

Daizhan Cheng

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.

222
papers

9,414
citations

46
h-index

94
g-index

256
ext. papers

12,171
ext. citations

3.3
avg, IF

6.79
L-index

#	Paper	IF	Citations
222	Set Stabilization of Boolean Control Networks via Output-Feedback Controllers. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-10	7.3	1
221	Weighted and near weighted potential games with application to game theoretic control. <i>Automatica</i> , 2022 , 141, 110303	5.7	1
220	Invariant Subspace Approach to Boolean (Control) Networks. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	0
219	On Identification of Boolean Control Networks. <i>SIAM Journal on Control and Optimization</i> , 2022 , 60, 1591-1612	1.6	0
218	Perfect hypercomplex algebras: Semi-tensor product approach. <i>Mathematical Modelling and Control</i> , 2021 , 1, 177-187		0
217	A Comprehensive Survey on STP Approach to Finite Games. <i>Journal of Systems Science and Complexity</i> , 2021 , 34, 1666-1680	1	1
216	Matrix expression of finite Boolean-type algebras. <i>Applied Mathematics and Computation</i> , 2021 , 395, 125880	2.7	6
215	Optimization of multi-criteria facility-based systems via vector potential approach. <i>Journal of the Franklin Institute</i> , 2021 , 358, 4972-4993	4	1
214	Pinning Control of Boolean Networks via Injection Mode. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 749-756	4	2
213	Finite element approach to continuous potential games. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	0
212	Profile-dynamic based fictitious play. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	0
211	Criteria for Observability and Reconstructibility of Boolean Control Networks via Set Controllability. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1263-1267	3.5	4
210	Self-Triggered Scheduling for Boolean Control Networks. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	1
209	On numerical/non-numerical algebra: Semi-tensor product method. <i>Mathematical Modelling and Control</i> , 2021 , 1, 1-11		3
208	Directed Graph Clustering Algorithms, Topology, and Weak Links. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15	7.3	1
207	Neural Network-Based Model-Free Learning Approach for Approximate Optimal Control of Nonlinear Systems. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2021 , E104.A, 532-541	0.4	1
206	On adequate sets of multi-valued logic. <i>Journal of the Franklin Institute</i> , 2021 , 358, 6705-6722	4	1

205	Optimization via game theoretic control. <i>National Science Review</i> , 2020 , 7, 1120-1122	10.8	3
204	Equivalence-Based Model of Dimension-Varying Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 5444-5449	5.9	5
203	Model-Free Reinforcement Learning by Embedding an Auxiliary System for Optimal Control of Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	3
202	Generalised semi-tensor product of matrices. <i>IET Control Theory and Applications</i> , 2020 , 14, 85-95	2.5	3
201	A strategic learning algorithm for state-based games. <i>Automatica</i> , 2020 , 113, 108615	5.7	8
200	Completeness and normal form of multi-valued logical functions. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9871-9884	4	3
199	On coset weighted potential game. <i>Journal of the Franklin Institute</i> , 2020 , 357, 5523-5540	4	5
198	Stability and stabilisation of networked pairing problem via event-triggered control. <i>International Journal of Control</i> , 2020 , 1-9	1.5	1
197	Output Tracking of Boolean Control Networks. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 2730-2735	3.5	19
196	Matrix expression of Shapley values and its application to distributed resource allocation. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	4
195	Symmetry-based decomposition of finite games. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	6
194	Game Theoretic Control of Multiagent Systems. <i>SIAM Journal on Control and Optimization</i> , 2019 , 57, 1691-1709	1.3	13
193	Topologies on quotient space of matrices via semi-tensor product. <i>Asian Journal of Control</i> , 2019 , 21, 2614-2623	1.7	
192	On equivalence of matrices. <i>Asian Journal of Mathematics</i> , 2019 , 23, 257-348	0.5	14
191	Block Decoupling of Boolean Control Networks. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3129-3140	3.9	61
190	A new semi-tensor product of matrices. <i>Control Theory and Technology</i> , 2019 , 17, 4-12	1	0
189	Recent advances in optimization and game theoretic control for networked systems. <i>Asian Journal of Control</i> , 2019 , 21, 2493-2512	1.7	7
188	Verification and Dynamics of Group-Based Potential Games. <i>IEEE Transactions on Control of Network Systems</i> , 2019 , 6, 215-224	4	6

