

# Henrik Sandberg

## List of Publications by Year in descending order

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239  
papers

7,704  
citations

185998

28  
h-index

95083

68  
g-index

243  
all docs

243  
docs citations

243  
times ranked

4933  
citing authors

#	ARTICLE	IF	CITATIONS
1	A secure control framework for resource-limited adversaries. <i>Automatica</i> , 2015, 51, 135-148.	3.0	833
2	A Survey of Distributed Optimization and Control Algorithms for Electric Power Systems. <i>IEEE Transactions on Smart Grid</i> , 2017, 8, 2941-2962.	6.2	786
3	Distributed fault detection for interconnected second-order systems. <i>Automatica</i> , 2011, 47, 2757-2764.	3.0	357
4	Attack models and scenarios for networked control systems. , 2012, , .		315
5	Stealth Attacks and Protection Schemes for State Estimators in Power Systems. , 2010, , .		281
6	Cyber security analysis of state estimators in electric power systems. , 2010, , .		276
7	A Survey of Physics-Based Attack Detection in Cyber-Physical Systems. <i>ACM Computing Surveys</i> , 2019, 51, 1-36.	16.1	257
8	Distributed Control of Networked Dynamical Systems: Static Feedback, Integral Action and Consensus. <i>IEEE Transactions on Automatic Control</i> , 2014, 59, 1750-1764.	3.6	221
9	Limiting the Impact of Stealthy Attacks on Industrial Control Systems. , 2016, , .		214
10	Revealing stealthy attacks in control systems. , 2012, , .		189
11	Networked control systems under cyber attacks with applications to power networks. , 2010, , .		153
12	Scheduling smart home appliances using mixed integer linear programming. , 2011, , .		151
13	Distributed Fault Detection and Isolation Resilient to Network Model Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 2024-2037.	6.2	131
14	Balanced Truncation of Linear Time-Varying Systems. <i>IEEE Transactions on Automatic Control</i> , 2004, 49, 217-229.	3.6	125
15	Network-Aware Mitigation of Data Integrity Attacks on Power System State Estimation. <i>IEEE Journal on Selected Areas in Communications</i> , 2012, 30, 1108-1118.	9.7	115
16	Model reduction of interconnected linear systems. <i>Optimal Control Applications and Methods</i> , 2009, 30, 225-245.	1.3	112
17	Second-law-like inequalities with information and their interpretations. <i>New Journal of Physics</i> , 2014, 16, 125007.	1.2	99
18	On the Exact Solution to a Smart Grid Cyber-Security Analysis Problem. <i>IEEE Transactions on Smart Grid</i> , 2013, 4, 856-865.	6.2	95

#	ARTICLE	IF	CITATIONS
19	A Framework for Attack-Resilient Industrial Control Systems: Attack Detection and Controller Reconfiguration. Proceedings of the IEEE, 2018, 106, 113-128.	16.4	94
20	Efficient Computations of a Security Index for False Data Attacks in Power Networks. IEEE Transactions on Automatic Control, 2014, 59, 3194-3208.	3.6	92
21	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
22	A Tutorial Introduction to Security and Privacy for Cyber-Physical Systems. , 2019, , .		73
23	Distributed PI-control with applications to power systems frequency control. , 2014, , .		62
24	A Cyber Security Study of a SCADA Energy Management System: Stealthy Deception Attacks on the State Estimator*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11271-11277.	0.4	56
25	Design of State-Based Schedulers for a Network of Control Loops. IEEE Transactions on Automatic Control, 2013, 58, 1962-1975.	3.6	55
26	Robust Scheduling of Smart Appliances in Active Apartments With User Behavior Uncertainty. IEEE Transactions on Automation Science and Engineering, 2016, 13, 247-259.	3.4	55
27	Fisher Information as a Measure of Privacy: Preserving Privacy of Households With Smart Meters Using Batteries. IEEE Transactions on Smart Grid, 2018, 9, 4726-4734.	6.2	53
28	Frequency-domain analysis of linear time-periodic systems. IEEE Transactions on Automatic Control, 2005, 50, 1971-1983.	3.6	52
29	Computing Critical $k$ -Tuples in Power Networks. IEEE Transactions on Power Systems, 2012, 27, 1511-1520.	4.6	50
30	Distributed integral action: Stability analysis and frequency control of power systems. , 2012, , .		50
31	Electric power network security analysis via minimum cut relaxation. , 2011, , .		49
32	Security of smart distribution grids: Data integrity attacks on integrated volt/VAR control and countermeasures. , 2014, , .		47
33	Distributed vs. centralized power systems frequency control. , 2013, , .		45
34	Toward Wireless Control in Industrial Process Automation: A Case Study at a Paper Mill. IEEE Control Systems, 2019, 39, 36-57.	1.0	43
35	The VIKING project: An initiative on resilient control of power networks. , 2009, , .		38
36	Data Attack Isolation in Power Networks Using Secure Voltage Magnitude Measurements. IEEE Transactions on Smart Grid, 2014, 5, 14-28.	6.2	38

