Christoforos N Hadjicostis

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.

188 3,504 32 53 h-index g-index citations papers 6.13 225 4,372 3.7 L-index ext. citations avg, IF ext. papers

#	Paper	IF	Citations
188	State-labeled safety analysis of modular observers for opacity verification 2022, 1-1		1
187	Event-Triggered Quantized Average Consensus via Ratios of Accumulated Values. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1293-1300	5.9	3
186	Distributed Integer Balancing Under Weight Constraints in the Presence of Transmission Delays. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1910-1917	5.9	O
185	Jump LQR Systems With Unknown Transition Probabilities. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2693-2708	5.9	О
184	Observers for a class of timed automata based on elapsed time graphs. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	O
183	Editorial - Thirty years of J-DEDS: moving on with new leadership. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2021 , 31, 1-3	1	
182	Privacy-Preserving Distributed Averaging via Homomorphically Encrypted Ratio Consensus. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 3887-3894	5.9	19
181	. IEEE Transactions on Control of Network Systems, 2020 , 7, 315-325	4	3
180	Privacy and safety analysis of timed stochastic discrete event systems using Markovian trajectory-observers. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2020 , 30, 413-440	1	3
179	Distributed Average Consensus under Quantized Communication via Event-Triggered Mass Splitting. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2957-2962	0.7	0
178	Decentralized State Estimation. Communications and Control Engineering, 2020, 251-303	0.6	
177	Introduction to Estimation and Inference in Discrete Event Systems. <i>Communications and Control Engineering</i> , 2020 , 1-14	0.6	1
176	Detectability. Communications and Control Engineering, 2020, 155-183	0.6	
175	Diagnosability. Communications and Control Engineering, 2020, 185-223	0.6	
174	Verification of State Isolation Properties. Communications and Control Engineering, 2020, 119-153	0.6	
173	Opacity. Communications and Control Engineering, 2020, 225-249	0.6	
172	Exposure and Revelation Times as a Measure of Opacity in Timed Stochastic Discrete Event Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 1-1	5.9	1

171	State Estimation. Communications and Control Engineering, 2020, 69-117	0.6	
170	Distributed State Estimation. Communications and Control Engineering, 2020, 305-342	0.6	
169	Probabilistic verification of attack detection using logical observer. IFAC-PapersOnLine, 2020, 53, 95-10	00.7	1
168	Distributed Balancing under Flow Constraints over Arbitrary Communication Topologies. <i>IEEE Transactions on Automatic Control</i> , 2020 , 1-1	5.9	О
167	Estimation and Inference in Discrete Event Systems. Communications and Control Engineering, 2020,	0.6	13
166	Trajectory-observers of timed stochastic discrete event systems: Applications to privacy analysis 2019 ,		4
165	Distributed Flow Network Balancing With Minimal Effort. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3529-3543	5.9	3
164	Distributed Balancing With Constrained Integer Weights. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 2553-2558	5.9	3
163	Robust LQG for Markov Jump Linear Systems 2019 ,		1
162	Privacy-Preserving Average Consensus over Digraphs in the Presence of Time Delays 2019 ,		6
161	Exposure Time as a Measure of Opacity in Timed Discrete Event Systems 2019,		5
160	Revelation Time for Initial-State Opacity Measurement in Timed Discrete Event Systems 2019 ,		1
159	Distributed Balancing of Commodity Networks Under Flow Interval Constraints. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 51-65	5.9	6
158	Distributed Fault Diagnosis in Discrete Event Systems via Set Intersection Refinements. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 3601-3607	5.9	9
157	. IEEE Transactions on Control of Network Systems, 2018 , 5, 1646-1656	4	5
156	On the history of diagnosability and opacity in discrete event systems. <i>Annual Reviews in Control</i> , 2018 , 45, 257-266	10.3	68
155	Revised Test for Stochastic Diagnosability of Discrete-Event Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2018 , 15, 404-408	4.9	7
154	Distributed Integer Weight Balancing in the Presence of Time Delays in Directed Graphs. <i>IEEE Transactions on Control of Network Systems</i> , 2018 , 5, 1300-1309	4	4

