Jian-quan Lu

List of Publications by Citations

259 papers	10,126 citations	57 h-index	93 g-index
287 ext. papers	12,129 ext. citations	4.6 avg, IF	7.23 L-index

#	Paper	IF	Citations
259	A unified synchronization criterion for impulsive dynamical networks. *Automatica*, **2010**, 46, 1215-1221	5.7	584
258	Synchronization control for nonlinear stochastic dynamical networks: pinning impulsive strategy. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 285-92	10.3	318
257	Exponential synchronization of linearly coupled neural networks with impulsive disturbances. *IEEE Transactions on Neural Networks*, **2011**, 22, 329-36		297
256	Adaptive synchronization of neural networks with or without time-varying delay. *Chaos*, **2006**, 16, 013133	3.3	257
255	Stochastic Synchronization of Complex Networks With Nonidentical Nodes Via Hybrid Adaptive and Impulsive Control. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2012**, 59, 371-384	3.9	193
254	Finite-Time Synchronization of Coupled Networks With Markovian Topology and Impulsive Effects. *IEEE Transactions on Automatic Control*, **2016**, 61, 2256-2261	5.9	186
253	Finite-Time Cluster Synchronization of T–S Fuzzy Complex Networks With Discontinuous Subsystems and Random Coupling Delays. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 2302-2316	8.3	174
252	Globally exponential synchronization and synchronizability for general dynamical networks. *IEEE Transactions on Systems, Man, and Cybernetics*, **2010**, 40, 350-61		165
251	Pinning stabilization of linearly coupled stochastic neural networks via minimum number of controllers. *IEEE Transactions on Neural Networks*, **2009**, 20, 1617-29		158
250	PINNING IMPULSIVE STABILIZATION OF NONLINEAR DYNAMICAL NETWORKS WITH TIME-VARYING DELAY. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2012**, 22, 1250176	2	158
249	On Pinning Controllability of Boolean Control Networks. *IEEE Transactions on Automatic Control*, **2016**, 61, 1658-1663	5.9	157
248	Synchronization of Randomly Coupled Neural Networks With Markovian Jumping and Time-Delay. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2013**, 60, 363-376	3.9	154
247	Adaptive complete synchronization of two identical or different chaotic (hyperchaotic) systems with fully unknown parameters. *Chaos*, **2005**, 15, 043901	3.3	151
246	Controllability of probabilistic Boolean control networks based on transition probability matrices. *Automatica*, **2015**, 52, 340-345	5.7	144
245	Survey on semi-tensor product method with its applications in logical networks and other finite-valued systems. *IET Control Theory and Applications*, **2017**, 11, 2040-2047	2.5	142
244	Synchronization in an array of output-coupled Boolean networks with time delay. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 2288-94	10.3	141
243	Outer synchronization of partially coupled dynamical networks via pinning impulsive controllers. *Journal of the Franklin Institute*, **2015**, 352, 5024-5041	4	134

