

# Zongyu Zuo

## List of Publications by Year in descending order

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169  
papers

8,831  
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43165

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docs citations

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times ranked

5543  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-circular formation control with reinforced transient profiles for nonholonomic vehicles: A path-following framework. <i>Defence Technology</i> , 2024, 31, 278-287.	4.6	8
2	Distributed Finite-Time Average Consensus Over Unbalanced Digraphs via Broadcast Mode. <i>IEEE Transactions on Network Science and Engineering</i> , 2024, 11, 494-510.	6.8	0
3	Consensus Control of Multi-Agent Systems With Different State Constraints and Event-Triggered Communication. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2024, 71, 817-821.	3.2	1
4	Reinforcement Learning Control for Moving Target Landing of VTOL UAVs With Motion Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2024, 71, 7735-7744.	8.2	2
5	Consensus of Saturated Multiagent Systems: Tolerance to Nonidentical Asymmetric Saturation Levels. <i>IEEE Transactions on Automatic Control</i> , 2024, 69, 1804-1811.	6.0	0
6	Convergence of Opinion Dynamics With Heterogeneous Asymmetric Saturation Levels and Time-Varying Delays. <i>IEEE Transactions on Network Science and Engineering</i> , 2024, 11, 3189-3198.	6.8	0
7	Fixed-time Consensus Control of General Linear Multi-agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2024, , 1-8.	6.0	1
8	Motion-pressure coupled control and simulation of long-endurance capability for multicapsule stratospheric airships. <i>Chinese Journal of Aeronautics</i> , 2024, 37, 137-150.	5.4	0
9	Distributed Output-Feedback Asymptotic Consensus Tracking for High-Order Multiagent Systems With Quantized Input. <i>IEEE Transactions on Cybernetics</i> , 2024, , 1-13.	10.1	0
10	Vision-based finite-time prescribed performance control for uncooperative UAV target-tracking subject to field of view constraints. <i>ISA Transactions</i> , 2024, 149, 168-177.	6.2	0
11	Predictive modeling for early detection of biliary atresia in infants with cholestasis: Insights from a machine learning study. <i>Computers in Biology and Medicine</i> , 2024, 174, 108439.	7.3	0
12	Fault-Tolerant Formation Control for Leader-Follower Flight Vehicles Under Malicious Attacks. <i>IEEE Transactions on Intelligent Vehicles</i> , 2024, , 1-15.	14.7	0
13	Fixed-time cooperative output regulation for second-order nonlinear multiagent systems with an unknown exosystem. <i>Applied Mathematics and Computation</i> , 2024, 476, 128762.	2.3	0
14	Cooperative Tracking of Quadrotor UAVs Using Parallel Optimal Learning Control. <i>IEEE Transactions on Automation Science and Engineering</i> , 2024, , 1-12.	5.7	0
15	Prescribed-Time Maneuvering Target Closing for Multiple Fixed-wing UAVs. <i>IEEE Transactions on Vehicular Technology</i> , 2024, , 1-11.	6.7	0
16	Exponential Predefined Time Trajectory Tracking Control for Fixed-Wing UAV With Input Saturation. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2024, , 1-14.	4.9	0
17	Fixed-time stabilization with dead-zone optimization. <i>Systems and Control Letters</i> , 2024, 189, 105835.	2.3	0
18	Prescribed-Time Elliptical Circumnavigation for Multiple Moving Targets by Multi-UAVs. <i>IEEE Transactions on Intelligent Vehicles</i> , 2024, , 1-10.	14.7	0

