

Zengqiang Chen

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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.

255 papers	3,454 citations	28 h-index	49 g-index
309 ext. papers	4,571 ext. citations	3.5 avg, IF	6.23 L-index

#	Paper	IF	Citations
255	A new image encryption algorithm based on hyper-chaos. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008 , 372, 394-400	2.3	437
254	Reaching a consensus via pinning control. <i>Automatica</i> , 2009 , 45, 1215-1220	5.7	165
253	A novel control scheme for quadrotor UAV based upon active disturbance rejection control. <i>Aerospace Science and Technology</i> , 2018 , 79, 601-609	4.9	98
252	sEMG-Based Identification of Hand Motion Commands Using Wavelet Neural Network Combined With Discrete Wavelet Transform. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 1923-1934	8.9	96
251	A new coupled disease-awareness spreading model with mass media on multiplex networks. <i>Information Sciences</i> , 2019 , 471, 185-200	7.7	95
250	A four-wing hyper-chaotic attractor generated from a 4-D memristive system with a line equilibrium. <i>Nonlinear Dynamics</i> , 2015 , 81, 1275-1288	5	87
249	Leader-following formation control for second-order multiagent systems with time-varying delay and nonlinear dynamics. <i>Nonlinear Dynamics</i> , 2013 , 72, 803-812	5	82
248	A four-wing hyper-chaotic attractor and transient chaos generated from a new 4-D quadratic autonomous system. <i>Nonlinear Dynamics</i> , 2010 , 59, 515-527	5	77
247	A Note on Distance-based Graph Entropies. <i>Entropy</i> , 2014 , 16, 5416-5427	2.8	76
246	Multi-objective global optimal parafoil homing trajectory optimization via Gauss pseudospectral method. <i>Nonlinear Dynamics</i> , 2013 , 72, 1-8	5	58
245	Discarded Consensus of Network of Agents With State Constraint. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 2869-2874	5.9	57
244	A new class of Hamiltonian conservative chaotic systems with multistability and design of pseudo-random number generator. <i>Applied Mathematical Modelling</i> , 2019 , 73, 40-71	4.5	52
243	Topological horseshoe analysis on a four-wing chaotic attractor and its FPGA implement. <i>Nonlinear Dynamics</i> , 2016 , 83, 623-630	5	52
242	On Low-Velocity Compensation of Brushless DC Servo in the Absence of Friction Model. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 3897-3905	8.9	49
241	Epidemic Propagation With Positive and Negative Preventive Information in Multiplex Networks. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1454-1462	10.2	47
240	Consensus of a heterogeneous multi-agent system with input saturation. <i>Neurocomputing</i> , 2015 , 166, 382-388	5.4	46
239	Modeling of powered parafoil based on Kirchhoff motion equation. <i>Nonlinear Dynamics</i> , 2015 , 79, 617-629	4.1	41

238	Containment Control for General Second-Order Multiagent Systems With Switched Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 550-560	10.2	40
237	Calculation of Siphons and Minimal Siphons in Petri Nets Based on Semi-Tensor Product of Matrices. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 531-536	7.3	39
236	Four-dimensional autonomous dynamical systems with conservative flows: two-case study. <i>Nonlinear Dynamics</i> , 2017 , 89, 2495-2508	5	39
235	A novel observer-based formation for nonlinear multi-agent systems with time delay and intermittent communication. <i>Nonlinear Dynamics</i> , 2015 , 79, 1651-1664	5	39
234	Model-free control of affine chaotic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005 , 344, 189-202	2.3	37
233	Containment control of leader-following multi-agent systems with jointly-connected topologies and time-varying delays. <i>Neurocomputing</i> , 2017 , 260, 341-348	5.4	35
232	A novel disturbance-observer based friction compensation scheme for ball and plate system. <i>ISA Transactions</i> , 2014 , 53, 671-8	5.5	33
231	Reachability Analysis of Networked Finite State Machine With Communication Losses: A Switched Perspective. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 845-853	14.2	31
230	Flocking of multi-agents with nonlinear inner-coupling functions. <i>Nonlinear Dynamics</i> , 2010 , 60, 255-264	5	30
229	Q-Learning-based parameters adaptive algorithm for active disturbance rejection control and its application to ship course control. <i>Neurocomputing</i> , 2020 , 408, 51-63	5.4	30
228	Active disturbance rejection control (ADRC)-based autonomous homing control of powered parafoils. <i>Nonlinear Dynamics</i> , 2016 , 86, 1461-1476	5	28
227	Distributed containment control for bounded unknown second-order nonlinear multi-agent systems with dynamic leaders. <i>Neurocomputing</i> , 2015 , 168, 1138-1143	5.4	27
226	A Novel Leader-following Consensus of Multi-agent Systems with Smart Leader. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1483-1492	2.9	26
225	. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017 , 22, 2736-2745	5.5	26
224	Modeling and control of an agile tail-sitter aircraft. <i>Journal of the Franklin Institute</i> , 2015 , 352, 5437-5472	4	26
223	Practical Wind-Disturbance Rejection for Large Deep Space Observatory Antenna. <i>IEEE Transactions on Control Systems Technology</i> , 2014 , 22, 1983-1990	4.8	26
222	Adaptive high order differential feedback control for affine nonlinear system. <i>Chaos, Solitons and Fractals</i> , 2008 , 37, 308-315	9.3	25
221	Leader-following consensus of multi-agent system with a smart leader. <i>Neurocomputing</i> , 2016 , 214, 401-408	5.4	24