153	. IEEE Transactions on Control of Network Systems, 2018 , 5, 957-967	4	11
152	Distributed Averaging and Balancing in Network Systems. <i>Foundations and Trends in Systems and Control</i> , 2018 , 5, 99-292	4	12
151	Probabilistic system opacity in discrete event systems. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2018 , 28, 289-314	1	16
150	Distributed Average Consensus under Quantized Communication via Event- Triggered Mass Summation 2018 ,		3
149	When to stop iterating in digraphs of unknown size? An application to finite-time average consensus 2018 ,		1
148	Trajectory Planning under Current-State Opacity Constraints. <i>IFAC-PapersOnLine</i> , 2018 , 51, 337-342	0.7	4
147	Compositional Visible Bisimulation Abstraction Applied to Opacity Verification. <i>IFAC-PapersOnLine</i> , 2018 , 51, 434-441	0.7	9
146	Privary Preserving Distributed Average Consensus via Homomorphic Encryption 2018,		8
145	. IEEE Transactions on Control of Network Systems, 2017 , 4, 380-391	4	22
144	. IEEE Transactions on Automatic Control, 2017 , 62, 1030-1045	5.9	2
143	Verification of detectability in Probabilistic Finite Automata. <i>Automatica</i> , 2017 , 86, 192-198	5.7	21
142	Distributed flow balancing over unreliable communication links 2017,		1
141	Distributed weight balancing under integer constraints in the presence of packet drops 2017,		1
140	Distributed balancing under interval flow constraints in directed communication topologies 2017,		3
139	. IEEE Transactions on Automatic Control, 2016 , 61, 1492-1507	5.9	34
138	Detection of collaborative cyber-attacks through correlation and time dependency analysis 2016,		1
137	. IEEE Transactions on Control of Network Systems, 2016 , 3, 137-148	4	43
136	Decentralized state estimation in discrete event systems under partially ordered observation sequences 2016 ,		2