#	ARTICLE	IF	CITATIONS
19	Distributed Control in Uncertain Nonlinear Multiagent Systems Under Event-Triggered Communication and General Directed Graphs. IEEE Transactions on Signal and Information Processing Over Networks, 2024, 10, 599-609.	3.0	0
20	Hyperbolic Tangent Function-Based Protocols for Global/Semi-Global Finite-Time Consensus of Multi-Agent Systems. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 1381-1397.	13.9	0
21	A Probabilistic Approach for Predicting Vessel Motion. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 1877-1879.	13.9	0
22	A Novel Prescribed-Performance Path-Following Problem for Non-Holonomic Vehicles. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 1476-1484.	13.9	0
23	Event-based model predictive control with two-phase predictive detection. Journal of the Franklin Institute, 2024, , 107172.	3.7	0
24	Controllers for Multiagent Systems With Input Amplitude and Rate Constraints and Their Application to Quadrotor Rendezvous. IEEE Transactions on Automation Science and Engineering, 2024, , 1-11.	5.7	0
25	Reinforcement Learning-Based Fixed-Time Trajectory Tracking Control for Uncertain Robotic Manipulators With Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4584-4595.	12.6	49
26	Distributed Interval Consensus of Multiagent Systems With a Pulse Width Modulation Protocol. IEEE Transactions on Automatic Control, 2023, 68, 1730-1737.	6.0	5
27	Fixed-Time and Prescribed-Time Consensus Control of Multiagent Systems and Its Applications: A Survey of Recent Trends and Methodologies. IEEE Transactions on Industrial Informatics, 2023, 19, 1121-1135.	12.1	107
28	Robust Leader-Follower Cooperative Guidance Under False-Data Injection Attacks. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 4511-4524.	4.9	4
29	Global Finite-Time Stabilization of First-Order Systems With Bounded Controls. IEEE Transactions on Circuits and Systems II: Express Briefs, 2023, 70, 2440-2444.	3.2	5
30	New Class $\{K\}_\infty$ Function-Based Adaptive Sliding Mode Control. IEEE Transactions on Automatic Control, 2023, 68, 7840-7847.	6.0	4
31	Cooperative Circular Guidance of Multiple Missiles: A Practical Prescribed-Time Consensus Approach. Journal of Guidance, Control, and Dynamics, 2023, 46, 1799-1813.	3.3	7
32	Finite-time general function consensus for multi-agent systems over signed digraphs. Journal of the Franklin Institute, 2023, 360, 7808-7831.	3.7	0
33	The Act and Art of Editing: Exploration of the Functions and Responsibilities of Book Editors in the Electronic Age. European Modern Studies Journal, 2023, 7, 284-295.	0.0	0
34	Constrained Moving Path Following Control for UAV With Robust Control Barrier Function. IEEE/CAA Journal of Automatica Sinica, 2023, 10, 1557-1570.	13.9	3
35	Three-Dimensional Spatial-Temporal Cooperative Guidance Without Active Speed Control. Journal of Guidance, Control, and Dynamics, 2023, 46, 1981-1996.	3.3	9
36	Robust Path-Following Control for Multiple Autonomous Vehicles Along an Implicit Elliptical Curve. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 6778-6791.	9.7	0