220	Birth of one-to-four-wing chaotic attractors in a class of simplest three-dimensional continuous memristive systems. <i>Nonlinear Dynamics</i> , 2016 , 83, 1987-2001	5	23
219	Entropy of Weighted Graphs with Random Weights. <i>Entropy</i> , 2015 , 17, 3710-3723	2.8	23
218	Distributed containment control for second-order multiagent systems with time delay and intermittent communication. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5730-5746	3.6	22
217	Pressure Regulation for Oxygen Mask Based on Active Disturbance Rejection Control. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 6402-6411	8.9	20
216	Impulsive observer-based consensus control for multi-agent systems with time delay. <i>International Journal of Control</i> , 2015 , 88, 1789-1804	1.5	20
215	Analytical and numerical investigation of a new Lorenz-like chaotic attractor with compound structures. <i>Nonlinear Dynamics</i> , 2014 , 75, 745-760	5	20
214	Convergence and stability analysis of active disturbance rejection control for first-order nonlinear dynamic systems. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 2064-2076	1.8	20
213	Distributed Constraint Optimization with Flocking Behavior. <i>Complexity</i> , 2018 , 2018, 1-8	1.6	19
212	Adaptive flocking of non-linear multi-agents systems with uncertain parameters. <i>IET Control Theory and Applications</i> , 2015 , 9, 351-357	2.5	18
211	Solving type-2 fuzzy relation equations via semi-tensor product of matrices. <i>Control Theory and Technology</i> , 2014 , 12, 173-186	1	18
210	Semi-tensor product of matrices approach to reachability of finite automata with application to language recognition. <i>Frontiers of Computer Science</i> , 2014 , 8, 948-957	2.2	18
209	Autonomous homing control of a powered parafoil with insufficient altitude. <i>ISA Transactions</i> , 2016 , 65, 516-524	5.5	18
208	Distinguishing Lorenz and Chen Systems Based Upon Hamiltonian Energy Theory. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750024	2	17
207	Trajectory tracking control for a quadrotor unmanned aerial vehicle based on dynamic surface active disturbance rejection control. <i>Transactions of the Institute of Measurement and Control</i> , 2020 , 42, 2198-2205	1.8	17
206	Conservative chaos and invariant tori in the modified Sprott A system. <i>Nonlinear Dynamics</i> , 2020 , 99, 1699-1708	5	17
205	Evolutionary dynamics of strategies for threshold snowdrift games on complex networks. <i>Knowledge-Based Systems</i> , 2017 , 130, 51-61	7.3	16
204	Super-twisting sliding mode control for aircraft at high angle of attack based on finite-time extended state observer. <i>Nonlinear Dynamics</i> , 2020 , 99, 2785-2799	5	16
203	Cascade Active Disturbance Rejection Control of a High-Purity Distillation Column with Measurement Noise. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 4623-4631	3.9	16