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37	Coherency-Independent Structured Model Reduction of Power Systems. IEEE Transactions on Power Systems, 2014, 29, 2418-2426.	4.6	38
38	Ensuring privacy with constrained additive noise by minimizing Fisher information. Automatica, 2019, 99, 275-288.	3.0	38
39	Online fault diagnosis for nonlinear power systems. Automatica, 2015, 55, 27-36.	3.0	36
40	On the dual effect in state-based scheduling of networked control systems. , 2011, , .		35
41	Differentially private state estimation in distribution networks with smart meters. , 2015, , .		35
42	Challenges in Power System Information Security. IEEE Security and Privacy, 2012, 10, 62-70.	1.5	32
43	Retrofit control: Localization of controller design and implementation. Automatica, 2018, 95, 336-346.	3.0	32
44	Network-layer protection schemes against stealth attacks on state estimators in power systems. , 2011, , .		31
45	Voltage control for interconnected microgrids under adversarial actions. , 2015, , .		31
46	Demand response for aggregated residential consumers with energy storage sharing. , 2015, , .		30
47	An Extension to Balanced Truncation With Application to Structured Model Reduction. IEEE Transactions on Automatic Control, 2010, 55, 1038-1043.	3.6	29
48	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
49	Maximum work extraction and implementation costs for nonequilibrium Maxwell's demons. Physical Review E, 2014, 90, 042119.	0.8	28
50	Improving performance of droop-controlled microgrids through distributed PI-control. , 2016, , .		28
51	Estimating the Impact of Cyber-Attack Strategies for Stochastic Networked Control Systems. IEEE Transactions on Control of Network Systems, 2020, 7, 747-757.	2.4	28
52	Clustering-Based Model Reduction of Networked Passive Systems. IEEE Transactions on Automatic Control, 2016, 61, 2958-2973.	3.6	27
53	Directed information and privacy loss in cloud-based control. , 2017, , .		27
54	SDP-based joint sensor and controller design for information-regularized optimal LQG control. , 2015, , .		26