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37	Consensus robustness of multi-agent systems against heterogeneous asymmetric input saturations and asynchronous time-varying communication delays. <i>Information Sciences</i> , 2023, 647, 119483.	7.2	4
38	Geometric Attitude Tracking Control for Rigid Body Based on a Novel Attitude Error Dynamic Model on $SO(3)$ . <i>IEEE Transactions on Automation Science and Engineering</i> , 2023, , 1-16.	5.7	0
39	Robust Fixed-Time Stabilization Control of Generic Linear Systems With Mismatched Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 759-768.	9.7	53
40	Three-dimensional time-varying sliding mode guidance law against maneuvering targets with terminal angle constraint. <i>Chinese Journal of Aeronautics</i> , 2022, 35, 303-319.	5.4	26
41	Coordinated Planar Path-Following Control for Multiple Nonholonomic Wheeled Mobile Robots. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9404-9413.	10.1	27
42	Fixed-Time Terminal Angle-Constrained Cooperative Guidance Law Against Maneuvering Target. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022, 58, 1352-1366.	4.9	44
43	A survey on modelling, control and challenges of stratospheric airships. <i>Control Engineering Practice</i> , 2022, 119, 104979.	5.7	29
44	Social Media Images as an Emerging Tool to Monitor Adherence to COVID-19 Public Health Guidelines: Content Analysis. <i>Journal of Medical Internet Research</i> , 2022, 24, e24787.	4.5	6
45	An Overview of Finite/Fixed-Time Control and Its Application in Engineering Systems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 2106-2120.	13.9	148
46	Unmanned Aerial Vehicles: Control Methods and Future Challenges. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 601-614.	13.9	94
47	Robust adaptive sliding mode tracking control for a rigid body based on Lie subgroups of $SO(3)$ . <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2022, .	1.1	0
48	Impact-Angle-Constrained Cooperative Guidance for Salvo Attack. <i>Journal of Guidance, Control, and Dynamics</i> , 2022, 45, 684-703.	3.3	32
49	Event-triggered based practical fixed-time consensus for chained-form multi-agent systems with dynamic disturbances. <i>Neurocomputing</i> , 2022, 493, 414-421.	6.2	9
50	A Prospective Real-World Study Exploring Associations Between Passively Collected Tracker Data and Headache Burden Among Individuals with Tension-Type Headache and Migraine. <i>Pain and Therapy</i> , 2022, 11, 153-170.	3.2	2
51	Adaptive Backstepping Control of Uncertain Sandwich-Like Nonlinear Systems With Deadzone Nonlinearity. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 7268-7278.	9.7	13
52	A Divisive Hierarchical Clustering Approach to Hyperspectral Band Selection. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-12.	4.7	12
53	Fixed-time leader-following consensus of multiple uncertain nonholonomic systems: An adaptive distributed observer approach. <i>Journal of the Franklin Institute</i> , 2022, 359, 6361-6391.	3.7	7
54	Saturated Sampled-Data Distributed Control for Interval Consensus of Multi-Agent Systems. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2022, 8, 1024-1036.	3.0	4

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55	Quasi-Synchronization Control of Multiple Electrohydraulic Actuators With Load Disturbance and Uncertain Parameters. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2048-2058.	6.1	16
56	Bipartite Consensus Tracking for Second-Order Multiagent Systems: A Time-Varying Function-Based Preset-Time Approach. IEEE Transactions on Automatic Control, 2021, 66, 2739-2745.	6.0	142
57	Detection against randomly occurring complex attacks on distributed state estimation. Information Sciences, 2021, 547, 539-552.	7.2	12
58	Passive vibration isolation of flexure jointed hexapod: A geometry design method. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 2496-2506.	2.0	2
59	Higher order sliding mode based lateral guidance and control of finless airship. Aerospace Science and Technology, 2021, 113, 106670.	4.9	14
60	Vision-based finite-time uncooperative target tracking for UAV subject to actuator saturation. Automatica, 2021, 130, 109708.	5.2	44
61	Three-dimensional terminal angle constraint finite-time dual-layer guidance law with autopilot dynamics. Aerospace Science and Technology, 2021, 116, 106818.	4.9	25
62	Sampled-data distributed protocol for coordinated aggregation of multi-agent systems subject to communication delays. Nonlinear Analysis: Hybrid Systems, 2021, 43, 101108.	3.6	4
63	Distributed Consensus Observer for Multiagent Systems With High-Order Integrator Dynamics. IEEE Transactions on Automatic Control, 2020, 65, 1771-1778.	6.0	106
64	Multimodal Target Detection by Sparse Coding: Application to Paint Loss Detection in Paintings. IEEE Transactions on Image Processing, 2020, 29, 7681-7696.	10.2	6
65	Enclosing Control for Stratospheric Airship to Circumnavigate a Moving Target. , 2020, , .		1
66	Parametric adaptive control of single-rod electrohydraulic system with block-strict-feedback model. Automatica, 2020, 113, 108807.	5.2	52
67	Practical Fixed-time Position Tracking Control of Permanent Magnet DC Torque Motor Systems. IEEE/ASME Transactions on Mechatronics, 2020, , 1-1.	6.1	10
68	Model Predictive Control for Discrete-time Linear Systems with Finite-time Convergence. , 2020, , .		2
69	Functional Rehabilitation using the Hybrid Assistive Limb Exoskeleton: A First Experience in the United States. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2020, 158, .	0.5	0
70	Distributed Optimization of Multiagent Systems With Preserved Network Connectivity. IEEE Transactions on Cybernetics, 2019, 49, 3980-3990.	10.1	33
71	Adaptive Backstepping Control of Uncertain Gear Transmission Servosystems With Asymmetric Dead-Zone Nonlinearity. IEEE Transactions on Industrial Electronics, 2019, 66, 3752-3762.	8.2	40
72	Adaptive Sliding Mode Control of Flexure Jointed Hexapods. , 2019, , .		0