242	On Controllability of Delayed Boolean Control Networks. *SIAM Journal on Control and Optimization*, **2016**, 54, 475-494	1.9	133
241	Synchronization of Markovian coupled neural networks with nonidentical node-delays and random coupling strengths. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 60-71	10.3	132
240	Global stability criteria for quaternion-valued neural networks with unbounded time-varying delays. *Information Sciences*, **2016**, 360, 273-288	7.7	132
239	Synchronization of delayed complex dynamical networks with impulsive and stochastic effects. *Nonlinear Analysis: Real World Applications*, **2011**, 12, 2252-2266	2.1	130
238	Consensus over directed static networks with arbitrary finite communication delays. *Physical Review E*, **2009**, 80, 066121	2.4	130
237	Single impulsive controller for globally exponential synchronization of dynamical networks. *Nonlinear Analysis: Real World Applications*, **2013**, 14, 581-593	2.1	121
236	Finite-Time Synchronization of Networks via Quantized Intermittent Pinning Control. *IEEE Transactions on Cybernetics*, **2018**, 48, 3021-3027	10.2	119
235	Synchronization-based approach for parameters identification in delayed chaotic neural networks. *Physica A: Statistical Mechanics and Its Applications*, **2007**, 382, 672-682	3.3	119
234	A Unified Approach to Practical Consensus with Quantized Data and Time Delay. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2013**, 60, 2668-2678	3.9	116
233	Adaptive Stabilization and Synchronization for Chaotic Lur'e Systems With Time-Varying Delay. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2008**, 55, 1347-1356	3.9	116
232	Global exponential stability for quaternion-valued recurrent neural networks with time-varying delays. *Nonlinear Dynamics*, **2017**, 87, 553-565	5	114
231	Exponential stabilization of switched stochastic dynamical networks. *Nonlinearity*, **2009**, 22, 889-911	1.7	110
230	Pinning cluster synchronization in an array of coupled neural networks under event-based mechanism. *Neural Networks*, **2016**, 76, 1-12	9.1	109
229	Adaptive synchronization of uncertain dynamical networks with delayed coupling. *Nonlinear Dynamics*, **2008**, 53, 107-115	5	109
228	Synchronization of Coupled Markovian Reaction-Diffusion Neural Networks With Proportional Delays Via Quantized Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 951-958	10.3	105
227	Pinning distributed synchronization of stochastic dynamical networks: a mixed optimization approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 1804-15	10.3	105
226	Stability Analysis of Quaternion-Valued Neural Networks: Decomposition and Direct Approaches. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4201-4211	10.3	100
225	Pinning Control for the Disturbance Decoupling Problem of Boolean Networks. *IEEE Transactions on Automatic Control*, **2017**, 62, 6595-6601	5.9	100

224	Stabilization of Boolean Control Networks Under Aperiodic Sampled-Data Control. *SIAM Journal on Control and Optimization*, **2018**, 56, 4385-4404	1.9	96
223	Feedback Controller Design for the Synchronization of Boolean Control Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 1991-6	10.3	92
222	. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 1274-1285	8.3	90
221	Global stability of Clifford-valued recurrent neural networks with time delays. *Nonlinear Dynamics*, **2016**, 84, 767-777	5	88
220	Synchronization of uncertain hybrid switching and impulsive complex networks. *Applied Mathematical Modelling*, **2018**, 59, 379-392	4.5	80
219	Outer synchronization between two nonidentical networks with circumstance noise. *Physica A: Statistical Mechanics and Its Applications*, **2010**, 389, 1480-1488	3.3	80
218	Leader-following consensus of non-linear multi-agent systems with jointly connected topology. *IET Control Theory and Applications*, **2014**, 8, 432-440	2.5	75
217	. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2012**, 59, 820-832	3.9	75
216	Set Stability and Stabilization of Switched Boolean Networks With State-Based Switching. *IEEE Access*, **2018**, 6, 35624-35630	3.5	74
215	Local and global synchronization in general complex dynamical networks with delay coupling?. *Chaos, Solitons and Fractals*, **2008**, 37, 1497-1510	9.3	74
214	Controllability and Synchronization Analysis of Identical-Hierarchy Mixed-Valued Logical Control Networks. *IEEE Transactions on Cybernetics*, **2017**, 47, 3482-3493	10.2	69
213	Pinning Synchronization of Nonlinear Coupled Lur□ Networks Under Hybrid Impulses. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2019**, 66, 432-436	3.5	65
212	Some necessary and sufficient conditions for the output controllability of temporal Boolean control networks. *ESAIM - Control, Optimisation and Calculus of Variations*, **2014**, 20, 158-173	1	63
211	Globally exponential synchronization in an array of asymmetric coupled neural networks. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 369, 444-451	2.3	62
210	A New Fuzzy Impulsive Control of Chaotic Systems Based on T□ Fuzzy Model. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 393-398	8.3	61
209	Stabilization of probabilistic Boolean networks via pinning control strategy. *Information Sciences*, **2020**, 510, 205-217	7.7	61
208	On the Optimal Control of Boolean Control Networks. *SIAM Journal on Control and Optimization*, **2018**, 56, 1321-1341	1.9	60
207	Synchronization of Time-Delayed Complex Networks With Switching Topology Via Hybrid Actuator Fault and Impulsive Effects Control. *IEEE Transactions on Cybernetics*, **2020**, 50, 4043-4052	10.2	60