#	ARTICLE	IF	CITATIONS
55	The ADMM Algorithm for Distributed Quadratic Problems: Parameter Selection and Constraint Preconditioning. IEEE Transactions on Signal Processing, 2016, 64, 290-305.	3.2	26
56	Estimation over heterogeneous sensor networks. , 2008, , .		25
57	Security analysis of control system anomaly detectors. , 2017, , .		25
58	On the Coherence of Large-Scale Networks With Distributed PI and PD Control. , 2017, 1, 170-175.		24
59	Rate of prefix-free codes in LQG control systems. , 2016, , .		23
60	Distributed Controllers for Multiterminal HVDC Transmission Systems. IEEE Transactions on Control of Network Systems, 2017, 4, 564-574.	2.4	23
61	How to Secure Distributed Filters Under Sensor Attacks. IEEE Transactions on Automatic Control, 2022, 67, 2843-2856.	3.6	23
62	On Lossless Approximations, the Fluctuation- Dissipation Theorem, and Limitations of Measurements. IEEE Transactions on Automatic Control, 2011, 56, 293-308.	3.6	22
63	Secure Networked Control Systems. Annual Review of Control, Robotics, and Autonomous Systems, 2022, 5, 445-464.	7.5	21
64	Optimal power flow: Closing the loop over corrupted data. , 2012, , .		20
65	Active actuator fault detection and diagnostics in HVAC systems. , 2012, , .		20
66	Performance Analysis of a Network of Event-Based Systems. IEEE Transactions on Automatic Control, 2016, 61, 3568-3573.	3.6	20
67	Model approximation using magnitude and phase criteria: implications for model reduction and system identification. International Journal of Robust and Nonlinear Control, 2007, 17, 435-461.	2.1	19
68	A graph-theoretic approach on optimizing informed-node selection in multi-agent tracking control. Physica D: Nonlinear Phenomena, 2014, 267, 104-111.	1.3	19
69	Quadratic Gaussian privacy games. , 2015, , .		19
70	Secure Estimation and Zero-Error Secrecy Capacity. IEEE Transactions on Automatic Control, 2019, 64, 1047-1062.	3.6	19
71	Optimal scaling of the ADMM algorithm for distributed quadratic programming. , 2013, , .		18
72	Finite-time thermodynamics of port-Hamiltonian systems. Physica D: Nonlinear Phenomena, 2014, 267, 123-132.	1.3	18

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73	Dissipativity-Preserving Model Reduction for Large-Scale Distributed Control Systems. IEEE Transactions on Automatic Control, 2015, 60, 1023-1037.	3.6	18
74	Uncertain wiretap channels and secure estimation. , 2016, , .		18
75	Nonlinear Consensus Protocols With Applications to Quantized Communication and Actuation. IEEE Transactions on Control of Network Systems, 2019, 6, 598-608.	2.4	18
76	A case study in model reduction of linear time-varying systems. Automatica, 2006, 42, 467-472.	3.0	17
77	Actuator Security Indices Based on Perfect Undetectability: Computation, Robustness, and Sensor Placement. IEEE Transactions on Automatic Control, 2020, 65, 3816-3831.	3.6	17
78	Distributed Voltage and Current Control of Multi-Terminal High-Voltage Direct Current Transmission Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 11910-11916.	0.4	16
79	Secure estimation for unstable systems. , 2016, , .		16
80	From control system security indices to attack identifiability. , 2016, , .		16
81	Optimal privacy-preserving policy using constrained additive noise to minimize the fisher information. , 2017, , .		16
82	On Fundamental Limitations of Dynamic Feedback Control in Regular Large-Scale Networks. IEEE Transactions on Automatic Control, 2019, 64, 4936-4951.	3.6	16
83	Networked Model for Cooperative Adaptive Cruise Control. IFAC-PapersOnLine, 2019, 52, 151-156.	0.5	16
84	Quantifying Cyber-Security for Networked Control Systems. Lecture Notes in Control and Information Sciences, 2013, , 123-142.	0.6	16
85	Predictive compensation for communication outages in networked control systems. , 2008, , .		15
86	Agents misbehaving in a network: a vice or a virtue?. IEEE Network, 2012, 26, 35-40.	4.9	15
87	Performance metrics for droop-controlled microgrids with variable voltage dynamics. , 2015, , .		15
88	Optimal state estimation with measurements corrupted by Laplace noise. , 2016, , .		15
89	Cyber-Physical-Security Framework for Building Energy Management System. , 2016, , .		15
90	Distributed Sensor and Actuator Reconfiguration for Fault-Tolerant Networked Control Systems. IEEE Transactions on Control of Network Systems, 2018, 5, 1517-1528.	2.4	15