187	From STP to game-based control. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	20
186	Incomplete-profile potential games. <i>Journal of the Franklin Institute</i> , 2018 , 355, 862-877	4	6
185	Cooperative Control via Congestion Game Approach. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 4361-4366	5.9	8
184	Controllability of Boolean Networks via Mixed Controls 2018 , 2, 254-259		24
183	Observability of Boolean networks via set controllability approach. <i>Systems and Control Letters</i> , 2018 , 115, 22-25	2.4	51
182	On skew-symmetric games. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3196-3220	4	6
181	Partition-Based Solutions of Static Logical Networks With Applications. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1252-1262	10.3	14
180	Observability of Finite Labeled Transition Systems. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1591-1602	5.9	7
179	Incomplete Logical Control System and its Application to Some Intellectual Problems. <i>Asian Journal of Control</i> , 2018 , 20, 697-706	1.7	8
178	Linear System on Dimension-Varying State Space 2018 ,		5
177	From Boolean game to potential game. <i>Automatica</i> , 2018 , 96, 51-60	5.7	13
176	Stability and stabilization of a class of finite evolutionary games. <i>Journal of the Franklin Institute</i> , 2017 , 354, 1603-1617	4	16
175	From weighted potential game to weighted harmonic game. <i>IET Control Theory and Applications</i> , 2017 , 11, 2161-2169	2.5	21
174	Morgan's problem of Boolean control networks. <i>Control Theory and Technology</i> , 2017 , 15, 316-326	1	5
173	Dynamics and stability of potential hyper-networked evolutionary games. <i>International Journal of Automation and Computing</i> , 2017 , 14, 229-238	3.5	4
172	Linear representation of symmetric games. <i>IET Control Theory and Applications</i> , 2017 , 11, 3278-3287	2.5	7
171	. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3651-3656	5.9	26
170	Control of Large-Scale Boolean Networks via Network Aggregation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1527-36	10.3	42

169	Dynamics and stability for a class of evolutionary games with time delays in strategies. <i>Science China Information Sciences</i> , 2016 , 59, 1	3.4	11
168	Vector space structure of finite evolutionary games and its application to strategy profile convergence. <i>Journal of Systems Science and Complexity</i> , 2016 , 29, 602-628	1	5
167	A note on observability of Boolean control networks. <i>Systems and Control Letters</i> , 2016 , 87, 76-82	2.4	62
166	A Survey on Logical Control Systems. <i>Unmanned Systems</i> , 2016 , 04, 97-116	3	5
165	A survey on potential evolutionary game and its applications. <i>Journal of Control and Decision</i> , 2015 , 2, 26-45	0.9	3
164	Nonsingularity of feedback shift registers. <i>Automatica</i> , 2015 , 55, 247-253	5.7	27
163	Receding Horizon Based Feedback Optimization for Mix-Valued Logical Networks. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 3362-3366	5.9	39
162	Modeling, Analysis and Control of Networked Evolutionary Games. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2402-2415	5.9	153
161	A survey on cross-discipline of control and game. <i>Control Theory and Technology</i> , 2015 , 13, 287-296	1	1
160	Dynamics and stability of potential hyper-networked evolutionary games 2015 ,		2
159	Dynamics and stability of evolutionary games with time-invariant delay in strategies 2015 ,		3
158	Evolutionarily Stable Strategy of Networked Evolutionary Games. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1335-1345	10.3	43
157	Disturbance decoupling control design for switched Boolean control networks. <i>Systems and Control Letters</i> , 2014 , 72, 1-6	2.4	39
156	Semi-tensor product approach to networked evolutionary games. <i>Control Theory and Technology</i> , 2014 , 12, 198-214	1	17
155	On finite potential games. <i>Automatica</i> , 2014 , 50, 1793-1801	5.7	130
154	On dynamics and Nash equilibriums of networked games. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2014 , 1, 10-18	7	8
153	Optimal Control of Finite-Valued Networks. <i>Asian Journal of Control</i> , 2014 , 16, 1179-1190	1.7	6
152	On controllability and stabilizability of probabilistic Boolean control networks. <i>Science China Information Sciences</i> , 2014 , 57, 1-14	3.4	61