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73	Fixed-Time Stability and Stabilization. , 2019, , 17-44.		1
74	Distributed Optimization: An Edge-Based Fixed-Time Consensus Approach. , 2019, , 105-125.		0
75	Fixed-Time Cooperative Control for Second-Order Multi-Agent Systems. , 2019, , 59-68.		1
76	Fixed-Time Cooperative Control for First-Order Multi-Agent Systems. , 2019, , 45-58.		2
77	Fixed-Time Cooperative Control for High-Order Multi-Agent Systems. , 2019, , 69-83.		0
78	Fixed-Time Cooperative Control for Nonholonomic Chained-Form Multi-Agent Systems. , 2019, , 85-104.		0
79	Distributed Optimization with Preserved Network Connectivity. , 2019, , 127-151.		0
80	Practical fixed-time consensus for integrator-type multi-agent systems: A time base generator approach. Automatica, 2019, 105, 406-414.	5.2	233
81	Fixed-time stabilization of general linear systems with input delay. Journal of the Franklin Institute, 2019, 356, 4467-4477.	3.7	29
82	Control strategy for fixed-time leader-follower consensus for multi-agent systems with chained-form dynamics. Nonlinear Dynamics, 2019, 96, 2693-2705.	5.3	25
83	Three-Dimensional Path-Following Backstepping Control for an Underactuated Stratospheric Airship. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 1483-1497.	4.9	42
84	Adaptive Finite-Time Attitude Tracking of Quadrotors With Experiments and Comparisons. IEEE Transactions on Industrial Electronics, 2019, 66, 9428-9438.	8.2	131
85	An Explicit Estimate for the Upper Bound of the Settling Time in Fixed-Time Leader-Following Consensus of High-Order Multivariable Multiagent Systems. IEEE Transactions on Industrial Electronics, 2019, 66, 6250-6259.	8.2	49
86	Robust three-dimensional path-following control for an under-actuated stratospheric airship. Advances in Space Research, 2019, 63, 526-538.	2.7	13
87	Fixed-Time Formation Control of Multirobot Systems: Design and Experiments. IEEE Transactions on Industrial Electronics, 2019, 66, 6292-6301.	8.2	142
88	Robust disturbance attenuation for a class of uncertain Lipschitz nonlinear systems with input delay. International Journal of Control, 2019, 92, 1015-1021.	2.0	3
89	Predictor-Based Extended-State-Observer Design for Consensus of MASs With Delays and Disturbances. IEEE Transactions on Cybernetics, 2019, 49, 1259-1269.	10.1	133
90	Distributed Optimization for Multiagent Systems: An Edge-Based Fixed-Time Consensus Approach. IEEE Transactions on Cybernetics, 2019, 49, 122-132.	10.1	213

