Toshimitsu Ushio

List of Publications by Year
in descending order

158
papers	1,047
citations	516215
16
h-index	552369
26
g-index
160
all docs	160
docs citations	160
times ranked	485
citing authors

#	Article	IF	Citations
1	Prediction-based control of chaos. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 264, 30-35.	0.9	91
2	Chaotic synchronization and controlling chaos based on contraction mappings. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 198, 14-22.	0.9	63
3	Controlling chaos in a switched arrival system. Systems and Control Letters, 1995, 26, 335-339.	1.3	47
4	Verification of Codiagnosability for Discrete Event Systems Modeled by Mealy Automata With Nondeterministic Output Functions. IEEE Transactions on Automatic Control, 2012, 57, 798-804.	3.6	46
5	Effective computation of an Lm(G)-closed, controllable, and observable sublanguage arising in supervisory control. Systems and Control Letters, 2003, 49, 191-200.	1.3	44
6	Delayed feedback control with nonlinear estimation in chaotic discrete-time systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 247, 112-118.	0.9	37
7	Adaptive Resource Allocation Control for Fair QoS Management. IEEE Transactions on Computers, 2007, 56, 344-357.	2.4	35
8	Chaos in non-linear sampled-data control systems. International Journal of Control, 1983, 38, 1023-1033.	1.2	34
9	STABILIZATION OF UNSTABLE PERIODIC ORBITS OF CHAOTIC DISCRETE-TIME SYSTEMS USING PREDICTION-BASED FEEDBACK CONTROL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 439-446.	0.7	29
10	Chaotic behavior in piecewise-linear sampled-data control systems. International Journal of Non-Linear Mechanics, 1985, 20, 493-506.	1.4	26
11	Decentralized state feedback control of discrete event systems. Systems and Control Letters, 1994, 22, 369-375.	1.3	22
12	Novel stability condition for delayed fractional-order composite systems based on vector Lyapunov function. Nonlinear Dynamics, 2020, 99, 1253-1267.	2.7	18
13	DELAYED FEEDBACK CONTROL WITH A MINIMAL-ORDER OBSERVER FOR STABILIZATION OF CHAOTIC DISCRETE-TIME SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 1047-1055.	0.7	17
14	A New Class of Supervisors for Timed Discrete Event Systems Under Partial Observation. Discrete Event Dynamic Systems: Theory and Applications, 2006, 16, 257-278.	0.6	17
15	Replicator Dynamics of Evolutionary Hypergames. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2007, 37, 132-138.	3.4	17
16	A modified normality condition for decentralized supervisory control of discrete event systems. Automatica, 2002, 38, 185-189.	3.0	16
17	Learning Self-Triggered Controllers With Gaussian Processes. IEEE Transactions on Cybernetics, 2021, 51, 6294-6304.	6.2	16
18	Replicator dynamics with Pigovian subsidy and capitation tax. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, e818-e826.	0.6	15

#	Article	IF	Citations
19	Supervisory control of discrete event systems modeled by Mealy automata with nondeterministic output functions. , 2009, , .		15
20	Subsidy-Based Control of Heterogeneous Multiagent Systems Modeled by Replicator Dynamics. IEEE Transactions on Automatic Control, 2016, 61, 3158-3163.	3.6	15
21	Reinforcement Learning of Control Policy for Linear Temporal Logic Specifications Using Limit-Deterministic Generalized Bü¼chi Automata. , 2020, 4, 761-766.		15
22	Chaos communication using unknown input observers. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi), 2001, 84, 21-27.	0.1	13
23	Maximally permissive mutually and globally nonblocking supervision with application to switching control. Automatica, 2005, 41, 1299-1312.	3.0	13
24	Dynamic Pinning Consensus Control of Multi-Agent Systems. , 2017, 1, 340-345.		13
25	Design of user-interface without automation surprises for discrete event systems. Control Engineering Practice, 2006, 14, 1249-1258.	3.2	11
26	The formulation of the control of an expression pattern in a gene network by propositional calculus. Journal of Theoretical Biology, 2006, 240, 443-450.	0.8	11
27	Deadlock-free output feedback controller design based on approximately abstracted observers. Nonlinear Analysis: Hybrid Systems, 2018, 30, 58-71.	2.1	11
28	Controllability and control-invariance in discrete-event systems. International Journal of Control, 1989, 50, 1507-1515.	1.2	9
29	Feedback logic for discrete event systems with arbitrary control patterns. International Journal of Control, 1990, 52, 159-174.	1.2	9
30	Optimal Arbitration of Control Tasks by Job Skipping in Cyber-Physical Systems. , 2011, , .		9
31	A Symbolic Approach to the Self-Triggered Design for Networked Control Systems. , 2019, 3, 1050-1055.		9
32	On-Line Permissive Supervisory Control of Discrete Event Systems for scLTL Specifications. , 2020, 4, 530-535.		9
33	Potential Game Theoretic Approach to Power-Aware Mobile Sensor Coverage Problem. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2011, E94-A, 929-936.	0.2	9
34	Decentralized control of chaos in nonlinear networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 198, 327-332.	0.9	8
35	A high-dimensional chaotic discrete-time neuron model and bursting phenomena. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 308, 41-46.	0.9	8
36	Control-invariance of hybrid systems with forcible events. Automatica, 2005, 41, 669-675.	3.0	8