202	Adaptive distributed convex optimization for multi-agent and its application in flocking behavior. <i>Journal of the Franklin Institute</i> , 2019 , 356, 1038-1050	4	16
201	Practical solution to attitude control within wide envelope. <i>Aircraft Engineering and Aerospace Technology</i> , 2014 , 86, 117-128	5	16
200	Formation control for nonlinear multi-agent systems by robust output regulation. <i>Neurocomputing</i> , 2014 , 140, 114-120	5.4	16
199	Accurate flight path tracking control for powered parafoil aerial vehicle using ADRC-based wind feedforward compensation. <i>Aerospace Science and Technology</i> , 2019 , 84, 904-915	4.9	16
198	Modeling and reachability of probabilistic finite automata based on semi-tensor product of matrices. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	16
197	A general method for exploring three-dimensional chaotic attractors with complicated topological structure based on the two-dimensional local vector field around equilibriums. <i>Nonlinear Dynamics</i> , 2016 , 83, 1069-1078	5	15
196	On a 3-D generalized Hamiltonian model with conservative and dissipative chaotic flows. <i>Chaos, Solitons and Fractals</i> , 2017 , 99, 45-51	9.3	15
195	Containment control for second-order nonlinear multi-agent systems with intermittent communications. <i>International Journal of Systems Science</i> , 2019 , 50, 919-934	2.3	15
194	On decoupling trajectory tracking control of unmanned powered parafoil using ADRC-based coupling analysis and dynamic feedforward compensation. <i>Nonlinear Dynamics</i> , 2018 , 92, 1619-1635	5	15
193	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017 , 53, 1642-1659	3.7	14
192	Local Bifurcation Analysis and Global Dynamics Estimation of a Novel 4-Dimensional Hyperchaotic System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750021	2.2	14
191	Modeling and analysis of colored petri net based on the semi-tensor product of matrices. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	14
190	Computational fluid dynamics based dynamic modeling of parafoil system. <i>Applied Mathematical Modelling</i> , 2018 , 54, 136-150	4.5	14
189	Quantitative analysis of critical limitation in using extended state observer. <i>International Journal of Control, Automation and Systems</i> , 2016 , 14, 876-882	2.9	14
188	On the stabilization of nondeterministic finite automata via static output feedback. <i>Applied Mathematics and Computation</i> , 2020 , 365, 124687	2.7	14
187	STP Approach to Model Controlled Automata with Application to Reachability Analysis of DEDS. <i>Asian Journal of Control</i> , 2016 , 18, 2027-2036	1.7	14
186	In-flight compound homing methodology of parafoil delivery systems under multiple constraints. <i>Aerospace Science and Technology</i> , 2018 , 79, 85-104	4.9	14
185	Containment control for directed networks multi-agent system with nonlinear dynamics and communication time-delays. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1181-1188	2.9	13

184	Fostering cooperation of selfish agents through public goods in relation to the loners. <i>Physical Review E</i> , 2016 , 93, 032320	2.4	13
183	Local bifurcation analysis and topological horseshoe of a 4D hyper-chaotic system. <i>Nonlinear Dynamics</i> , 2016 , 83, 2055-2066	5	13
182	Model matching of input/output asynchronous sequential machines based on the semi-tensor product of matrices. <i>Future Generation Computer Systems</i> , 2018 , 83, 468-475	7.5	12
181	Tuning of Active Disturbance Rejection Attitude Controller for Statically Unstable Launch Vehicle. <i>Journal of Spacecraft and Rockets</i> , 2017 , 54, 1383-1389	1.5	12
180	Evolutionary Game Dynamics of Multiagent Systems on Multiple Community Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4513-4529	7.3	12
179	Fully distributed containment control for second-order multi-agent systems with communication delay. <i>ISA Transactions</i> , 2020 , 99, 123-129	5.5	12
178	Active disturbance rejection controller for multi-area interconnected power system based on reinforcement learning. <i>Neurocomputing</i> , 2021 , 425, 149-159	5.4	12
177	A matrix-based approach to verifying stability and synthesizing optimal stabilizing controllers for finite-state automata. <i>Journal of the Franklin Institute</i> , 2018 , 355, 8642-8663	4	12
176	Distributed Containment Control of Multi-agent Systems with General Linear Dynamics and Time-delays. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2718-2726	2.9	12
175	Semi-Tensor Product of Matrices Approach to the Problem of Fault Detection for Discrete Event Systems (DESS). <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 3098-3102	3.5	11
174	Calculating skeleton matrix of asynchronous sequential machines based on the semi-tensor product of matrices. <i>IET Control Theory and Applications</i> , 2017 , 11, 2131-2139	2.5	11
173	Fixation of strategies driven by switching probabilities in evolutionary games. <i>Europhysics Letters</i> , 2016 , 116, 58002	1.6	11
172	Hyperchaos in a Conservative System with Nonhyperbolic Fixed Points. <i>Complexity</i> , 2018 , 2018, 1-8	1.6	11
171	A novel matrix approach to observability analysis of finite automata. <i>International Journal of Systems Science</i> , 2017 , 48, 3558-3568	2.3	10
170	Topological Horseshoe Analysis, Ultimate Boundary Estimations of a New 4D Hyperchaotic System and Its FPGA Implementation. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850081	2	10
169	Output feedback control for aircraft at high angle of attack based upon fixed-time extended state observer. <i>Aerospace Science and Technology</i> , 2019 , 95, 105468	4.9	10
168	Leader-following consensus of second-order nonlinear multi-agent systems with intermittent position measurements. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	10
167	Pitchfork bifurcation and circuit implementation of a novel Chen hyper-chaotic system. <i>Chinese Physics B</i> , 2012 , 21, 030501	1.2	10