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91	Fixed-Time Leader-Follower Output Feedback Consensus for Second-Order Multiagent Systems. IEEE Transactions on Cybernetics, 2019, 49, 1545-1550.	10.1	230
92	Effects of Multi-Component Mixtures from Sewage Treatment Plant Effluent on Common Carp ( <i>Cyprinus carpio</i> ) under Fully Realistic Condition. Environmental Management, 2019, 63, 466-484.	2.7	19
93	Online Power Scheduling for Distributed Filtering Over an Energy-Limited Sensor Network. IEEE Transactions on Industrial Electronics, 2018, 65, 4216-4226.	8.2	29
94	An Overview of Recent Advances in Fixed-Time Cooperative Control of Multiagent Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 2322-2334.	12.1	466
95	Multivariable uniform finite-time output feedback reentry attitude control for RLV with mismatched disturbance. Journal of the Franklin Institute, 2018, 355, 3470-3487.	3.7	30
96	Collective Behaviors of Mobile Robots Beyond the Nearest Neighbor Rules With Switching Topology. IEEE Transactions on Cybernetics, 2018, 48, 1577-1590.	10.1	176
97	Multivariable finite-time output feedback trajectory tracking control of quadrotor helicopters. International Journal of Robust and Nonlinear Control, 2018, 28, 281-295.	3.8	75
98	Fixed-Time Consensus Tracking for Multiagent Systems With High-Order Integrator Dynamics. IEEE Transactions on Automatic Control, 2018, 63, 563-570.	6.0	544
99	Adaptive fault tolerant control for trajectory tracking of a quadrotor helicopter. Transactions of the Institute of Measurement and Control, 2018, 40, 3560-3569.	1.9	17
100	Distributed Fixed-Time Coordinated Tracking for Nonlinear Multi-Agent Systems Under Directed Graphs. Asian Journal of Control, 2018, 20, 646-658.	2.9	42
101	Multivariable Finite Time Attitude Control for Quadrotor UAV: Theory and Experimentation. IEEE Transactions on Industrial Electronics, 2018, 65, 2567-2577.	8.2	226
102	Nonlinear Robust Flight Mode Transition Control for Tail-Sitter Aircraft. IEEE Access, 2018, 6, 65909-65921.	4.4	7
103	Fixed-time stabilization of high-order integrator systems with mismatched disturbances. Nonlinear Dynamics, 2018, 94, 2889-2899.	5.3	68
104	Deciphering the role of VPS35 in Parkinson's disease. Journal of Neuroscience Research, 2018, 96, 1339-1340.	3.0	4
105	Adaptive output feedback control of uncertain gear transmission system with dead zone nonlinearity. , 2018, , .		2
106	Nonlinear robust control of tail-sitter aircrafts in flight mode transitions. Aerospace Science and Technology, 2018, 81, 348-361.	4.9	38
107	A Truncated Prediction Approach to Consensus Control of Lipschitz Nonlinear Multiagent Systems With Input Delay. IEEE Transactions on Control of Network Systems, 2017, 4, 716-724.	4.0	88
108	Backstepping control for gear transmission servo systems with unknown partially nonsymmetric deadzone nonlinearity. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 2580-2589.	2.0	3