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37	A Control Method of Dynamic Selfish Routing Based on a State-Dependent Tax. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2013, E96.A, 1794-1802.	0.2	8
38	Supervisory Control of a Class of Concurrent Discrete Event Systems Under Partial Observation. Discrete Event Dynamic Systems: Theory and Applications, 2005, 15, 7-32.	0.6	7
39	Self-Triggered Predictive Control with Time-Dependent Activation Costs of Mixed Logical Dynamical Systems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 476-483.	0.2	7
40	Learning an Optimal Control Policy for a Markov Decision Process Under Linear Temporal Logic Specifications. , 2015, , .		7
41	Supervisory Control of Partially Observed Quantitative Discrete Event Systems for Fixed-Initial-Credit Energy Problem. IEICE Transactions on Information and Systems, 2017, E100.D, 1166-1171.	0.4	7
42	Game-Theoretic Approach to a Decision-Making Problem for Blockchain Mining. , 2021, 5, 1783-1788.		7
43	Event-triggered control for mitigating SIS spreading processes. Annual Reviews in Control, 2021, 52, 479-494.	4.4	7
44	Attack Detection and Defense System Using an Unknown Input Observer for Cooperative Adaptive Cruise Control Systems. IEEE Access, 2021, 9, 148810-148820.	2.6	7
45	Simple example of digital control systems with chaotic rounding errors. International Journal of Control, 1987, 45, 17-31.	1.2	6
46	Observer-based Similarity Output Feedback Control of Cyber-Physical Systems**This work was supported by JSPS KAKENHI No. 15K14007.. IFAC-PapersOnLine, 2015, 48, 248-253.	0.5	6
47	Optimal Stabilizing Supervisor of Quantitative Discrete Event Systems under Partial Observation. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 475-482.	0.2	6
48	Optimal Stabilizing Controller for the Region of Weak Attraction under the Influence of Disturbances. IEICE Transactions on Information and Systems, 2016, E99.D, 1428-1435.	0.4	6
49	Supervisory Control of Communicating Timed Discrete Event Systems for State Avoidance Problem. , 2020, 4, 259-264.		6
50	A novel asymptotic stability condition for a delayed distributed order nonlinear composite system with uncertain fractional order. Journal of the Franklin Institute, 2022, 359, 10986-11006.	1.9	6
51	Application of a consensus problem to fair multi-resource allocation in real-time systems. , 2008, , .		5
52	Application of reinforcement learning to adaptive control of connected vehicles. Nonlinear Theory and Its Applications IEICE, 2019, 10, 443-454.	0.4	5
53	Evolutionarily and Neutrally Stable Strategies in Multicriteria Games. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2013, E96.A, 814-820.	0.2	5
54	Symbolic Design of Networked Control Systems with State Prediction. IEICE Transactions on Information and Systems, 2017, E100.D, 1158-1165.	0.4	5