166	On the stability and convergence rate analysis for the nonlinear uncertain systems based upon active disturbance rejection control. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 5728-5750 ^{3.6} ¹⁰		
165	Identification of predictors of Boolean networks from observed attractor states. <i>Mathematical Methods in the Applied Sciences</i> , 2019 , 42, 3848-3864	2.3	9
164	The detection and stabilisation of limit cycle for deterministic finite automata. <i>International Journal of Control</i> , 2018 , 91, 874-886	1.5	9
163	Analyses of integrated aircraft cabin contaminant monitoring network based on Kalman consensus filter. <i>ISA Transactions</i> , 2017 , 71, 112-120	5.5	9
162	Trajectory tracking control of a quadrotor UAV based on sliding mode active disturbance rejection control. <i>Nonlinear Analysis: Modelling and Control</i> , 2019 , 24,	1.3	9
161	Altitude control for flexible wing unmanned aerial vehicle based on active disturbance rejection control and feedforward compensation. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 222-245	3.6	9
160	Punishment in the form of shared cost promotes altruism in the cooperative dilemma games. <i>Journal of Theoretical Biology</i> , 2017 , 420, 128-134	2.3	8
159	Adaptive flocking of heterogeneous multi-agents systems with nonlinear dynamics. <i>Neurocomputing</i> , 2016 , 216, 72-77	5.4	8
158	Active disturbance rejection generalized predictive control for a high purity distillation column process with time delay. <i>Canadian Journal of Chemical Engineering</i> , 2019 , 97, 2941-2951	2.3	8
157	Containment control for second-order nonlinear multi-agent systems with aperiodically intermittent position measurements. <i>Journal of the Franklin Institute</i> , 2019 , 356, 8706-8725	4	8
156	A novel matrix approach for the stability and stabilization analysis of colored Petri nets. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	8
155	Matrix approach to detectability of discrete event systems under partial observation 2017 ,		8
154	Optimal design of load frequency active disturbance rejection control via double-chains quantum genetic algorithm. <i>Neural Computing and Applications</i> , 2021 , 33, 3325-3345	4.8	8
153	Stabilization of probabilistic finite automata based on semi-tensor product of matrices. <i>Journal of the Franklin Institute</i> , 2020 , 357, 5173-5186	4	7
152	The Orbit-Polynomial: A Novel Measure of Symmetry in Networks. <i>IEEE Access</i> , 2020 , 8, 36100-36112	3.5	7
151	In-flight wind identification and soft landing control for autonomous unmanned powered parafoils. <i>International Journal of Systems Science</i> , 2018 , 49, 929-946	2.3	7
150	Contact-based model for strategy updating and evolution of cooperation. <i>Physica D: Nonlinear Phenomena</i> , 2016 , 323-324, 27-34	3.3	7
149	Effects of strategy switching and network topology on decision-making in multi-agent systems. <i>International Journal of Systems Science</i> , 2018 , 49, 1934-1949	2.3	7