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109	Leader-follower fixed-time consensus of multi-agent systems with high-order integrator dynamics. International Journal of Control, 2017, 90, 1420-1427.	2.0	109
110	A fixed-time output feedback control scheme for double integrator systems. Automatica, 2017, 80, 17-24.	5.2	302
111	Active Debris Removal Using Double-Tethered Space-Tug System. Journal of Guidance, Control, and Dynamics, 2017, 40, 722-730.	3.3	51
112	Truncated Predictor Control of Lipschitz Nonlinear Systems With Time-Varying Input Delay. IEEE Transactions on Automatic Control, 2017, 62, 5324-5330.	6.0	44
113	Distributed fixed-time cooperative tracking control for multi-robot systems. , 2017, , .		6
114	Fixed-time nonlinear consensus algorithms for multi-agent systems with input delay. , 2017, , .		3
115	Formation control with disturbance rejection for a class of Lipschitz nonlinear systems. Science China Information Sciences, 2017, 60, 1.	4.5	35
116	Robust attitude control for quadrotors with input time delays. Control Engineering Practice, 2017, 58, 142-149.	5.7	24
117	Robust consensus control of uncertain multi-agent systems with input delay: a model reduction method. International Journal of Robust and Nonlinear Control, 2017, 27, 1874-1894.	3.8	50
118	Consensus disturbance rejection for Lipschitz nonlinear multi-agent systems with input delay: A DOBC approach. Journal of the Franklin Institute, 2017, 354, 298-315.	3.7	58
119	Robust Control for Quadrotors With Multiple Time-Varying Uncertainties and Delays. IEEE Transactions on Industrial Electronics, 2017, 64, 1303-1312.	8.2	123
120	$L_1$ Adaptive Backstepping for Robust Trajectory Tracking of UAVs. IEEE Transactions on Industrial Electronics, 2017, 64, 2944-2954.	8.2	64
121	Consensus disturbance rejection of network-connected dynamic systems with input delay and unknown network connectivity * *This research was supported by the National Natural Science Foundation of China (No. 61673034), and the China Scholarship Council (CSC).. IFAC-PapersOnLine, 2017, 50, 10357-10362.	1.0	4
122	Backstepping control of sandwich-like nonlinear systems with deadzone nonlinearity. IET Control Theory and Applications, 2017, 11, 3122-3129.	2.2	10
123	Control scheme for LTI systems with Lipschitz nonlinearity and unknown time-varying input delay. IET Control Theory and Applications, 2017, 11, 3191-3195.	2.2	12
124	Adaptive backstepping control of gear transmission systems with elastic deadzone. , 2017, , .		2
125	Three dimensional path-following control of an under-actuated airship. , 2016, , .		5
126	Cooperative control of distributed battery energy storage systems in Microgrids. , 2016, , .		5



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127	Trajectory tracking of a quadrotor helicopter based on $\hat{\alpha}_1$ adaptive control. , 2016, , .		0
128	Adaptive control of uncertain gear transmission servo systems with dead-zone nonlinearity. , 2016, , .		4
129	Attitude tracking control of a 3-DOF helicopter with input and output constraints. , 2016, , .		1
130	Nodes selection strategy in cooperative tracking problem. Automatica, 2016, 74, 118-125.	5.2	31
131	Fixed-time stabilization of second-order uncertain multivariable nonlinear systems. , 2016, , .		7
132	Fixed-time stabilisation and consensus of nonholonomic systems. IET Control Theory and Applications, 2016, 10, 2497-2505.	2.2	72
133	Approximate analysis for main rotor flapping dynamics of a model-scaled helicopter with Bell-Hiller stabilizing bar in hovering and vertical flights. Nonlinear Dynamics, 2016, 85, 1705-1717.	5.3	7
134	Distributed robust finite-time nonlinear consensus protocols for multi-agent systems. International Journal of Systems Science, 2016, 47, 1366-1375.	5.6	558
135	Truncated Prediction Output Feedback Control of a Class of Lipschitz Nonlinear Systems With Input Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 788-792.	3.2	31
136	Control of Gear Transmission Servo Systems With Asymmetric Deadzone Nonlinearity. IEEE Transactions on Control Systems Technology, 2016, 24, 1472-1479.	5.4	37
137	Signed-average consensus for networks of agents: a nonlinear fixed-time convergence protocol. Nonlinear Dynamics, 2016, 85, 155-165.	5.3	66
138	Leader-follower consensus control of Lipschitz nonlinear systems by output feedback. International Journal of Systems Science, 2016, 47, 3772-3781.	5.6	14
139	Robust Three-Loop Trajectory Tracking Control for Quadrotors with Multiple Uncertainties. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	8.2	81
140	Almost global trajectory tracking control of quadrotors with constrained control inputs. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2016, 230, 856-869.	1.3	9
141	Chattering-free sliding mode control for MIMO nonlinear manipulator systems based on adaptive neural networks. , 2015, , .		1
142	User Beware: We Need More Science and Less Art When Measuring Financial Toxicity in Oncology. Journal of Clinical Oncology, 2015, 33, 1414-1415.	15.4	17
143	Controlled Lagrangians control for a quadrotor helicopter. , 2015, , .		1
144	Calcium bromide hydration for heat storage systems. Cogent Engineering, 2015, 2, 1064218.	2.3	3