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91	Secure Distributed Filtering for Unstable Dynamics Under Compromised Observations. , 2019, , .		15
92	Analysis and Distributed Control of Periodic Epidemic Processes. IEEE Transactions on Control of Network Systems, 2021, 8, 123-134.	2.4	15
93	A bode sensitivity integral for linear time-periodic systems. IEEE Transactions on Automatic Control, 2005, 50, 2034-2039.	3.6	14
94	Structured Model Order Reduction of Parallel Models in Feedback. IEEE Transactions on Control Systems Technology, 2013, 21, 739-752.	3.2	14
95	Strategic stealthy attacks: The output-to-output $\infty$ -gain. , 2015, , .		14
96	Analysis and Mitigation of Bias Injection Attacks Against a Kalman Filter * *This work was supported by the Swedish Civil Contingencies Agency through the CERCES project, the Swedish Research Council, Knut and Alice Wallenberg Foundation, and the Swedish Foundation for Strategic Research. IFAC-PapersOnLine, 2017, 50, 8393-8398.	0.5	14
97	Anomaly Detector Metrics for Sensor Data Attacks in Control Systems. , 2018, , .		14
98	Model reduction of linear systems using extended balanced truncation. , 2008, , .		13
99	Model reduction of networked passive systems through clustering. , 2014, , .		13
100	Coherence in synchronizing power networks with distributed integral control. , 2017, , .		13
101	A Graph-Theoretic Equilibrium Analysis of Attacker-Defender Game on Consensus Dynamics Under $H_2$ Performance Metric. IEEE Transactions on Network Science and Engineering, 2021, 8, 1991-2000.	4.1	13
102	Quantifying the Impact of Cyber-Attack Strategies for Control Systems Equipped With an Anomaly Detector. , 2018, , .		12
103	Frequency-Weighted Model Reduction with Applications to Structured Models. Proceedings of the American Control Conference, 2007, , .	0.0	10
104	Linear-quadratic-Gaussian heat engines. , 2007, , .		10
105	Distributed Leader Selection without Direct Inter-agent Communication. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 221-226.	0.4	10
106	Cyber-security of SCADA systems. , 2012, , .		10
107	Distributed actuator reconfiguration in networked control systems*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 61-68.	0.4	10
108	Energy and CO <sub>2</sub> efficient scheduling of smart appliances in active houses equipped with batteries. , 2014, , .		10

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109	Control of MTDC transmission systems under local information. , 2014, , .		10
110	The Conservation of Information, Towards an Axiomatized Modular Modeling Approach to Congestion Control. IEEE/ACM Transactions on Networking, 2015, 23, 851-865.	2.6	10
111	A Game-Theoretic Framework for Security-Aware Sensor Placement Problem in Networked Control Systems. IEEE Transactions on Automatic Control, 2022, 67, 3699-3706.	3.6	10
112	Parameter Privacy versus Control Performance: Fisher Information Regularized Control. , 2020, , .		10
113	Steady state performance analysis of multiple state-based schedulers with CSMA. , 2011, , .		9
114	Distributed Fault Detection and Isolation with imprecise network models. , 2012, , .		9
115	Performance and scalability of voltage controllers in multi-terminal HVDC networks. , 2017, , .		9
116	Wireless sensor network scheduling for remote estimation under energy constraints. , 2017, , .		9
117	Design of Attack-Resilient Consensus Dynamics: A Game-Theoretic Approach. , 2019, , .		9
118	A Game-theoretic Framework for Security-aware Sensor Placement Problem in Networked Control Systems. , 2019, , .		9
119	Privacy-Preserving Dual Averaging With Arbitrary Initial Conditions for Distributed Optimization. IEEE Transactions on Automatic Control, 2022, 67, 3172-3179.	3.6	9
120	The Statistical Mechanics of Fluctuation-Dissipation and Measurement Back Action. Proceedings of the American Control Conference, 2007, , .	0.0	8
121	On Identification of Parallel Cascade Serial Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 9978-9983.	0.4	8
122	Stability analysis of multiple state-based schedulers with CSMA. , 2012, , .		8
123	The Interconnection of Quadratic Droop Voltage Controllers Is a Lotka-Volterra System: Implications for Stability Analysis. , 2018, 2, 218-223.		8
124	Performance Limitations of Distributed Integral Control in Power Networks Under Noisy Measurements. , 2018, , .		8
125	A Graph-Theoretic Approach to the $\mathcal{H}_\infty$ Performance of Leader-Follower Consensus on Directed Networks. , 2019, 3, 954-959.		8
126	On the confidentiality of controller states under sensor attacks. Automatica, 2021, 123, 109329.	3.0	8