206	Synchronization of General Chaotic Neural Networks With Nonuniform Sampling and Packet Missing: A Switched System Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 523-533	10.3	59
205	Further Results on the Controllability of Boolean Control Networks. *IEEE Transactions on Automatic Control*, **2019**, 64, 440-442	5.9	59
204	Event-based network consensus with communication delays. *Nonlinear Dynamics*, **2017**, 87, 1847-1858	5	57
203	Stabilization of complex dynamical networks with noise disturbance under performance constraint. *Nonlinear Analysis: Real World Applications*, **2011**, 12, 1974-1984	2.1	57
202	Asymptotical Stability of Probabilistic Boolean Networks With State Delays. *IEEE Transactions on Automatic Control*, **2020**, 65, 1779-1784	5.9	56
201	Sampled-Data State Feedback Stabilization of Boolean Control Networks. *Neural Computation*, **2016**, 28, 778-99	2.9	55
200	Nonsingularity of Grain-like cascade FSRs via semi-tensor product. *Science China Information Sciences*, **2018**, 61, 1	3.4	53
199	Synchronization of coupled neural networks with random coupling strengths and mixed probabilistic time-varying delays. *International Journal of Robust and Nonlinear Control*, **2013**, 23, 2060-2081	3.6	53
198	Unified synchronization criteria in an array of coupled neural networks with hybrid impulses. *Neural Networks*, **2018**, 101, 25-32	9.1	51
197	The transformation between the Galois NLFSRs and the Fibonacci NLFSRs via semi-tensor product of matrices. *Automatica*, **2018**, 96, 393-397	5.7	50
196	PINNING IMPULSIVE SYNCHRONIZATION OF COMPLEX DYNAMICAL NETWORKS. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2012**, 22, 1250239	2	50
195	New results on global exponential stability for impulsive cellular neural networks with any bounded time-varying delays. *Mathematical and Computer Modelling*, **2012**, 55, 837-843		49
194	Synchronization Analysis of Master-Slave Probabilistic Boolean Networks. *Scientific Reports*, **2015**, 5, 13437	4.9	48
193	Constrained Quaternion-Variable Convex Optimization: A Quaternion-Valued Recurrent Neural Network Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 1022-1035	10.3	48
192	Bipartite consensus for multi-agent systems with antagonistic interactions and communication delays. *Physica A: Statistical Mechanics and Its Applications*, **2018**, 495, 488-497	3.3	47
191	Adaptive synchronization in tree-like dynamical networks. *Nonlinear Analysis: Real World Applications*, **2007**, 8, 1252-1260	2.1	45
190	Observability of Boolean control networks. *Science China Information Sciences*, **2018**, 61, 1	3.4	45
189	Event-Triggered Sliding Mode Control for Attitude Stabilization of a Rigid Spacecraft. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 3290-3299	7.3	44