151	On networked non-cooperative games \square A semi-tensor product approach 2013 ,		2
150	Multiple Fuzzy Relation and Its Application to Coupled Fuzzy Control. <i>Asian Journal of Control</i> , 2013 , 15, n/a-n/a	1.7	14
149	Bi-decomposition of multi-valued logical functions and its applications. <i>Automatica</i> , 2013 , 49, 1979-1985	5.7	30
148	Application of STP to cooperative games 2013 ,		3
147	Solving Fuzzy Relational Equations Via Semitensor Product. <i>IEEE Transactions on Fuzzy Systems</i> , 2012 , 20, 390-396	8.3	46
146	Stabilization of switched linear systems with constrained inputs. <i>Journal of Systems Science and Complexity</i> , 2012 , 25, 60-70	1	5
145	Nonlinear internal model based attitude tracking and disturbance rejection. <i>Asian Journal of Control</i> , 2012 , 14, 1397-1402	1.7	13
144	Analysis and control of general logical networks \square An algebraic approach. <i>Annual Reviews in Control</i> , 2012 , 36, 11-25	10.3	15
143	Optimal control of finite-valued networks 2012 ,		1
142	Controllability and stabilizability of probabilistic logical control networks 2012 ,		4
141	Approximation of boolean networks 2012 ,		4
140	Model construction of fuzzy relation matrices and application in intelligent environmental comfort systems 2012 ,		1
139	An Introduction to Semi-Tensor Product of Matrices and Its Applications 2012 ,		150
138	Semi-tensor Product of Matrices. <i>Communications and Control Engineering</i> , 2011 , 19-53	0.6	18
137	. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 1766-1776	5.9	167
136	On Boolean Control Networks \square An Algebraic Approach. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 8366-8377		2
135	Stability and stabilization of Boolean networks. <i>International Journal of Robust and Nonlinear Control</i> , 2011 , 21, 134-156	3.6	240
134	Matrix approach to boolean calculus 2011 ,		3

133	Model construction of Boolean network via observed data. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 525-36		60
132	Identification of Boolean control networks. <i>Automatica</i> , 2011 , 47, 702-710	5.7	102
131	Disturbance Decoupling of Boolean Control Networks. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 2-10	5.9	176
130	Analysis and Control of Boolean Networks. <i>Communications and Control Engineering</i> , 2011 ,	0.6	288
129	??????: ???????. <i>Chinese Science Bulletin</i> , 2011 , 56, 2664-2674	2.9	4
128	Input-State Approach to Boolean Control Networks. <i>Communications and Control Engineering</i> , 2011 , 141-161	1	
127	Logical Equations. <i>Communications and Control Engineering</i> , 2011 , 67-101	0.6	
126	Identification of Boolean Control Networks. <i>Communications and Control Engineering</i> , 2011 , 389-407	0.6	
125	State Space and Subspaces. <i>Communications and Control Engineering</i> , 2011 , 189-212	0.6	
124	Realization of Boolean Control Networks. <i>Communications and Control Engineering</i> , 2011 , 233-248	0.6	2
123	Linearization of switched non-linear systems. <i>Transactions of the Institute of Measurement and Control</i> , 2010 , 32, 677-705	1.8	2
122	Stabilization of random Boolean networks 2010 ,		17
121	Control of switched linear systems with input saturation. <i>International Journal of Systems Science</i> , 2010 , 41, 1057-1065	2.3	42
120	ALGEBRAIC APPROACH TO DYNAMICS OF MULTIVALUED NETWORKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010 , 20, 561-582	2	71
119	. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 2251-2258	5.9	413
118	Strategy optimization with its application to dynamic games 2010 ,		6
117	State-space analysis of Boolean networks. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 584-94		89
116	The structure of canalizing functions. <i>Journal of Control Theory and Applications</i> , 2010 , 8, 375-381		1