135	Probabilistic system opacity in discrete event systems 2016 ,		4
134	Totally asynchronous distributed estimation of eigenvector centrality in digraphs with application to the PageRank problem 2016 ,		5
133	Distributed balancing in digraphs under interval constraints 2016,		7
132	Robust Linear Quadratic Regulator for uncertain systems 2016 ,		3
131	K-detectability in discrete event systems 2016 ,		6
130	2016,		5
129	Distributed finite-time calculation of node eccentricities, graph radius and graph diameter. <i>Systems and Control Letters</i> , 2016 , 92, 20-27	2.4	10
128	Distributed stopping for average consensus in undirected graphs via event-triggered strategies. <i>Automatica</i> , 2016 , 70, 121-127	5.7	17
127	Distributed resource coordination in networked systems described by digraphs. <i>Systems and Control Letters</i> , 2015 , 82, 33-39	2.4	1
126	Distributed Average Consensus in Digraphs. Lecture Notes in Control and Information Sciences, 2015, 3	75 & §2	
126 125	Distributed Average Consensus in Digraphs. <i>Lecture Notes in Control and Information Sciences</i> , 2015 , 3 ⁻¹ Finite-Time Approximate Consensus and Its Application to Distributed Frequency Regulation in Islanded AC Microgrids 2015 ,	75ഏ§2	19
	Finite-Time Approximate Consensus and Its Application to Distributed Frequency Regulation in	75 ⋳§ 2 2.4	19
	Finite-Time Approximate Consensus and Its Application to Distributed Frequency Regulation in Islanded AC Microgrids 2015 ,		
125 124	Finite-Time Approximate Consensus and Its Application to Distributed Frequency Regulation in Islanded AC Microgrids 2015 , Detectability in stochastic discrete event systems. <i>Systems and Control Letters</i> , 2015 , 84, 21-26 Fault model identification and synthesis in Petri nets. <i>Discrete Event Dynamic Systems: Theory and</i>	2.4	23
125 124 123	Finite-Time Approximate Consensus and Its Application to Distributed Frequency Regulation in Islanded AC Microgrids 2015, Detectability in stochastic discrete event systems. Systems and Control Letters, 2015, 84, 21-26 Fault model identification and synthesis in Petri nets. Discrete Event Dynamic Systems: Theory and Applications, 2015, 25, 419-440 Probabilistic Marking Estimation in Labeled Petri Nets. IEEE Transactions on Automatic Control,	2.4	23
125 124 123	Finite-Time Approximate Consensus and Its Application to Distributed Frequency Regulation in Islanded AC Microgrids 2015, Detectability in stochastic discrete event systems. Systems and Control Letters, 2015, 84, 21-26 Fault model identification and synthesis in Petri nets. Discrete Event Dynamic Systems: Theory and Applications, 2015, 25, 419-440 Probabilistic Marking Estimation in Labeled Petri Nets. IEEE Transactions on Automatic Control, 2015, 60, 528-533	2.4 1 5.9	23 23 18
125 124 123 122	Finite-Time Approximate Consensus and Its Application to Distributed Frequency Regulation in Islanded AC Microgrids 2015, Detectability in stochastic discrete event systems. Systems and Control Letters, 2015, 84, 21-26 Fault model identification and synthesis in Petri nets. Discrete Event Dynamic Systems: Theory and Applications, 2015, 25, 419-440 Probabilistic Marking Estimation in Labeled Petri Nets. IEEE Transactions on Automatic Control, 2015, 60, 528-533 . IEEE Transactions on Control of Network Systems, 2015, 2, 370-381 Distributed diagnosis using predetermined synchronization strategies in the presence of	2.4 1 5.9	23 23 18

117	Average Consensus in the Presence of Delays in Directed Graph Topologies. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 763-768	5.9	75
116	Distributed stopping for average consensus in directed graphs via a randomized event-triggered strategy 2014 ,		9
115	Supervisor synthesis for discrete event systems under partial observation and arbitrary forbidden state specifications. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2014 , 24, 275-307	1	16
114	. IEEE Transactions on Control of Network Systems, 2014 , 1, 190-201	4	35
113	Detectability in Stochastic Discrete Event Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 27-32		3
112	Hidden Markov Model Classification based on Empirical Frequencies of Observed Symbols. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 7-12		2
111	Approximation of Markov processes by lower dimensional processes 2014,		1
110	2014,		1
109	Initial marking estimation in labeled Petri nets in a probabilistic setting 2014,		4
108	Average consensus in the presence of dynamically changing directed topologies and time delays 2014 ,		3
107	Distributed diagnosis using predetermined synchronization strategies 2014,		7
106	Distributed minimum-time weight balancing over digraphs 2014 ,		1
105	Distributed stopping for average consensus using double linear iterative strategies 2014,		5
104	Verification of initial-state opacity in security applications of discrete event systems. <i>Information Sciences</i> , 2013 , 246, 115-132	7.7	88
103	. IEEE Transactions on Power Systems, 2013 , 28, 1470-1482	7	187
102	Distributed Matrix Scaling and Application to Average Consensus in Directed Graphs. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 667-681	5.9	47
101	Structural Controllability and Observability of Linear Systems Over Finite Fields With Applications to Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 60-73	5.9	55
100	Decentralised minimum-time average consensus in digraphs 2013,		4