188	Stability and Stabilization in Probability of Probabilistic Boolean Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 241-251	10.3	44
187	SYNCHRONIZATION IN AN ARRAY OF NONLINEARLY COUPLED CHAOTIC NEURAL NETWORKS WITH DELAY COUPLING. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2008**, 18, 3101-3111	2	43
186	Partial Synchronization of Interconnected Boolean Networks. *IEEE Transactions on Cybernetics*, **2017**, 47, 258-266	10.2	42
185	Sampled-Data Control for the Synchronization of Boolean Control Networks. *IEEE Transactions on Cybernetics*, **2019**, 49, 726-732	10.2	42
184	Global robust stability and stabilization of Boolean network with disturbances. *Automatica*, **2017**, 84, 142-148	5.7	41
183	Robust Control Invariance of Probabilistic Boolean Control Networks via Event-Triggered Control. *IEEE Access*, **2018**, 6, 37767-37774	3.5	40
182	A new protocol for finite-time consensus of detail-balanced multi-agent networks. *Chaos*, **2012**, 22, 043134	3.3	39
181	Short-Term Traffic Flow Prediction Based on Least Square Support Vector Machine with Hybrid Optimization Algorithm. *Neural Processing Letters*, **2019**, 50, 2305-2322	2.4	35
180	Exponential synchronization of time-varying delayed complex-valued neural networks under hybrid impulsive controllers. *Neural Networks*, **2019**, 114, 157-163	9.1	35
179	Exponential Stability of Delayed Systems with Average-Delay Impulses. *SIAM Journal on Control and Optimization*, **2020**, 58, 3763-3784	1.9	35
178	Event-Based Synchronization of Heterogeneous Complex Networks Subject to Transmission Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2126-2134	7.3	34
177	Periodic Event-Triggered Adaptive Control for Attitude Stabilization Under Input Saturation. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 249-258	3.9	34
176	Synchronization of master–slave Boolean networks with impulsive effects: Necessary and sufficient criteria. *Neurocomputing*, **2014**, 143, 269-274	5.4	33
175	Consensus of signed networked multi-agent systems with nonlinear coupling and communication delays. *Applied Mathematics and Computation*, **2019**, 350, 153-162	2.7	33
174	Sampled-Data State Feedback Control for the Set Stabilization of Boolean Control Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 1580-1589	7.3	33
173	Sampled-data stabilization of probabilistic Boolean control networks. *Systems and Control Letters*, **2019**, 124, 106-111	2.4	32
172	Static output feedback set stabilization for context-sensitive probabilistic Boolean control networks. *Applied Mathematics and Computation*, **2018**, 332, 263-275	2.7	32
171	Synchronization for the Realization-Dependent Probabilistic Boolean Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 819-831	10.3	32

170	Finite-Time Bipartite Consensus For Multiagent Systems Under Detail-Balanced Antagonistic Interactions. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 3867-3875	7.3	31
169	Bipartite synchronization of Lur'e network under signed digraph. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 6087-6105	3.6	31
168	Synchronization of coupled neural networks under mixed impulsive effects: A novel delay inequality approach. *Neural Networks*, **2020**, 127, 38-46	9.1	30
167	Pinning Controllers for Activation Output Tracking of Boolean Network Under One-Bit Perturbation. *IEEE Transactions on Cybernetics*, **2019**, 49, 3398-3408	10.2	30
166	Fuzzy Complex Dynamical Networks and Its Synchronization. *IEEE Transactions on Cybernetics*, **2013**, 43, 648-59	10.2	30
165	Output Tracking of Boolean Control Networks Driven by Constant Reference Signal. *IEEE Access*, **2019**, 7, 112572-112577	3.5	29
164	The equivalence issue of two kinds of controllers in Boolean control networks. *Applied Mathematics and Computation*, **2018**, 321, 633-640	2.7	29
163	Synchronization-based passivity of partially coupled neural networks with event-triggered communication. *Neurocomputing*, **2018**, 319, 134-143	5.4	28
162	A new class of fixed-time bipartite consensus protocols for multi-agent systems with antagonistic interactions. *Journal of the Franklin Institute*, **2018**, 355, 5256-5271	4	28
161	Delayed Feedback Control for Stabilization of Boolean Control Networks With State Delay. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3283-3288	10.3	27
160	Topology influences performance in the associative memory neural networks. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2006**, 354, 335-343	2.3	27
159	A new impulsive synchronization criterion for T□S fuzzy model and its applications. *Applied Mathematical Modelling*, **2013**, 37, 8826-8835	4.5	26
158	Event-triggered control for the synchronization of Boolean control networks. *Nonlinear Dynamics*, **2019**, 96, 1335-1344	5	25
157	Synchronization in output-coupled temporal Boolean networks. *Scientific Reports*, **2014**, 4, 6292	4.9	25
156	Synchronization in an array of coupled neural networks with delayed impulses: Average impulsive delay method. *Neural Networks*, **2020**, 121, 452-460	9.1	25
155	Steady-State Design of Large-Dimensional Boolean Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 1149-1161	10.3	25
154	Stability and L2-gain analysis for switched singular linear systems with jumps. *Mathematical Methods in the Applied Sciences*, **2017**, 40, 589-599	2.3	24
153	Stabilization and Finite-Time Stabilization of Probabilistic Boolean Control Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-8	7.3	24