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55	Output Feedback Controller Design with Symbolic Observers for Cyber-physical Systems. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 232, 37-51.	0.8	5
56	Application of deep reinforcement learning to networked control systems with uncertain network delays. Nonlinear Theory and Its Applications IEICE, 2020, 11, 480-500.	0.4	5
57	Cell simplex degeneracy, Liapunov function and stability of simple cell mapping systems. International Journal of Non-Linear Mechanics, 1986, 21, 183-195.	1.4	4
58	Chaos induced by the generalized Euler method. International Journal of Systems Science, 1986, 17, 669-678.	3.7	4
59	ANALYSIS OF APERIODIC OSCILLATIONS IN A FLOW MODEL OF A SWITCHING SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2003, 13, 981-994.	0.7	4
60	Detection of Automation Surprises in Discrete Event Systems Operated by Multiple Users. , 2006, , .		4
61	Nonlinear Phenomena in Hybrid Systems. Ieice Ess Fundamentals Review, 2007, 1, 41-50.	0.1	4
62	Symbolic control of systems with dead times using symbolic smith predictors. , 2016, , .		4
63	Decentralized Event-Triggered Control of Composite Systems Using M-Matrices. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 1156-1161.	0.2	4
64	Potential Game Based Distributed Control for Voronoi Coverage Problems with Obstacle Avoidance. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2012, E95.A, 1156-1163.	0.2	4
65	Controllable Firing Sequences in Event-Driven Systems. Transactions of the Society of Instrument and Control Engineers, 1988, 24, 156-161.	0.1	4
66	Abstraction-Based Control Under Quantized Observation With Approximate Opacity Using Symbolic Control Barrier Functions. , 2022, 6, 2222-2227.		4
67	Collaborative Rover-copter Path Planning and Exploration with Temporal Logic Specifications Based on Bayesian Update Under Uncertain Environments. ACM Transactions on Cyber-Physical Systems, 2022, 6, 1-24.	1.9	4
68	Controlling chaotic discrete-time systems via nonlinear feedback. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 T		3
69	Control of chaos in switched arrival systems withN buffers. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai) Tj ETQq1 1 0.784314 rgBT /Overlock 10		3
70	Decentralized diagnosis of discrete event systems modeled by Mealy automata with nondeterministic output functions. , 2010, , .		3
71	Voronoi coverage control with time-driven communication for mobile sensing networks with obstacles. , 2011, , .		3
72	RL-based optimal networked control considering network delay of discrete-time linear systems. , 2015, , .		3

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73	Prediction of limit cycles in nonlinear systems with reset controllers using describing function. , 2015, , .		3
74	Reset control of pressure-drop oscillations in boiling micro-channel systems. , 2016, , .		3
75	Dynamic event-triggered minimal-order observer for linear systems. , 2016, , .		3
76	A Bisimulation-Based Design of User Interface With Alerts Avoiding Automation Surprises. IEEE Transactions on Human-Machine Systems, 2016, 46, 317-323.	2.5	3
77	WiP Abstract: Detection of False Injection Attacks Based on LTL for Fallback Control. , 2020, , .		3
78	Co-scheduling of Communication and Control of Multi-Hop Control Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2013, E96.A, 878-885.	0.2	3
79	Optimal Digital Control with Uncertain Network Delay of Linear Systems Using Reinforcement Learning. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 454-461.	0.2	3
80	Hierarchical Control of Concurrent Discrete Event Systems with Linear Temporal Logic Specifications. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 313-321.	0.2	3
81	Control of Timed Discrete Event Systems with Ticked Linear Temporal Logic Constraints. IFAC-PapersOnLine, 2020, 53, 2143-2148.	0.5	3
82	Supervisory control using augmented languages in discrete event systems. Discrete Event Dynamic Systems: Theory and Applications, 1994, 4, 5-22.	0.6	2
83	A Packet Routing Method Based on a Hogg-Huberman Strategy. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 757-762.	0.4	2
84	Discrete-time Hogg-Huberman strategy with net bias. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi), 2000, 83, 31-37.	0.1	2
85	A control method of selfish routing based on replicator dynamics with capitation tax and subsidy. , 2009, , .		2
86	Effective Combination of Search Policy Based on Probability and Entropy for Heterogeneous Mobile Sensors. , 2013, , .		2
87	Distributed event-triggered output feedback control with cloud-assisted observer. , 2015, , .		2
88	On Stability of Consensus Control of Discrete-Time Multi-Agent Systems by Multiple Pinning Agents. , 2019, 3, 1038-1043.		2
89	Abstraction-Based Symbolic Control Barrier Functions for Safety-Critical Embedded Systems. , 2022, 6, 1436-1441.		2
90	Optimal Control of Timed Petri Nets Under Temporal Logic Constraints with Generalized Mutual Exclusion. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2022, E105.A, 808-815.	0.2	2