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127	Multi-hop sensor network scheduling for optimal remote estimation. Automatica, 2021, 127, 109498.	3.0	8
128	Thermodynamics of linear systems. , 2007, , .		7
129	Cascade structural model approximation of identified state space models. , 2008, , .		7
130	Structured model reduction of power systems. , 2012, , .		7
131	Structured model reduction of interconnected linear systems based on singular perturbation. , 2013, , .		7
132	Guest Editorial Distributed Control and Efficient Optimization Methods for Smart Grid. IEEE Transactions on Smart Grid, 2017, 8, 2939-2940.	6.2	7
133	Large Scale Rollout of Smart Grid Services. , 2018, , .		7
134	Transfer-Entropy-Regularized Markov Decision Processes. IEEE Transactions on Automatic Control, 2022, 67, 1944-1951.	3.6	7
135	Computing the $L_2$ gain for linear periodic continuous-time systems. Automatica. 2009. 45. 783-789.	3.0	6
136	Dynamical system decomposition using dissipation inequalities. , 2011, , .		6
137	Consistency-preserving event-triggered estimation in sensor networks. , 2015, , .		6
138	Synchronization of Kuramoto Oscillators in a Bidirectional Frequency-Dependent Tree Network. , 2018, , .		6
139	A Risk-Theoretical Approach to $H_2$ -Optimal Control Under Covert Attacks. , 2018, , .		6
140	A Game-Theoretic Approach for Choosing a Detector Tuning Under Stealthy Sensor Data Attacks. , 2018, , .		6
141	Two-way coding in control systems under injection attacks. , 2019, , .		6
142	Local voltage control of an inverter-based power distribution network with a class of slope-restricted droop controllers. IFAC-PapersOnLine, 2019, 52, 163-168.	0.5	6
143	Ensuring Privacy of Occupancy Changes in Smart Buildings. , 2020, , .		6
144	Overcoming Challenges for Estimating Virus Spread Dynamics from Data. , 2020, , .		6

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145	Security index based on perfectly undetectable attacks: Graph-theoretic conditions. Automatica, 2021, 134, 109925.	3.0	6
146	A secure state estimation algorithm for nonlinear systems under sensor attacks. , 2020, , .		6
147	BALANCED MODEL REDUCTION OF LINEAR TIME-VARYING SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 255-260.	0.4	5
148	Modelling and Control of Series HEVs Including Resistive Losses and Varying Engine Efficiency. , 0, , .		5
149	Detection and identification of data attacks in power system. , 2012, , .		5
150	Nonserial dynamic programming with applications in smart home appliances scheduling - Part II: Nonserial dynamic programming. , 2014, , .		5
151	Cyber-Secure and Resilient Architectures for Industrial Control Systems. , 2015, , 149-183.		5
152	Retrofitting state feedback control of networked nonlinear systems based on hierarchical expansion. , 2016, , .		5
153	A Security Index for Actuators Based on Perfect Undetectability: Properties and Approximation. , 2018, , .		5
154	A Network Monitoring Game with Heterogeneous Component Criticality Levels. , 2019, , .		5
155	Modeling and Stability of Prosumer Heat Networks. IFAC-PapersOnLine, 2019, 52, 235-240.	0.5	5
156	Security measure allocation for industrial control systems: Exploiting systematic search techniques and submodularity. International Journal of Robust and Nonlinear Control, 2020, 30, 4278-4302.	2.1	5
157	Actuator Security Index for Structured Systems. , 2020, , .		5
158	A Randomized Filtering Strategy Against Inference Attacks on Active Steering Control Systems. IEEE Transactions on Information Forensics and Security, 2022, 17, 16-27.	4.5	5
159	Reduced-order predictive outage compensators for networked systems. , 2009, , .		4
160	The Observer Effect in Estimation with Physical Communication Constraints*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 12483-12489.	0.4	4
161	Exploiting Submodularity in Security Measure Allocation for Industrial Control Systems. , 2017, , .		4
162	Protecting Positive and Second-Order Systems against Undetectable Attacks * *This research is supported in part by the Hong Kong RGC under the grant number CityU 11260016, in part by Knut and Alice Wallenberg Foundation, Swedish Research Council, and Swedish Foundation for Strategic Research and in part by the Research Grants Council of Hong Kong Special Administrative Region, China, under the Theme-Based Research Scheme T23-701/14-N.. IFAC-PapersOnLine, 2017, 50, 8373-8378.	0.5	4