115	Parameterized solution to a class of sylvester matrix equations. <i>International Journal of Automation and Computing</i> , 2010 , 7, 479-483	3.5	
114	Leader-following consensus of second-order agents with multiple time-varying delays. <i>Automatica</i> , 2010 , 46, 1994-1999	5.7	272
113	Leader-following consensus of multi-agent systems under fixed and switching topologies. <i>Systems and Control Letters</i> , 2010 , 59, 209-217	2.4	877
112	Input-state incidence matrix of Boolean control networks and its applications. <i>Systems and Control Letters</i> , 2010 , 59, 767-774	2.4	188
111	Realization of Boolean control networks. <i>Automatica</i> , 2010 , 46, 62-69	5.7	138
110	Switched Systems 2010 , 431-508		
109	A Survey on Boolean Control Networks: A State Space Approach 2010 , 121-139		1
108	Canalizing Boolean mapping and its application to disturbance decoupling of Boolean control networks 2009 ,		7
107	A conjecture on the norm of Lyapunov mapping. <i>Journal of Control Theory and Applications</i> , 2009 , 7, 48-50		2
106	Design of control invariant sets of planar systems. <i>Journal of Systems Science and Complexity</i> , 2009 , 22, 614-626	1	
105	Bursting of Morris-Lecar neuronal model with current-feedback control. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 771-781		20
104	Stability of switched nonlinear systems via extensions of LaSalle's invariance principle. <i>Science in China Series F: Information Sciences</i> , 2009 , 52, 84-90		10
103	Advances in automation and control research in China. <i>Science in China Series F: Information Sciences</i> , 2009 , 52, 1954-1963		3
102	Solving logic equation via matrix expression. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , 2009 , 4, 259-269		4
101	An extension of LaSalle's Invariance Principle for a class of switched linear systems. <i>Systems and Control Letters</i> , 2009 , 58, 754-758	2.4	17
100	On partitioned controllability of switched linear systems. <i>Automatica</i> , 2009 , 45, 225-229	5.7	21
99	Controllability and observability of Boolean control networks. <i>Automatica</i> , 2009 , 45, 1659-1667	5.7	467
98	Synchronisation of a class of networked passive systems with switching topology. <i>International Journal of Control</i> , 2009 , 82, 1326-1333	1.5	22

97	Input-state approach to Boolean networks. <i>IEEE Transactions on Neural Networks</i> , 2009 , 20, 512-21		125
96	STABILIZATION OF A CLASS OF NONLINEAR NON-MINIMUM PHASE SYSTEMS. <i>Asian Journal of Control</i> , 2008 , 2, 132-139	1.7	4
95	Control Routh Array And Its Applications. <i>Asian Journal of Control</i> , 2008 , 5, 132-142	1.7	3
94	STABILIZATION OF SWITCHED LINEAR SYSTEMS. <i>Asian Journal of Control</i> , 2008 , 5, 476-483	1.7	12
93	An Extension of LaSalle's Invariance Principle and Its Application to Multi-Agent Consensus. <i>IEEE Transactions on Automatic Control</i> , 2008 , 53, 1765-1770	5.9	108
92	Attitude Control of Missile Via Fliess Expansion. <i>IEEE Transactions on Control Systems Technology</i> , 2008 , 16, 959-970	4.8	22
91	Stability and stabilisation of planar switched linear systems via LaSalle's invariance principle. <i>International Journal of Control</i> , 2008 , 81, 1590-1599	1.5	1
90	Constructive Stabilization of Quadratic-Input Nonlinear Systems with Bounded Controls. <i>Journal of Dynamical and Control Systems</i> , 2008 , 14, 571-593	1.1	8
89	STABILITY OF SWITCHED POLYNOMIAL SYSTEMS. <i>Journal of Systems Science and Complexity</i> , 2008 , 21, 362-377	1	13
88	Control of group of mobile autonomous agents via local strategies. <i>Journal of Control Theory and Applications</i> , 2008 , 6, 357-364		6
87	Logic and logic-based control. <i>Journal of Control Theory and Applications</i> , 2008 , 6, 26-36		16
86	Stabilization of nonlinear systems via the center manifold approach. <i>Systems and Control Letters</i> , 2008 , 57, 511-518	2.4	4
85	Stabilizer design of planar switched linear systems. <i>Systems and Control Letters</i> , 2008 , 57, 876-879	2.4	8
84	Constructive stabilization for quadratic input nonlinear systems. <i>Automatica</i> , 2008 , 44, 1996-2005	5.7	16
83	Consensus of multi-agent linear dynamic systems. <i>Asian Journal of Control</i> , 2008 , 10, 144-155	1.7	180
82	Early Developments of Control Theory in China. <i>European Journal of Control</i> , 2007 , 13, 25-29	2.5	2
81	Approximate dissipative Hamiltonian realization and construction of local Lyapunov functions. <i>Systems and Control Letters</i> , 2007 , 56, 141-149	2.4	20
80	Simultaneous stabilization of a set of nonlinear port-controlled Hamiltonian systems. <i>Automatica</i> , 2007 , 43, 403-415	5.7	61