#	Article	IF	Citations
91	Adaptive Arbitration of Fair QoS Based Resource Allocation in Multi-Tier Computing Systems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 1678-1683.	0.2	2
92	Temperature-aware Frequency Assignment for MP-SoC using Potential Games. Transactions of the Institute of Systems Control and Information Engineers, 2013, 26, 147-155.	0.1	2
93	A mobile robot controller using reinforcement learning under scLTL specifications with uncertainties. Asian Journal of Control, 2022, 24, 2916-2930.	1.9	2
94	Chaotic Behavior in Pulse-Width Modulated Feedback Systems. Transactions of the Society of Instrument and Control Engineers, 1985, 21, 539-545.	0.1	1
95	Controllability of predicates and languages in discrete-event systems. International Journal of Systems Science, 1992, 23, 1777-1783.	3.7	1
96	Stabilization and blocking in state feedback control of discrete event systems. Discrete Event Dynamic Systems: Theory and Applications, 1995, 5, 33-57.	0.6	1
97	Maximally permissive controllers for controlled time petri nets. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai) Tj ETQq1 1 0.784314 gBT /Overlock 10		
98	Scrambling method using chaotic discrete-time systems. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi), 2000, 83, 38-43.	0.1	1
99	PID congestion control in ATM with propagation delay. Electronics and Communications in Japan, 2004, 87, 90-99.	0.1	1
100	Decentralized Supervisory Control of Discrete Event Systems Based on Reinforcement Learning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 367-372.	0.4	1
101	CONTROL-INVARIANCE OF SAMPLEDDATA HYBRID SYSTEMS WITH PERIODICALLY CLOCKED EVENTS AND JITTER. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 417-422.	0.4	1
102	CONTROL OF A CHAOTIC SWITCHED ARRIVAL SYSTEM WITH CONTROLLED INTERNAL CONNECTIONS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 701-707.	0.7	1
103	Capitation tax based control of multipopulation replicator dynamics under incomplete information. , 2012, , .		1
104	Poster Abstract: Design of Modified Observer to Reduce State Estimation Error Caused by Job Skipping in Cyber-Physical Systems. , 2012, , .		1
105	Game theoretic approach to the stabilization of heterogeneous multiagent systems using subsidy. , 2013, , .		1
106	Optimal directed control of discrete event systems with linear temporal logic constraints. , 2015, , .		1
107	SMT-based scheduling of distributed mediator for web service composition. , 2015, , .		1
108	Detection of Mode Confusion in Human-Machine System Model with Temporal Information on Operations.. IFAC-PapersOnLine, 2017, 50, 9374-9379.	0.5	1

#	Article	IF	Citations
109	Consensus Speed of Static Pinning Consensus Control of Multi-Agent Systems. , 2018, , .		1
110	Dynamic Pinning Consensus Control of Discrete-time Multi-agent Systems. , 2018, , .		1
111	Networked Control of Nonlinear Systems under Partial Observation Using Continuous Deep Q-Learning. , 2019, , .		1
112	Continuous deep Q-learning with a simulator for stabilization of uncertain discrete-time systems. Nonlinear Theory and Its Applications IEICE, 2021, 12, 738-757.	0.4	1
113	Deadlock-free Symbolic Smith Controllers Based on Prediction for Nondeterministic Systems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, , .	0.2	1
114	Modeling and Supervisory Control of Blockchain Forks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 474-475.	0.2	1
115	A Bayesian Optimization Approach to Decentralized Event-Triggered Control. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 447-454.	0.2	1
116	Stability analysis and control of decision-making of miners in blockchain. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, , .	0.2	1
117	Control-Invariance of Sampled-Data Hybrid Systems with Periodically Clocked Events and Jitter. , 2006, , 417-422.		1
118	Optimal Resource Allocation under Fair QoS in Multi-tier Server Systems. Transactions of the Institute of Systems Control and Information Engineers, 2010, 23, 39-45.	0.1	1
119	Supervisory Control of Discrete Event Systems Modeled by Mealy Automata with Nondeterministic Output Functions. Transactions of the Institute of Systems Control and Information Engineers, 2009, 22, 154-160.	0.1	1
120	Anti-jamming mobile control using QoS-based reinforcement learning. IEICE Communications Express, 2019, 8, 501-506.	0.2	1
121	Application of Deep Reinforcement Learning to Control Problems. The Brain & Neural Networks, 2019, 26, 135-144.	0.1	1
122	Finite-Memory Supervisory Control of Discrete Event Systems for LTL[F] Specifications. IEEE Transactions on Automatic Control, 2021, , 1-1.	3.6	1
123	Chaos in Piecewise-Linear Sampled-Data Control Systems. Transactions of the Society of Instrument and Control Engineers, 1984, 20, 486-491.	0.1	0
124	Synthesis of decentralized state feedbacks for large-scale discrete event systems. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
125	A packet routing method based on a Hogg-Huberman strategy. Electronics and Communications in Japan, 1999, 82, 16-23.	0.1	0
126	Chaos coding with memory using many chaotic discrete-time systems. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		