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145	Nonsingular fixed-time consensus tracking for second-order multi-agent networks. <i>Automatica</i> , 2015, 54, 305-309.	5.2	828
146	Non-singular fixed-time terminal sliding mode control of nonlinear systems. <i>IET Control Theory and Applications</i> , 2015, 9, 545-552.	2.2	420
147	Backstepping Control for Gear Transmission Servo Systems With Backlash Nonlinearity. <i>IEEE Transactions on Automation Science and Engineering</i> , 2015, 12, 752-757.	5.7	58
148	Consensus Control of a Class of Lipschitz Nonlinear Systems With Input Delay. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015, 62, 2730-2738.	5.8	118
149	Three-dimensional coordinated path-following control for second-order multi-agent networks. <i>Journal of the Franklin Institute</i> , 2015, 352, 3858-3872.	3.7	24
150	$L_1$ adaptive control of uncertain gear transmission servo systems with deadzone nonlinearity. <i>ISA Transactions</i> , 2015, 58, 67-75.	6.2	17
151	Nonlinear adaptive trajectory tracking control for a quad-rotor with parametric uncertainty. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2015, 229, 1709-1721.	1.3	24
152	Augmented $L_1$ adaptive tracking control of quad-rotor unmanned aircrafts. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2014, 50, 3090-3101.	4.9	107
153	A new coordinated path-following control for second-order multi-agent systems. , 2014, , .		2
154	Adaptive trajectory tracking control of output constrained multi-rotors systems. <i>IET Control Theory and Applications</i> , 2014, 8, 1163-1174.	2.2	227
155	A new class of finite-time nonlinear consensus protocols for multi-agent systems. <i>International Journal of Control</i> , 2014, 87, 363-370.	2.0	442
156	Fixed-time consensus for multi-agent systems under directed and switching interaction topology. , 2014, , .		23
157	Three-Dimensional Consensus Path-Following for Second-Order Multi-Agent Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 10060-10065.	0.4	4
158	Hyperbolic tangent function based adaptive trajectory tracking control for quadrotors. , 2013, , .		4
159	Adaptive trajectory tracking control design with command filtered compensation for a quadrotor. <i>JVC/Journal of Vibration and Control</i> , 2013, 19, 94-108.	2.7	75
160	$L_1$ Backstepping for Robust Trajectory Tracking*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 1-6.	0.4	3
161	Adaptive Trajectory Tracking of Stratospheric Airship Based on Input-output Stability Theory. , 2011, , .		1
162	Modeling, Stability Analysis and Simulation of a Stratosphere Hybrid Tethered Platform. , 2011, , .		1

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163	Algebraic Displacement Correlation in Two-Dimensional Polymer Melts. <i>Physical Review Letters</i> , 2010, 105, 037802.	8.0	31
164	Trajectory Tracking Control of a Quadrotor Unmanned Mini-Helicopter. , 2010, , .		12
165	Sequential Binding of Cytosolic Phox Complex to Phagosomes through Regulated Adaptor Proteins: Evaluation Using the Novel Monomeric Kusabira-Green System and Live Imaging of Phagocytosis. <i>Journal of Immunology</i> , 2008, 181, 629-640.	0.8	50
166	Physical Structure of the Protoâ€“Planetary Nebula CRL 618. I. Optical Longâ€“Slit Spectroscopy and Imaging. <i>Astrophysical Journal</i> , 2002, 578, 269-289.	4.7	38
167	Temperature Dependence of Physicalâ€“Chemical Properties of Selected Chemicals of Environmental Interest. I. Mononuclear and Polynuclear Aromatic Hydrocarbons. <i>Journal of Physical and Chemical Reference Data</i> , 2000, 29, 41-130.	4.4	102
168	On the predictive value of entry-level skills for successful studying in medical school. <i>Higher Education</i> , 1999, 37, 239-258.	4.6	28
169	Inherited and Experimentally Induced Changes in Gating Kinetics of Muscle Nicotinic Acetylcholine Receptor. <i>Journal of Molecular Neuroscience</i> , 1999, 13, 1-16.	2.4	0