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| 148 | Modified leader-following consensus of time-delay multi-agent systems via sampled control and smart leader. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 2526-2537 | 2.9 | 7 |
| 147 | Leader-following H _∞ consensus of discrete-time nonlinear multi-agent systems based upon output feedback control. <i>Transactions of the Institute of Measurement and Control</i> , 2020 , 42, 1323-1333 | 1.8 | 7 |
| 146 | Practical Solution to Efficient Flight Path Control for Hypersonic Vehicles. <i>Transactions of the Japan Society for Aeronautical and Space Sciences</i> , 2016 , 59, 195-204 | 0.8 | 7 |
| 145 | Mechanics Analysis and Hardware Implementation of a New 3D Chaotic System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850161 | 2 | 7 |
| 144 | Back-stepping sliding mode control for pressure regulation of oxygen mask based on an extended state observer. <i>Automatica</i> , 2020 , 119, 109106 | 5.7 | 6 |
| 143 | Dynamic Modeling and Experimental Verification of Powered Parafoil With Two Suspending Points. <i>IEEE Access</i> , 2020 , 8, 12955-12966 | 3.5 | 6 |
| 142 | Measuring the complexity of directed graphs: A polynomial-based approach. <i>PLoS ONE</i> , 2019 , 14, e0223745 | 3.45 | 6 |
| 141 | Leader-following Exponential Consensus of Discrete-time Multi-agent Systems with Time-varying Delay and Intermittent Communication. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 944-954 | 2.9 | 6 |
| 140 | Three matrix conditions for the reduction of finite automata based on the theory of semi-tensor product of matrices. <i>Science China Information Sciences</i> , 2020 , 63, 1 | 3.4 | 6 |
| 139 | Detectability verification of probabilistic Boolean networks. <i>Information Sciences</i> , 2021 , 548, 313-327 | 7.7 | 6 |
| 138 | Reduced-Order Observer-Based Leader-Following Formation Control for Discrete-Time Linear Multi-Agent Systems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 1715-1723 | 7 | 6 |
| 137 | Adaptive aeroservoelastic mode stabilization of flexible airbreathing hypersonic vehicle. <i>JVC/Journal of Vibration and Control</i> , 2019 , 25, 2124-2142 | 2 | 5 |
| 136 | A practical attitude control scheme for hypersonic vehicle based on disturbance observer. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019 , 233, 4523-4540 | 0.9 | 5 |
| 135 | An efficient fast altitude control for hypersonic vehicle. <i>Control Engineering Practice</i> , 2020 , 100, 104426 | 3.9 | 5 |
| 134 | Leader-following consensus of second-order multi-agent systems with a smart leader 2017 , | | 5 |
| 133 | SPSA-based data-driven control strategy for load frequency control of power systems. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 414-422 | 2.5 | 5 |
| 132 | Algebraic method of simplifying Boolean networks using semi-tensor product of Matrices. <i>Asian Journal of Control</i> , 2019 , 21, 2569-2577 | 1.7 | 5 |
| 131 | Output regulation distributed formation control for nonlinear multi-agent systems. <i>Nonlinear Dynamics</i> , 2014 , 78, 1339-1348 | 5 | 5 |

130	Soft landing control of unmanned powered parafoils in unknown wind environments. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019 , 233, 949-968	0.9	5
129	Modeling, Reachability and Controllability of Bounded Petri Nets Based on Semi-Tensor Product of Matrices. <i>Asian Journal of Control</i> , 2020 , 22, 500-510	1.7	5
128	Distributed Optimization with Finite-Time Convergence via Discontinuous Dynamics 2018 ,		5
127	On the static output feedback stabilisation of discrete event dynamic systems based upon the approach of semi-tensor product of matrices. <i>International Journal of Systems Science</i> , 2019 , 50, 1595-1608	2.3	4
126	Modeling, Synchronization, and FPGA Implementation of Hamiltonian Conservative Hyperchaos. <i>Complexity</i> , 2020 , 2020, 1-13	1.6	4
125	Design and optimization in multiphase homing trajectory of parafoil system. <i>Journal of Central South University</i> , 2016 , 23, 1416-1426	2.1	4
124	Altruism in multiplayer snowdrift games with threshold and punishment. <i>Europhysics Letters</i> , 2015 , 111, 58004	1.6	4
123	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020 , 56, 2374-2389	3.7	4
122	Fluid-structure interaction-based aerodynamic modeling for flight dynamics simulation of parafoil system. <i>Nonlinear Dynamics</i> , 2021 , 104, 3445	5	4
121	Privacy-Preserving Leader-Following Consensus via Node-Augment Mechanism. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2117-2121	3.5	4
120	Trajectory planning and gathering for multiple parafoil systems based on pseudo-spectral method 2016 ,		4
119	NSGAI based multi-objective homing trajectory planning of parafoil system. <i>Journal of Central South University</i> , 2016 , 23, 3248-3255	2.1	4
118	A novel complex network link prediction framework via combining mutual information with local naive Bayes. <i>Chaos</i> , 2019 , 29, 113110	3.3	4
117	Observability analysis of combined finite automata based upon semi-tensor product of matrices approach. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 717-727	1.8	4
116	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	4
115	General Periodic Cruise Guidance Optimization for Hypersonic Vehicles. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2898	2.6	3
114	Energy Conservation, Singular Orbits, and FPGA Implementation of Two New Hamiltonian Chaotic Systems. <i>Complexity</i> , 2020 , 2020, 1-15	1.6	3
113	The networked cooperative dynamics of adjusting signal strength based on information quantity. <i>Nonlinear Dynamics</i> , 2020 , 100, 831-847	5	3

