40
259	. *IEEE Transactions on Automatic Control*, **2015**, 60, 1275-1290	5.9	70
258	. *IEEE Transactions on Automatic Control*, **2014**, 59, 756-762	5.9	45
257	Event-based state estimation of linear dynamical systems: Communication rate analysis **2014**,		9
256	An event-triggered approach to state estimation with multiple point- and set-valued measurements. *Automatica*, **2014**, 50, 1641-1648	5.7	105
255	An online method to remove chattering and repeating alarms based on alarm durations and intervals. *Computers and Chemical Engineering*, **2014**, 67, 43-52	4	39
254	Event-triggered maximum likelihood state estimation. *Automatica*, **2014**, 50, 247-254	5.7	124

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252	Edge-Event Based Consensus in Networks with Common Time-Varying Delays. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2014**, 47, 8299-8304		3
251	Asynchronous consensus-based time synchronisation in wireless sensor networks using unreliable communication links. *IET Control Theory and Applications*, **2014**, 8, 1083-1090	2.5	7
250	Event detection and control co-design of sampled-data systems. *International Journal of Control*, **2014**, 87, 777-786	1.5	46
249	Guest Editorial Integrated Optimization of Industrial Automation. *IEEE Transactions on Automation Science and Engineering*, **2014**, 11, 963-964	4.9	
248	Optimality and stability of event triggered consensus state estimation for wireless sensor networks **2014**,		17
247	Controllability of sampled-data multi-agent systems **2014**,		1
246	Methods for root cause diagnosis of plant-wide oscillations. *AICHE Journal*, **2014**, 60, 2019-2034	3.6	56
245	Event Based Pulse-Modulated Control of Linear Stochastic Systems. *IEEE Transactions on Automatic Control*, **2014**, 59, 2144-2150	5.9	29
244	Event triggered robust filter design for discrete-time systems. *IET Control Theory and Applications*, **2014**, 8, 104-113	2.5	85
243	Capturing Causality from Process Data. *SpringerBriefs in Applied Sciences and Technology*, **2014**, 41-65	0.4	1
242	Examples of Applications for Connectivity and Causality Analysis. *SpringerBriefs in Applied Sciences and Technology*, **2014**, 7-11	0.4	
241	Event based agreement protocols for multi-agent networks. *Automatica*, **2013**, 49, 2125-2132	5.7	379
240	On finite-horizon l_2-induced norms of discrete-time switched linear systems. *Automatica*, **2013**, 49, 2517-2524	5.7	7
239	Direct Causality Detection via the Transfer Entropy Approach. *IEEE Transactions on Control Systems Technology*, **2013**, 21, 2052-2066	4.8	95
238	Similarity Analysis of Industrial Alarm Flood Data. *IEEE Transactions on Automation Science and Engineering*, **2013**, 10, 452-457	4.9	70
237	Detection of Correlated Alarms Based on Similarity Coefficients of Binary Data. *IEEE Transactions on Automation Science and Engineering*, **2013**, 10, 1014-1025	4.9	34
236	Pattern matching of alarm flood sequences by a modified Smith–Waterman algorithm. *Chemical Engineering Research and Design*, **2013**, 91, 1085-1094	5.5	74

235	An online method for detection and reduction of chattering alarms due to oscillation. *Computers and Chemical Engineering*, **2013**, 54, 140-150	4	27
234	Achieving Relative Time Synchronization in Wireless Sensor Networks. *Journal of Control Science and Engineering*, **2013**, 2013, 1-7	1.2	1
233	Study of generalized delay-timers in alarm configuration. *Journal of Process Control*, **2013**, 23, 382-395	3.9	44
232	Quantification of alarm chatter based on run length distributions. *Chemical Engineering Research and Design*, **2013**, 91, 2550-2558	5.5	44
231	Optimal periodic scheduling of sensor networks: A branch and bound approach. *Systems and Control Letters*, **2013**, 62, 732-738	2.4	17
230	Approximate optimal periodic scheduling of multiple sensors with constraints. *Automatica*, **2013**, 49, 993-1000	5.7	14
229	Event-driven communication for sampled-data control systems **2013**,		4
228	. *IEEE Transactions on Automation Science and Engineering*, **2013**, 10, 446-451	4.9	36
227	Stabilisation of non-uniformly sampled systems via dynamic output-feedback control. *IET Control Theory and Applications*, **2013**, 7, 228-233	2.5	7
226	Sensing and actuation strategies for event triggered stochastic optimal control **2013**,		2
225	Application of principal component pursuit to process fault detection and diagnosis **2013**,		5
224	Improved correlation analysis and visualization of industrial alarm data. *ISA Transactions*, **2012**, 51, 499-506	5.5	85
223	Connectivity preservation for multi-agent rendezvous with link failure. *Automatica*, **2012**, 48, 25-35	5.7	41
222	Sampled-Data Consensus for Multiple Double Integrators With Arbitrary Sampling. *IEEE Transactions on Automatic Control*, **2012**, 57, 3230-3235	5.9	56
221	Optimal Sampling and Performance Comparison of Periodic and Event Based Impulse Control. *IEEE Transactions on Automatic Control*, **2012**, 57, 3252-3259	5.9	107
220	Performance Assessment and Design for Univariate Alarm Systems Based on FAR, MAR, and AAD. *IEEE Transactions on Automation Science and Engineering*, **2012**, 9, 296-307	4.9	69
219	. *IEEE Transactions on Control Systems Technology*, **2012**, 20, 495-503	4.8	162
218	Graphical tools for routine assessment of industrial alarm systems. *Computers and Chemical Engineering*, **2012**, 46, 39-47	4	44