79	Output feedback exponential stabilization of uncertain chained systems. <i>Journal of the Franklin Institute</i> , 2007 , 344, 36-57	4	81
78	Nonlinear systems possessing linear symmetry. <i>International Journal of Robust and Nonlinear Control</i> , 2007 , 17, 51-81	3.6	8
77	A Survey on Semi-Tensor Product of Matrices. <i>Journal of Systems Science and Complexity</i> , 2007 , 20, 304-322		34
76	On Hamiltonian realization of time-varying nonlinear systems. <i>Science in China Series F: Information Sciences</i> , 2007 , 50, 671-685		2
75	Lyapunov-Based Approach to Multiagent Systems With Switching Jointly Connected Interconnection. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 943-948	5.9	313
74	Extended Casimir Approach to Controlled Hamiltonian Systems. <i>Journal of Systems Science and Complexity</i> , 2006 , 19, 211-218	1	1
73	Stabilization of a class of switched nonlinear systems. <i>Journal of Control Theory and Applications</i> , 2006 , 4, 53-61		9
72	A constructive approach to local stabilization of nonlinear systems by dynamic output feedback. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 1166-1171	5.9	4
71	Stabilization of time-varying Hamiltonian systems. <i>IEEE Transactions on Control Systems Technology</i> , 2006 , 14, 871-880	4.8	9
70	Simultaneous Stabilization of a Collection of Port-controlled Hamiltonian Systems with Application to Affine Nonlinear Systems 2006 ,		1
69	Optimal estimation for continuous-time systems with delayed measurements. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 823-827	5.9	37
68	Adaptive finite-time control of nonlinear systems with parametric uncertainty. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 858-862	5.9	284
67	Stabilization of Switched Linearizable Nonlinear Systems 2006 ,		3
66	Global Controllability of Switched Nonlinear Systems 2006 ,		4
65	Adaptive control of linear Markov jump systems. <i>International Journal of Systems Science</i> , 2006 , 37, 477-483		8
64	Some Applications of Semitensor Product of Matrices in Algebra. <i>Computers and Mathematics With Applications</i> , 2006 , 52, 1045-1066	2.7	11
63	The polynomial solution to the Sylvester matrix equation. <i>Applied Mathematics Letters</i> , 2006 , 19, 859-864.5		26
62	Adaptive . <i>Automatica</i> , 2006 , 42, 1121-1132	5.7	56

61	Optimal impulsive control in periodic ecosystem. <i>Systems and Control Letters</i> , 2006 , 55, 558-565	2.4	47
60	On the Smallest Enclosing Balls. <i>Communications in Information and Systems</i> , 2006 , 6, 137-160	0.8	9
59	Stabilization of switched linear systems. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 661-666	5.9	179
58	Controllability of switched bilinear systems. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 511-515	5.9	109
57	Output regulation for nonlinear systems: some recent theoretical and experimental results. <i>IEEE Transactions on Control Systems Technology</i> , 2005 , 13, 605-610	4.8	19
56	Problems on time-varying port-controlled Hamiltonian systems: geometric structure and dissipative realization. <i>Automatica</i> , 2005 , 41, 717-723	5.7	20
55	On feedback equivalence to port controlled Hamiltonian systems. <i>Systems and Control Letters</i> , 2005 , 54, 911-917	2.4	53
54	Numerical solution of damped nonlinear Klein-Gordon equations using variational method and finite element approach. <i>Applied Mathematics and Computation</i> , 2005 , 162, 381-401	2.7	23
53	Comment on "Coordination of Groups of mobile autonomous agents using nearest neighbor Rules". <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 1913-1916	5.9	19
52	Parameters identification problems for Hopfield-type neural network equations. <i>Applied Mathematics and Computation</i> , 2004 , 152, 535-550	2.7	2
51	Stabilization of General Nonlinear Control Systems via Center Manifold and Approximation Techniques. <i>Journal of Dynamical and Control Systems</i> , 2004 , 10, 315-327	1.1	0
50	Non-regular feedback linearization of nonlinear systems via a normal form algorithm. <i>Automatica</i> , 2004 , 40, 439-447	5.7	31
49	Finite time convergent control using terminal sliding mode. <i>Journal of Control Theory and Applications</i> , 2004 , 2, 69-74		23
48	Optimization leads to symmetry. <i>Journal of Control Theory and Applications</i> , 2004 , 2, 393-396		
47	A note on overshoot estimation in pole placements. <i>Journal of Control Theory and Applications</i> , 2004 , 2, 161-164		17
46	Stabilization of planar switched systems. <i>Systems and Control Letters</i> , 2004 , 51, 79-88	2.4	103
45	Feedback stabilization via designed planar centre manifold. <i>International Journal of Robust and Nonlinear Control</i> , 2004 , 14, 1-14	3.6	
44	Quadratic form of stable sub-manifold for power systems. <i>International Journal of Robust and Nonlinear Control</i> , 2004 , 14, 773-788	3.6	25