99	Marking Observer of Labeled Petri Nets with Uncertainty in the Initial Marking 2013,		4
98	Intersection based decentralized diagnosis: Implementation and verification 2013,		7
97	Probabilistic marking estimation in labeled Petri nets 2013 ,		4
96	. IEEE Transactions on Automatic Control, 2013 , 58, 198-203	5.9	24
95	Distributed balancing of a digraph with integer weights 2013,		5
94	Distributed stopping in average consensus via event-triggered strategies 2013,		8
93	2013,		66
92	Distributed formation of balanced and bistochastic weighted digraphs in multi-agent systems 2013,		2
91	Distributed strategies for balancing a weighted digraph 2012,		18
90	2012,		26
89	Verification of Infinite-Step Opacity and Complexity Considerations. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 1265-1269	5.9	71
89 88		5.9	7 ¹
	Control, 2012 , 57, 1265-1269		
88	Control, 2012, 57, 1265-1269 . IEEE Transactions on Automatic Control, 2012, 57, 1155-1165 Resilient Networked Control of Distributed Energy Resources. IEEE Journal on Selected Areas in	5.9	63
88 8 ₇	Control, 2012, 57, 1265-1269 . IEEE Transactions on Automatic Control, 2012, 57, 1155-1165 Resilient Networked Control of Distributed Energy Resources. IEEE Journal on Selected Areas in Communications, 2012, 30, 1137-1148 Three-DOF dynamic model with lubricant contact for thermal fly-height control nanotechnology.	5.9	63 57
88 87 86	Control, 2012, 57, 1265-1269 IEEE Transactions on Automatic Control, 2012, 57, 1155-1165 Resilient Networked Control of Distributed Energy Resources. IEEE Journal on Selected Areas in Communications, 2012, 30, 1137-1148 Three-DOF dynamic model with lubricant contact for thermal fly-height control nanotechnology. Journal Physics D: Applied Physics, 2012, 45, 135402	5.9	63577
88 87 86 85	Control, 2012, 57, 1265-1269 . IEEE Transactions on Automatic Control, 2012, 57, 1155-1165 Resilient Networked Control of Distributed Energy Resources. IEEE Journal on Selected Areas in Communications, 2012, 30, 1137-1148 Three-DOF dynamic model with lubricant contact for thermal fly-height control nanotechnology. Journal Physics D: Applied Physics, 2012, 45, 135402 Resilient average consensus in the presence of heterogeneous packet dropping links 2012,	5.9	635778

81	Distributed algorithms for control of demand response and distributed energy resources 2011,		45
80	. IEEE Transactions on Automation Science and Engineering, 2011 , 8, 394-403	4.9	24
79	. IEEE Transactions on Industrial Electronics, 2011 , 58, 4613-4623	8.9	102
78	. IEEE Transactions on Automatic Control, 2011 , 56, 1495-1508	5.9	279
77	Convergence of Belief Propagation Algorithms on Binary Pairwise Gibbs Random Fields. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 4161-4166		
76	Optimal Encoders Maximizing Directed Information of Channels with Memory and Feedback: Stochastic Control and Dynamic Programming. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 6598-6603		
75	Coverage analysis of mobile agent trajectory via state-based opacity formulations. <i>Control Engineering Practice</i> , 2011 , 19, 967-977	3.9	18
74	Verification of \$K\$-Step Opacity and Analysis of Its Complexity. <i>IEEE Transactions on Automation Science and Engineering</i> , 2011 , 8, 549-559	4.9	74
73	2011,		1
72	Small inverter-interfaced distributed energy resources for reactive power support 2011 ,		11
71	Control of distributed energy resources for reactive power support 2011,		12
70	Robust implementation of distributed algorithms for control of distributed energy resources 2011 ,		9
69	Asynchronous coordination of distributed energy resources for the provisioning of ancillary services 2011 ,		10
68	Distributed strategies for average consensus in directed graphs 2011 ,		36
67	A novel 3-d model for node and system trust 2011 ,		1
66	Optimal encoder and control strategies in stochastic control subject to rate constraints for channels with memory and feedback 2011 ,		4
65	Least-cost planning sequence estimation in labelled Petri nets. <i>Transactions of the Institute of Measurement and Control</i> , 2011 , 33, 317-331	1.8	5
64	Bounds on the probability of misclassification among hidden Markov models 2011 ,		7