152	Aperiodically intermittent control for synchronization of switched complex networks with unstable modes via matrix (varvec{omega })-measure approach. *Nonlinear Dynamics*, **2018**, 92, 1091-1102	5	24
151	A minimum-time control for Boolean control networks with impulsive disturbances. *Applied Mathematics and Computation*, **2016**, 273, 477-483	2.7	24
150	Semi-periodically intermittent control for synchronization of switched complex networks: a mode-dependent average dwell time approach. *Nonlinear Dynamics*, **2016**, 83, 1757-1771	5	24
149	A unified criterion for global exponential stability of quaternion-valued neural networks with hybrid impulses. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 8098-8116	3.6	24
148	A novel synthesis method for reliable feedback shift registers via Boolean networks. *Science China Information Sciences*, **2021**, 64, 1	3.4	24
147	Halanay-type inequality with delayed impulses and its applications. *Science China Information Sciences*, **2019**, 62, 1	3.4	23
146	Synchronization analysis of a complex network family. *Nonlinear Analysis: Real World Applications*, **2010**, 11, 1933-1945	2.1	23
145	Stabilization of evolutionary networked games with length-r information. *Applied Mathematics and Computation*, **2018**, 337, 442-451	2.7	22
144	A novel consensus algorithm for second-order multi-agent systems without velocity measurements. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 2510-2528	3.6	22
143	Partial-information-based synchronization analysis for complex dynamical networks. *Journal of the Franklin Institute*, **2015**, 352, 3458-3475	4	22
142	Adaptive bridge control strategy for opinion evolution on social networks. *Chaos*, **2011**, 21, 025116	3.3	22
141	Output tracking of probabilistic Boolean networks by output feedback control. *Information Sciences* , **2019**, 483, 96-105	7.7	22
140	Robust Output Tracking of Delayed Boolean Networks Under Pinning Control. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2018**, 65, 1249-1253	3.5	21
139	Intermittent control for finite-time synchronization of fractional-order complex networks. *Neural Networks*, **2021**, 144, 11-20	9.1	21
138	Sampled-data general partial synchronization of Boolean control networks. *Journal of the Franklin Institute*, **2020**, 359, 1-1	4	20
137	Bipartite formation problem of second-order nonlinear multi-agent systems with hybrid impulses. *Applied Mathematics and Computation*, **2020**, 370, 124926	2.7	20
136	Switching-signal-triggered pinning control for output tracking of switched Boolean networks. *IET Control Theory and Applications*, **2017**, 11, 2089-2096	2.5	19
135	Minimum-Time and Minimum-Triggering Control for the Observability of Stochastic Boolean Networks. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	19