43	Parameter identification for a class of abstract nonlinear parabolic distributed parameter systems. <i>Computers and Mathematics With Applications</i> , 2004 , 48, 1847-1861	2.7	5
42	Characterizing the synchronizability of small-world dynamical networks. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2004 , 51, 787-796		344
41	A NEW CHAOTIC SYSTEM AND BEYOND: THE GENERALIZED LORENZ-LIKE SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004 , 14, 1507-1537	2	221
40	Adaptive H _∞ excitation control of multimachine power systems via the Hamiltonian function method. <i>International Journal of Control</i> , 2004 , 77, 336-350	1.5	30
39	Approximate output regulation for affine nonlinear systems. <i>Journal of Systems Science and Systems Engineering</i> , 2003 , 12, 424-431	1.2	
38	On the adequacy of identified Cole-Cole models. <i>Computers and Geosciences</i> , 2003 , 29, 647-654	4.5	12
37	Generalized Hamiltonian realization of time-invariant nonlinear systems. <i>Automatica</i> , 2003 , 39, 1437-1443	5.7	87
36	On p-normal forms of nonlinear systems. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 1242-1248	5.9	55
35	On quadratic Lyapunov functions. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 885-890	5.9	102
34	Dissipative Hamiltonian realization and energy-based L ₂ -disturbance attenuation control of multimachine power systems. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 1428-1433	5.9	140
33	Generalized normal form and stabilization of non-linear systems. <i>International Journal of Control</i> , 2003 , 76, 116-128	1.5	8
32	A switching algorithm for global exponential stabilization of uncertain chained systems. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 1793-1798	5.9	49
31	Nonlinear decentralized saturated controller design for power systems. <i>IEEE Transactions on Control Systems Technology</i> , 2003 , 11, 539-547	4.8	50
30	SEMI-TENSOR PRODUCT OF MATRICES AND ITS SOME APPLICATIONS TO PHYSICS. <i>Methods and Applications of Analysis</i> , 2003 , 10, 565-588	0.3	26
29	Dynamic complexities in predator-prey ecosystem models with age-structure for predator. <i>Chaos, Solitons and Fractals</i> , 2002 , 14, 1403-1411	9.3	30
28	A new method to discriminate between a valid IP response and EM coupling effects. <i>Geophysical Prospecting</i> , 2002 , 50, 565-576	1.9	3
27	Normal form representation of control systems. <i>International Journal of Robust and Nonlinear Control</i> , 2002 , 12, 409-433	3.6	4
26	Nonlinear decentralized controller design for multimachine power systems using Hamiltonian function method. <i>Automatica</i> , 2002 , 38, 527-534	5.7	71

25	Finite-time stabilizing excitation control of a synchronous generator. <i>International Journal of Systems Science</i> , 2002 , 33, 13-22	2.3	2
24	BRIDGE THE GAP BETWEEN THE LORENZ SYSTEM AND THE CHEN SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2002 , 12, 2917-2926	2	630
23	Pseudo-Hamiltonian realization and its application. <i>Communications in Information and Systems</i> , 2002 , 2, 91-120	0.8	10
22	Stabilization of nonlinear systems via designed center manifold. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 1372-1383	5.9	18
21	Stabilization of Hamiltonian systems with dissipation. <i>International Journal of Control</i> , 2001 , 74, 465-473	1.5	22
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