(2009-2010)

63	Capacity of channels with memory and feedback: Encoder properties and dynamic programming 2010 ,		1
62	Control of quantized multi-agent systems with linear nearest neighbor rules: A finite field approach 2010 ,		2
61	The wireless control network: Monitoring for malicious behavior 2010,		45
60	Supervisory control strategies for enhancing system security and privacy 2010 ,		2
59	Sensor Selection for Structural Observability in Discrete Event Systems Modeled by Petri Nets. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 1751-1764	5.9	26
58	Coordination and Control of Distributed Energy Resources for Provision of Ancillary Services 2010 ,		62
57	Dynamical Models in Fault-Tolerant Operation and Control of Energy Processing Systems 2010 , 15-45		
56	Opacity verification in stochastic discrete event systems 2010 ,		11
55	Reduced-Complexity Verification for Initial-State Opacity in Modular Discrete Event Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 78-83		8
54	Algorithmic design of perfectly reconstructing equalisers. <i>International Journal of Systems, Control and Communications</i> , 2010 , 2, 238	0.5	
54		0.5	30
	and Communications, 2010, 2, 238 Bounds on the Number of Markings Consistent With Label Observations in Petri Nets. <i>IEEE</i>		30
53	and Communications, 2010 , 2, 238 Bounds on the Number of Markings Consistent With Label Observations in Petri Nets. <i>IEEE Transactions on Automation Science and Engineering</i> , 2009 , 6, 334-344		
53 52	and Communications, 2010, 2, 238 Bounds on the Number of Markings Consistent With Label Observations in Petri Nets. IEEE Transactions on Automation Science and Engineering, 2009, 6, 334-344 2009,		3
53 52 51	Bounds on the Number of Markings Consistent With Label Observations in Petri Nets. <i>IEEE Transactions on Automation Science and Engineering</i> , 2009 , 6, 334-344 2009 , Information dissemination in networks via linear iterative strategies over finite fields 2009 , Fault Diagnosis in Discrete Event Systems Modeled by Partially Observed Petri Nets. <i>Discrete Event</i>	4.9	3
53 52 51 50	Bounds on the Number of Markings Consistent With Label Observations in Petri Nets. <i>IEEE Transactions on Automation Science and Engineering</i> , 2009 , 6, 334-344 2009 , Information dissemination in networks via linear iterative strategies over finite fields 2009 , Fault Diagnosis in Discrete Event Systems Modeled by Partially Observed Petri Nets. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2009 , 19, 551-575	4.9	3 86
53 52 51 50 49	Bounds on the Number of Markings Consistent With Label Observations in Petri Nets. <i>IEEE Transactions on Automation Science and Engineering</i> , 2009 , 6, 334-344 2009 , Information dissemination in networks via linear iterative strategies over finite fields 2009 , Fault Diagnosis in Discrete Event Systems Modeled by Partially Observed Petri Nets. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2009 , 19, 551-575 Verification of K-step opacity and analysis of its complexity 2009 ,	4.9	3 3 86 10

45	Verification of Infinite-Step Opacity and Analysis of its Complexity*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 46-51		11
44	. IEEE Transactions on Communications, 2008 , 56, 2050-2059	6.9	5
43	. IEEE Transactions on Information Forensics and Security, 2008 , 3, 370-380	8	2
42	. IEEE Transactions on Signal Processing, 2008 , 56, 1043-1054	4.8	12
41	. IEEE Journal on Selected Areas in Communications, 2008 , 26, 596-608	14.2	О
40	. IEEE Journal on Selected Areas in Communications, 2008 , 26, 650-660	14.2	96
39	Verification of initial-state opacity in security applications of DES 2008,		44
38	Fault model identification with Petri nets 2008,		5
37	Opacity-enforcing supervisory strategies for secure discrete event systems 2008,		21
36	Distributed calculation of linear functions in noisy networks via linear iterations 2008,		2
35	Probability of error bounds for failure diagnosis and classification in hidden Markov models 2008,		8
34	2008,		6
33	2008,		32
32	Distributed function calculation via linear iterations in the presence of malicious agents IPart II: Overcoming malicious behavior 2008 ,		21
31	Bounds on FSM Switching Activity. <i>Journal of Signal Processing Systems</i> , 2008 , 53, 411-418	1.4	
30	Partial state observers for linear systems with unknown inputs. <i>Automatica</i> , 2008 , 44, 3126-3132	5.7	26
29	Feedback control over packet dropping network links 2007,		2
28	Fault-Tolerant Supervisory Control of Discrete Event Systems Modeled by Bounded Petri Nets. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	5