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163	Glocal control for network systems via hierarchical state-space expansion. , 2017, , .		4
164	Resilient Estimation and Control on k-Nearest Neighbor Platoons: A Network-Theoretic Approach. IFAC-PapersOnLine, 2018, 51, 22-27.	0.5	4
165	Localized high-order consensus destabilizes large-scale networks. , 2019, , .		4
166	Analysis, Online Estimation, and Validation of a Competing Virus Model. , 2020, , .		4
167	A Nash equilibrium-based moving target defense against stealthy sensor attacks. , 2020, , .		4
168	On subspace identification of cascade structured systems. , 2010, , .		3
169	A robust control-design method using Bode's ideal transfer function. , 2011, , .		3
170	Wireless event-triggered controller for a 3D tower crane lab process. , 2011, , .		3
171	Fault Detection and Mitigation in Kirchhoff Networks. IEEE Signal Processing Letters, 2012, 19, 749-752.	2.1	3
172	Structured power system model reduction of non-coherent areas. , 2012, , .		3
173	Real-time fault diagnosis for large-scale nonlinear power networks. , 2013, , .		3
174	Nonserial dynamic programming with applications in smart home appliances scheduling - Part I: Precedence graph simplification. , 2014, , .		3
175	Dissipative open systems theory as a foundation for the thermodynamics of linear systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160218.	1.6	3
176	Noise-induced limitations to the scalability of distributed integral control. Systems and Control Letters, 2019, 130, 23-31.	1.3	3
177	Voltage regulation of a power distribution network in a radial configuration with a class of sector-bounded droop controllers. , 2019, , .		3
178	Sample-based anomaly detector tuning with finite sample guarantees. , 2021, , .		3
179	Epistemic Signaling Games for Cyber Deception With Asymmetric Recognition. , 2022, 6, 854-859.		3
180	Optimal Privacy-Aware Estimation. IEEE Transactions on Automatic Control, 2022, 67, 2253-2266.	3.6	3

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181	Adversarial Attacks on Continuous Authentication Security: A Dynamic Game Approach. Lecture Notes in Computer Science, 2019, , 439-458.	1.0	3
182	Singular perturbation approximation of semistable linear systems. , 2013, , .		3
183	Disconnection-Aware Attack Detection and Isolation With Separation-Based Detector Reconfiguration. IEEE Transactions on Control Systems Technology, 2022, 30, 1625-1640.	3.2	3
184	Data-Driven Distributed Mitigation Strategies and Analysis of Mutating Epidemic Processes. , 2020, , .		3
185	Disconnection-aware Attack Detection in Networked Control Systems. IFAC-PapersOnLine, 2020, 53, 3515-3520.	0.5	3
186	Data-injection Attacks Using Historical Inputs and Outputs. , 2021, , .		3
187	Experimental evaluation of sensor attacks and defense mechanisms in feedback systems. Control Engineering Practice, 2022, 124, 105178.	3.2	3
188	On Floquet-Fourier Realizations of Linear Time-Periodic Impulse Responses. , 2006, , .		2
189	Parameterized model order reduction using extended balanced truncation. , 2012, , .		2
190	Controllability of a class of networked passive linear systems. , 2013, , .		2
191	Dissipativity-preserving model reduction based on generalized singular perturbation. , 2013, , .		2
192	Wiretap codes for secure multi-party computation. , 2014, , .		2
193	Deriving thermodynamics from linear dissipativity theory. , 2015, , .		2
194	Multi-Layer Disease Spread Model with a Water Distribution Network. , 2019, , .		2
195	Hierarchical Model Decomposition for Distributed Design of Glocal Controllers. , 2019, , .		2
196	On the Confidentiality of Linear Anomaly Detector States. , 2019, , .		2
197	Parameter-Invariant Actuator Fault Diagnostics in Cyber-Physical Systems with Application to Building Automation. Lecture Notes in Control and Information Sciences, 2013, , 179-196.	0.6	2
198	Minimum-time Secure Rollout of Software Updates for Controllable Power Loads. Electric Power Systems Research, 2020, 189, 106797.	2.1	2