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127	Strong Co-Observability for Decentralized Supervisory Control of Discrete Event Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 127-132.	0.4	0
128	State feedback control of timed hybrid Petri nets. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi), 2003, 86, 1-7.	0.1	0
129	COMPUTATION OF CLOSED, CONTROLLABLE, AND WEAKLY OBSERVABLE SUBLANGUAGES FOR TIMED DISCRETE EVENT SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 139-144.	0.4	0
130	Nonlinear Elastic Task Model and its Application to Adaptive Fair Sharing Control. , 2006, , .		0
131	Asymptotic stabilization and synchronization of parametric LCR resonant circuit using the characteristics of its coefficients. Electrical Engineering in Japan (English Translation of Denki Gakkai) Tj ETQq1 1 0.784314 rgBT /Over		
132	Optimal Scheduling of Periodic Tasks in Soft Real-Time Systems Using Language Measure. , 2006, , .		0
133	Approximate finite-state feedback controller of hybrid systems. , 2007, , .		0
134	Power-aware optimization of CPU and frequency allocation based on fairness of QoS. Systems and Computers in Japan, 2007, 38, 37-45.	0.2	0
135	Adaptive fair resource management with an arbiter for multi-tier computing systems. , 2009, , .		0
136	Optimal Configuration for Multiversion Real-Time Systems Using Slack Based Schedulability. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 2709-2716.	0.2	0
137	Adaptive Assignment of Deadline and Clock Frequency in Real-Time Embedded Control Systems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 323-330.	0.2	0
138	Development of parallel linked quadrotor for increment of flight freedom, attitude control and improvement of transient response. Transactions of the JSME (in Japanese), 2017, 83, 17-00207-17-00207.	0.1	0
139	Receding horizon control with iLQG method considering computational delay and its application to nonholonomic systems. , 2017, , .		0
140	On-Line Supervisory Control for Surveillance under Partial Observation with scLTL Specifications. , 2020, , .		0
141	Hopf Bifurcations of a Quadrotor with a Tilting Frame. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 632-635.	0.2	0
142	Game-theoretic Approach to a Decision-making Problem for Blockchain Mining. , 2021, , .		0
143	Asymptotic Stabilization and Synchronization of Parametric LCR Resonant Circuit using Characteristics of its Coefficients. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 1141-1147.	0.1	0
144	Diagnosis of Discrete Event Systems Modeled by Mealy Automata with Nondeterministic Output Functions. Transactions of the Institute of Systems Control and Information Engineers, 2010, 23, 128-135.	0.1	0

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145	Several Properties of State Feedbacks in Discrete Event Systems. Transactions of the Society of Instrument and Control Engineers, 1989, 25, 552-557.	0.1	0
146	Computation of the Supremal Controllable Sublanguage Using an Augmented Language. Transactions of the Society of Instrument and Control Engineers, 1992, 28, 872-878.	0.1	0
147	Command-Based Supervisory Control of Discrete Event Systems. Transactions of the Society of Instrument and Control Engineers, 1996, 32, 429-431.	0.1	0
148	Fault Diagnosis in Discrete Event Systems via State and Event Observations. Transactions of the Society of Instrument and Control Engineers, 1996, 32, 750-757.	0.1	0
149	Chaos and Robots. Control of Chaos.. Journal of the Robotics Society of Japan, 1997, 15, 1114-1117.	0.0	0
150	Looking Back on My Research on Systems Engineering for 40 Years. Ieice Ess Fundamentals Review, 2018, 11, 151-154.	0.1	0
151	Learning in Two-Player Matrix Games by Policy Gradient Lagging Anchor. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 708-711.	0.2	0
152	Effects of miners' location on blocks selection in blockchain. IEICE Communications Express, 2020, 9, 610-615.	0.2	0
153	On-Line Synthesis of Permissive Supervisors for Partially Observed Discrete Event Systems under scLTL Constraints. IFAC-PapersOnLine, 2020, 53, 2130-2136.	0.5	0
154	Design of Event-Triggered Controllers Using Gaussian Processes. Transactions of the Institute of Systems Control and Information Engineers, 2020, 33, 219-228.	0.1	0
155	Control of Discrete-Time Chaotic Systems with Policy-Based Deep Reinforcement Learning. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 885-892.	0.2	0
156	Hyper-Labeled Transition System and Its Application to Planning Under Linear Temporal Logic Constraints. , 2022, 6, 2437-2442.		0
157	Dynamics of miners' decision making under taxation in blockchain. Nonlinear Theory and Its Applications IEICE, 2022, 13, 233-238.	0.4	0
158	Learning-Based Bounded Synthesis for Semi-MDPs With LTL Specifications. , 2022, 6, 2557-2562.		0