134	Set stabilization of Boolean networks under pinning control strategy. *Neurocomputing*, **2017**, 260, 142-148	3.4	18
133	. *IEEE Transactions on Control of Network Systems*, **2020**, 7, 201-209	4	18
132	On Robust Synchronization of Drive-Response Boolean Control Networks with Disturbances. *Mathematical Problems in Engineering*, **2018**, 2018, 1-9	1.1	18
131	Partial synchronization in stochastic dynamical networks with switching communication channels. *Chaos*, **2012**, 22, 023108	3.3	17
130	Asymmetric bipartite consensus over directed networks with antagonistic interactions. *IET Control Theory and Applications*, **2018**, 12, 2295-2301	2.5	17
129	Synchronization of drive-response Boolean control networks with impulsive disturbances. *Applied Mathematics and Computation*, **2020**, 364, 124679	2.7	16
128	Input-to-State Stability of Impulsive Delay Systems With Multiple Impulses. *IEEE Transactions on Automatic Control*, **2021**, 66, 362-368	5.9	16
127	Output Feedback Control for Set Stabilization of Boolean Control Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 2129-2139	10.3	15
126	Some simple criteria for pinning a Lur'e network with directed topology. *IET Control Theory and Applications*, **2014**, 8, 131-138	2.5	14
125	Fast-Time Stability of Temporal Boolean Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 2285-2294	10.3	14
124	Necessary and Sufficient Conditions on Pinning Stabilization for Stochastic Boolean Networks. *IEEE Transactions on Cybernetics*, **2020**, 50, 4444-4453	10.2	14
123	Stability of switched systems with limiting average dwell time. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 5520-5532	3.6	13
122	Potential Impacts of Delay on Stability of Impulsive Control Systems. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	13
121	Induced-Equations-Based Stability Analysis and Stabilization of Markovian Jump Boolean Networks. *IEEE Transactions on Automatic Control*, **2021**, 66, 4820-4827	5.9	13
120	SYNCHRONIZATION CRITERIA FOR TWO BOOLEAN NETWORKS BASED ON LOGICAL CONTROL. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2013**, 23, 1350178	2	12
119	Pinning Stabilization of Probabilistic Boolean Networks With Time Delays. *IEEE Access*, **2020**, 8, 154050-154059	3.9	12
118	Some recent results of analysis and control for impulsive systems. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 80, 104862	3.7	12
117	Pinning Stabilization of Boolean Control Networks via a Minimum Number of Controllers. *IEEE Transactions on Cybernetics*, **2021**, 51, 373-381	10.2	12

116	Variable structure controller design for Boolean networks. *Neural Networks*, **2018**, 97, 107-115	9.1	11
115	Stabilization of Boolean control networks with stochastic impulses. *Journal of the Franklin Institute*, **2019**, 356, 7164-7182	4	11
114	Finite-Time Stability of Probabilistic Logical Networks: A Topological Sorting Approach. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 695-699	3.5	11
113	A Necessary and Sufficient Graphic Condition for the Original Disturbance Decoupling of Boolean Networks. *IEEE Transactions on Automatic Control*, **2021**, 66, 3765-3772	5.9	11
112	Bipartite asynchronous impulsive tracking consensus for multi-agent systems. *Frontiers of Information Technology and Electronic Engineering*,1	2.2	11
111	Stability and L2 -gain performance for non-linear switched impulsive systems. *IET Control Theory and Applications*, **2015**, 9, 300-307	2.5	10
110	Penalty Method for Constrained Distributed Quaternion-Variable Optimization. *IEEE Transactions on Cybernetics*, **2021**, 51, 5631-5636	10.2	10
109	Finding graph minimum stable set and core via semi-tensor product approach. *Neurocomputing*, **2016**, 174, 588-596	5.4	10
108	Stability analysis of totally positive switched linear systems with average dwell time switching. *Nonlinear Analysis: Hybrid Systems*, **2020**, 36, 100877	4.5	9
107	General synchronization criteria for nonlinear Markovian systems with random delays. *Journal of the Franklin Institute*, **2018**, 355, 1394-1410	4	9
106	Admissibility and static output-feedback stabilization of singular Markovian jump systems with defective statistics of modes transitions. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 588-609	3.6	9
105	Boolean-network-based approach for construction of filter generators. *Science China Information Sciences*, **2020**, 63, 1	3.4	9
104	Event-Triggered Sampled Feedback Synchronization in an Array of Output-Coupled Boolean Control Networks. *IEEE Transactions on Cybernetics*, **2021**, 51, 2278-2283	10.2	9
103	Pinning Control for Stabilization of Boolean Networks under Knock-out Perturbation. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	9
102	Almost periodic synchronization of quaternion-valued fuzzy cellular neural networks with leakage delays. *Fuzzy Sets and Systems*, **2021**,	3.7	9
101	Data-based controllability analysis of discrete-time linear time-delay systems. *International Journal of Systems Science*, **2014**, 45, 2411-2417	2.3	8
100	Switching-based stabilization of aperiodic sampled-data Boolean control networks with all subsystems unstable. *Frontiers of Information Technology and Electronic Engineering*, **2020**, 21, 260-267	2.2	8
99	Output Robustness of Probabilistic Boolean Control Networks With Respect to One-Bit Perturbation. *IEEE Transactions on Control of Network Systems*, **2020**, 7, 1769-1777	4	8