(2006-2007)

27	Delayed Observers for Linear Systems With Unknown Inputs. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 334-339	5.9	83
26	. IEEE Transactions on Signal Processing, 2007 , 55, 4444-4457	4.8	5
25	Soft-Decision Decoding of Linear Block Codes Using Preprocessing and Diversification. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 378-393	2.8	16
24	Soft-Decision Decoding Using Ordered Recodings on the Most Reliable Basis. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 829-836	2.8	30
23	Distributed Consensus and Linear Functional Calculation in Networks: An Observability Perspective 2007 ,		6
22	Distributed consensus and linear functional calculation in networks 2007,		10
21	Finite-Time Distributed Consensus in Graphs with Time-Invariant Topologies. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	62
20	Approximating optimal place sensor selection for structural observability in discrete event systems modeled by Petri Nets 2007 ,		1
19	Notions of security and opacity in discrete event systems 2007,		114
18	OPTIMAL SENSOR SELECTION FOR STRUCTURAL OBSERVABILITY IN DISCRETE EVENT SYSTEMS MODELED BY PETRI NETS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 223-228		1
17	Max-product algorithms for the generalized multiple-fault diagnosis problem. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007 , 37, 1607-21		6
16	Least-Cost Transition Firing Sequence Estimation in Labeled Petri Nets 2006,		10
15	Optimal State Estimators for Linear Systems with Unknown Inputs 2006 ,		7
14	State Estimation in Discrete Event Systems Modeled by Labeled Petri Nets 2006,		14
13	Graphical Inference Methods for Fault Diagnosis based on Information from Unreliable Sensors 2006 ,		4
12	Comments on "A modified reachability tree approach to analysis of unbounded Petri nets". <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2006 , 36, 1210		18
11	Designing Stable Inverters and State Observers for Switched Linear Systems with Unknown Inputs 2006 ,		19
10	Model-Based Fault Detection in Power Systems 2006,		2

9	Error detection and correction in switched linear controllers via periodic and non-concurrent checks. <i>Automatica</i> , 2006 , 42, 383-391	5.7	1	
8	Algebraic approaches for fault identification in discrete-event systems. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 2048-2055	5.9	56	
7	Probabilistic approaches to fault detection in networked discrete event systems. <i>IEEE Transactions on Neural Networks</i> , 2005 , 16, 1042-52		20	
6	Periodic and non-concurrent error detection and identification in one-hot encoded FSMs. <i>Automatica</i> , 2004 , 40, 1665-1676	5.7	1	
5	On solving composite power polynomial equations. <i>Mathematics of Computation</i> , 2004 , 74, 853-869	1.6	10	
4	Fault-tolerant computation in groups and semigroups: applications to automata, dynamic systems and Petri nets. <i>Journal of the Franklin Institute</i> , 2002 , 339, 387-430	4	8	
3	Coding Approaches to Fault Tolerance in Combinational and Dynamic Systems 2002,		20	
2	Monitoring Discrete Event Systems Using Petri Net Embeddings. <i>Lecture Notes in Computer Science</i> , 1999 , 188-207	0.9	43	
1	Probabilistic state estimation for labeled continuous time Markov models with applications to attack detection. <i>Discrete Event Dynamic Systems: Theory and Applications</i> ,1	1	1	