217	On correlation analysis of bivariate alarm signals **2012**,		1
216	Design of a model predictive controller for interface level regulation in oil sands separation cells **2012**,		2
215	Event-Based Stabilization over Networks with Transmission Delays. *Journal of Control Science and Engineering*, **2012**, 2012, 1-8	1.2	11
214	Voltage Stability Monitoring Based on the Concept of Coupled Single-Port Circuit. *IEEE Transactions on Power Systems*, **2011**, 26, 2154-2163	7	109
213	Improved Correlation Analysis and Visualization of Industrial Alarm Data. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 12898-12903		4
212	filtering for nonuniformly sampled systems: A Markovian jump systems approach. *Systems and Control Letters*, **2011**, 60, 871-876	2.4	22
211	On expected detection delays for alarm systems with deadbands and delay-timers. *Journal of Process Control*, **2011**, 21, 1318-1331	3.9	75
210	Estimation of alarm chattering. *Journal of Process Control*, **2011**, 21, 1243-1249	3.9	45
209	Continuous-time model identification of fractional-order models with time delays. *IET Control Theory and Applications*, **2011**, 5, 900-912	2.5	67
208	Complexity analysis of network-based dynamical systems. *Journal of Systems Science and Complexity*, **2011**, 24, 413-432	1	
207	LMI optimization approach to robust decentralized controller design. *International Journal of Robust and Nonlinear Control*, **2011**, 21, 904-924	3.6	9
206	Minimizing the Effect of Sampling Jitters in Wireless Sensor Networks. *IEEE Signal Processing Letters*, **2011**, 18, 219-222	3.2	5
205	Online identification of switched linear output error models **2011**,		6
204	Joint random access and power control game in ad hoc networks with noncooperative users. *Ad Hoc Networks*, **2011**, 9, 142-151	4.8	10
203	Computing detection delays in industrial alarm systems **2011**,		5
202	On the use of delay timers and latches for efficient alarm design **2011**,		11
201	A study on the relation between alarm deadbands and optimal alarm limits **2011**,		7
200	**2010**,		12

199	Tuning of fractional PI controllers for fractional order system models with and without time delays **2010**,		17
198	Stabilization of Networked Control Systems via Dynamic Output-Feedback Controllers. *SIAM Journal on Control and Optimization*, **2010**, 48, 3643-3658	1.9	63
197	H⃝ Filtering for nonuniformly sampled systems **2010**,		1
196	Optimal Linear State Estimator With Multiple Packet Dropouts. *IEEE Transactions on Automatic Control*, **2010**, 55, 1428-1433	5.9	65
195	State smoothing in Markov jump systems with lagged mode observation. *International Journal of Adaptive Control and Signal Processing*, **2010**, 24, 1005-1020	2.8	5
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193	Multi-rate stochastic H⃝ filtering for networked multi-sensor fusion. *Automatica*, **2010**, 46, 437-444	5.7	74
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190	Model predictive control for networked control systems. *International Journal of Robust and Nonlinear Control*, **2009**, 19, 1016-1035	3.6	38
189	Multi-loop control synthesis for unstable systems and its application: An approach based on μ interaction measure. *International Journal of Robust and Nonlinear Control*, **2009**, 19, 1721-1744	3.6	5
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186	Decentralized robust output feedback control for control affine nonlinear interconnected systems. *Journal of Process Control*, **2009**, 19, 865-878	3.9	15
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182	Identification of Hammerstein systems without explicit parameterisation of non-linearity. *International Journal of Control*, **2009**, 82, 937-952	1.5	35

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178	Upper Bounds for Induced Operator Norms of Nonlinear Systems. *IEEE Transactions on Automatic Control*, **2009**, 54, 1159-1165	5.9	0
177	On system identification in a networked environment **2009**,		1
176	Multi-rate optimal state estimation. *International Journal of Control*, **2009**, 82, 2059-2076	1.5	51
175	A Framework for Optimal Design of Alarm Systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2009**, 42, 651-656		43
174	Robust Controller Design And Pid Tuning For Multivariable Processes. *Asian Journal of Control*, **2008**, 4, 439-451	1.7	35
173	Robust H Filtering For Uncertain Stochastic Time-Delay Systems. *Asian Journal of Control*, **2008**, 5, 364-373	1.7	40
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170	STABILITY ANALYSIS OF UNCERTAIN DISCRETE-TIME SYSTEMS WITH TIME-VARYING STATE DELAY: A PARAMETER-DEPENDENT LYAPUNOV FUNCTION APPROACH. *Asian Journal of Control*, **2008**, 8, 433-440	1.7	9
169	A Parameter-Dependent Approach to Robust H_{infty} Filtering for Time-Delay Systems. *IEEE Transactions on Automatic Control*, **2008**, 53, 2420-2425	5.9	81
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165	Network-Based ${{cal H}}_{!!!infty }$ Output Tracking Control. *IEEE Transactions on Automatic Control*, **2008**, 53, 655-667	5.9	289
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161	On the input-output stability of nonlinear systems: Large gain theorem **2008**,		12
160	Parity space fault detection based on irregularly sampled data **2008**,		3
159	A Direct Approach to Fault Detection in Non-uniformly Sampled Systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 10148-10153		2
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157	Decentralized Robust PI Controller Design For An Industrial Utility Boiler - An IMC Method. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 14235-14240		
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1   An Efficient Method to Discover Association Rules of Mode-Dependent Alarms Based on the FP-Growth Algorithm

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