98	A consensus recovery approach to nonlinear multi-agent system under node failure. *Information Sciences*, **2016**, 367-368, 975-989	7.7	8
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96	Privacy-Preserving Consensus for Multi-Agent Systems via Node Decomposition Strategy. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 3474-3484	3.9	8
95	Finite-time Asymmetric Bipartite Consensus for Signed Networks of Dynamic Agents. *International Journal of Control, Automation and Systems*, **2019**, 17, 1041-1049	2.9	7
94	Normalization and Solvability of Dynamic-Algebraic Boolean Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3301-3306	10.3	7
93	Stability analysis of high-order Hopfield-type neural networks based on a new impulsive differential inequality. *International Journal of Applied Mathematics and Computer Science*, **2013**, 23, 201-211	1.7	7
92	Asymptotic Stability of Boolean Networks with Multiple Missing Data. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	7
91	A New Approach to Pinning Control of Boolean Networks. *IEEE Transactions on Control of Network Systems*, **2021**, 1-1	4	7
90	Stochastic resonance in genetic regulatory networks under L□y noise. *Europhysics Letters*, **2019**, 127, 50003	1.6	6
89	Synchronization of Heterogeneous Partially Coupled Networks with Heterogeneous Impulses. *Neural Processing Letters*, **2018**, 48, 557-575	2.4	6
88	Security Control of Multiagent Systems Under Denial-of-Service Attacks. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	6
87	Scaled consensus problem for multi-agent systems with semi-Markov switching topologies: A view from the probability. *Journal of the Franklin Institute*, **2021**, 358, 3150-3166	4	6
86	Controllability and Observability of Boolean Control Networks via Sampled-Data Control. *IEEE Transactions on Control of Network Systems*, **2019**, 6, 1291-1301	4	6
85	Effects of heterogeneous impulses on synchronization of complex-valued neural networks with mixed time-varying delays. *Information Sciences*, **2021**, 551, 228-244	7.7	6
84	Event-Triggered Impulsive Stabilization of Systems with External Disturbances. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	6
83	Emotional tendencies in online social networking: a statistical analysis. *Systems Science and Control Engineering*, **2016**, 4, 1-10	2	5
82	The Local Convergence of Boolean Networks With Disturbances. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2019**, 66, 667-671	3.5	5
81	Event-based discrete-time multi-agent consensus over signed digraphs with communication delays. *Journal of the Franklin Institute*, **2019**, 356, 11668-11689	4	5

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78	Consensus of Networked Multi-agent Systems with Delays and Fractional-Order Dynamics. *Understanding Complex Systems*, **2013**, 69-110	0.4	5
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76	Weighted-traffic-network-based geographic profiling for serial crime location prediction. *Europhysics Letters*, **2011**, 93, 68006	1.6	5
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