112	Decoupling control of high-purity heat integrated distillation column process via active disturbance rejection control and nonlinear wave theory. <i>Transactions of the Institute of Measurement and Control</i> , 2020 , 42, 2221-2233	1.8	3
111	Tracking control of parafoil airdrop robot in wind environments 2017 ,		3
110	Properties of graph distance measures by means of discrete inequalities. <i>Applied Mathematical Modelling</i> , 2018 , 59, 739-749	4.5	3
109	Modeling and Simulation of an Electronic Oxygen Regulator Based on All-Coefficient Adaptive Control. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2016 , 138,	1.6	3
108	Synthesis of attitude control for statically unstable hypersonic vehicle with low-frequency aero-servo-elastic effect. <i>Aerospace Science and Technology</i> , 2018 , 80, 67-77	4.9	3
107	Algebraic criteria for finite automata understanding of regular language. <i>Frontiers of Computer Science</i> , 2019 , 13, 1148-1150	2.2	3
106	Containment Control of Multi-agent Systems with Time-delays over Heterogeneous Networks. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 2521-2530	2.9	3
105	Partial integrated guidance and control design for supersonic missile based on disturbance rejection. <i>Measurement and Control</i> , 2019 , 52, 1445-1460	1.5	3
104	On the Model-Free Compensation of Coulomb Friction in the Absence of the Velocity Measurement. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2017 , 139,	1.6	3
103	Trajectory tracking of powered parafoil based on characteristic model based all-coefficient adaptive control. <i>Journal of Central South University</i> , 2017 , 24, 1073-1081	2.1	3
102	Toward Measuring Network Aesthetics Based on Symmetry. <i>Axioms</i> , 2017 , 6, 12	1.6	3
101	Design and stability analysis of a generalized reduced-order active disturbance rejection controller. <i>Science China Technological Sciences</i> , 1	3.5	3
100	Back-stepping Active Disturbance Rejection Control for Attitude Control of Aircraft Systems Based on Extended State Observer. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 2134-2149	2.9	3
99	Formation Control of Multi-Agent Systems with Region Constraint. <i>Complexity</i> , 2019 , 2019, 1-6	1.6	3
98	A comprehensive decoupling active disturbance rejection control for a gas flow facility. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 297-310	1.8	3
97	Matrix approach to simplification of finite state machines using semi-tensor product of matrices. <i>Asian Journal of Control</i> , 2020 , 22, 2061-2070	1.7	3
96	Sliding mode control for electro-hydraulic proportional directional valve-controlled position tracking system based on an extended state observer. <i>Asian Journal of Control</i> , 2021 , 23, 1855-1869	1.7	3
95	Finite-Time Leader-Following Consensus of Multiagent Systems With Actuator Faults and Input Saturation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	3

94	Promoting cooperation by setting a ceiling payoff for defectors under three-strategy public good games. <i>International Journal of Systems Science</i> , 2018 , 49, 2267-2286	2.3	3
93	Accurate calculation of aerodynamic coefficients of parafoil airdrop system based on computational fluid dynamic. <i>International Journal of Advanced Robotic Systems</i> , 2018 , 15, 172988141876619	1.4	3
92	Event-triggered fault-tolerant consensus control with control allocation in leader-following multi-agent systems. <i>Science China Technological Sciences</i> , 2021 , 64, 879-889	3.5	3
91	Algebraic state space approach to model and control combined automata. <i>Frontiers of Computer Science</i> , 2017 , 11, 874-886	2.2	2
90	High gain feedback robust control for flocking of multi-agents system. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 3769-3776	1.8	2
89	Reachability and controllability analysis of probabilistic finite automata via a novel matrix method. <i>Asian Journal of Control</i> , 2019 , 21, 2578-2586	1.7	2
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