#	ARTICLE	IF	CITATIONS
199	Asymptotic Security of Control Systems by Covert Reaction: Repeated Signaling Game with Undisclosed Belief. , 2020, , .		2
200	Maximizing Privacy in MIMO Cyber-Physical Systems Using the Chapman-Robbins Bound. , 2020, , .		2
201	Change time estimation uncertainty in nonlinear dynamical systems with applications to COVID-19. International Journal of Robust and Nonlinear Control, 2023, 33, 4732-4760.	2.1	2
202	IMPLEMENTATION OF A TOOL FOR CONTROL STRUCTURE ASSESSMENT. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 435-440.	0.4	1
203	Control over a Hybrid MAC Wireless Network. , 2010, , .		1
204	Structured Model Order Reduction of Boiler-Header Models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 3341-3347.	0.4	1
205	Approximative model reconstruction of cascade systems. Systems and Control Letters, 2014, 69, 90-97.	1.3	1
206	A study on the sensitivity matrix in power system state estimation by using sparse principal component analysis. , 2016, , .		1
207	Nonlinear consensus protocols with applications to quantized systems * *This work was supported by the Knut and Alice Wallenberg Foundation, the Swedish Foundation for Strategic Research, and the Swedish Research Council.. IFAC-PapersOnLine, 2017, 50, 15440-15445.	0.5	1
208	Secure Patching of an Output-Feedback Controller for a Class of Nonlinear Systems Under Adversarial Attack. , 2018, , .		1
209	Control Theory for Practical Cyber-Physical Security. , 2018, , .		1
210	Regret Lower Bounds for Unbiased Adaptive Control of Linear Quadratic Regulators. , 2020, 4, 785-790.		1
211	On a Phase Transition of Regret in Linear Quadratic Control: The Memoryless Case. , 2021, 5, 695-700.		1
212	Cyber-Physical Security. , 2021, , 480-487.		1
213	Adversarial Attacks on CFO-Based Continuous Physical Layer Authentication: A Game Theoretic Study. , 2021, , .		1
214	Multiple access with attention-based tournaments for monitoring over wireless networks. , 2009, , .		1
215	Asymptotic and finite-time almost global attitude tracking: representations free approach. , 2018, , .		1
216	Intrusion Resilience for PV Inverters in a Distribution Grid Use-Case Featuring Dynamic Voltage Control. Lecture Notes in Computer Science, 2020, , 97-109.	1.0	1

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217	Analysis of a Networked SIS Multi-Virus Model with a Shared Resource. IFAC-PapersOnLine, 2020, 53, 797-802.	0.5	1
218	Cyber-Physical Security. , 2020, , 1-8.		1
219	Adaptive voltage regulation of an inverter-based power distribution network with a class of droop controllers. IFAC-PapersOnLine, 2020, 53, 12416-12421.	0.5	1
220	Passive Fault-tolerant Estimation under Strategic Adversarial Bias. , 2020, , .		1
221	Geometrical Characterization of Sensor Placement for Cone-Invariant and Multi-Agent Systems against Undetectable Zero-Dynamics Attacks. SIAM Journal on Control and Optimization, 2022, 60, 890-916.	1.1	1
222	Asymptotic Security by Model-based Incident Handlers for Markov Decision Processes. , 2021, , .		1
223	On the confidentiality of the reference signal under sensor attacks. , 2021, , .		1
224	A case study in model reduction of linear time-varying systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 249-254.	0.4	0
225	Power-system state-estimation security: attacks and protection schemes. , 0, , 388-412.		0
226	Optimal $H_2$ control design under model information limitations and state measurement constraints. , 2013, , .		0
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