Zongyu Zuo

List of Publications by Year in descending order

Source: //exaly.com/author-pdf/8829984/publications.pdf

Version: 2024-02-01

169	8,831	60835	43165
papers	citations	43	92
		h-index	g-index

174	174	174	5543
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonsingular fixed-time consensus tracking for second-order multi-agent networks. Automatica, 2015, 54, 305-309.	5.2	828
2	Distributed robust finite-time nonlinear consensus protocols for multi-agent systems. International Journal of Systems Science, 2016, 47, 1366-1375.	5.6	558
3	Fixed-Time Consensus Tracking for Multiagent Systems With High-Order Integrator Dynamics. IEEE Transactions on Automatic Control, 2018, 63, 563-570.	6.0	544
4	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
5	A new class of finite-time nonlinear consensus protocols for multi-agent systems. International Journal of Control, 2014, 87, 363-370.	2.0	442
6	Nonâ€singular fixedâ€time terminal sliding mode control of nonâ€linear systems. IET Control Theory and Applications, 2015, 9, 545-552.	2.2	420
7	A fixed-time output feedback control scheme for double integrator systems. Automatica, 2017, 80, 17-24.	5.2	302
8	Practical fixed-time consensus for integrator-type multi-agent systems: A time base generator approach. Automatica, 2019, 105, 406-414.	5.2	233
9	Fixed-Time Leaderâ€“Follower Output Feedback Consensus for Second-Order Multiagent Systems. IEEE Transactions on Cybernetics, 2019, 49, 1545-1550.	10.1	230
10	Adaptive trajectory tracking control of output constrained multiâ€rotors systems. IET Control Theory and Applications, 2014, 8, 1163-1174.	2.2	227
11	Multivariable Finite Time Attitude Control for Quadrotor UAV: Theory and Experimentation. IEEE Transactions on Industrial Electronics, 2018, 65, 2567-2577.	8.2	226
12	Distributed Optimization for Multiagent Systems: An Edge-Based Fixed-Time Consensus Approach. IEEE Transactions on Cybernetics, 2019, 49, 122-132.	10.1	213
13	Collective Behaviors of Mobile Robots Beyond the Nearest Neighbor Rules With Switching Topology. IEEE Transactions on Cybernetics, 2018, 48, 1577-1590.	10.1	176
14	An Overview of Finite/Fixed-Time Control and Its Application in Engineering Systems. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 2106-2120.	13.9	148
15	Fixed-Time Formation Control of Multirobot Systems: Design and Experiments. IEEE Transactions on Industrial Electronics, 2019, 66, 6292-6301.	8.2	142
16	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
17	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
18	Adaptive Finite-Time Attitude Tracking of Quadrotors With Experiments and Comparisons. IEEE Transactions on Industrial Electronics, 2019, 66, 9428-9438.	8.2	131

#	Article	IF	Citations
19	Robust Control for Quadrotors With Multiple Time-Varying Uncertainties and Delays. IEEE Transactions on Industrial Electronics, 2017, 64, 1303-1312.	8.2	123
20	Consensus Control of a Class of Lipschitz Nonlinear Systems With Input Delay. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 2730-2738.	5.8	118
21	Leaderâ€“follower fixed-time consensus of multi-agent systems with high-order integrator dynamics. International Journal of Control, 2017, 90, 1420-1427.	2.0	109
22	Augmented L₁ adaptive tracking control of quad-rotor unmanned aircrafts. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 3090-3101.	4.9	107
23	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
24	Distributed Consensus Observer for Multiagent Systems With High-Order Integrator Dynamics. IEEE Transactions on Automatic Control, 2020, 65, 1771-1778.	6.0	106
25	Temperature Dependence of Physicalâ€“Chemical Properties of Selected Chemicals of Environmental Interest. I. Mononuclear and Polynuclear Aromatic Hydrocarbons. Journal of Physical and Chemical Reference Data, 2000, 29, 41-130.	4.4	102
26	Unmanned Aerial Vehicles: Control Methods and Future Challenges. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 601-614.	13.9	94
27	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
28	Robust Three-Loop Trajectory Tracking Control for Quadrotors with Multiple Uncertainties. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	8.2	81
29	Adaptive trajectory tracking control design with command filtered compensation for a quadrotor. JVC/Journal of Vibration and Control, 2013, 19, 94-108.	2.7	75
30	Multivariable finiteâ€time output feedback trajectory tracking control of quadrotor helicopters. International Journal of Robust and Nonlinear Control, 2018, 28, 281-295.	3.8	75
31	Fixedâ€time stabilisation and consensus of nonâ€holonomic systems. IET Control Theory and Applications, 2016, 10, 2497-2505.	2.2	72
32	Fixed-time stabilization of high-order integrator systems with mismatched disturbances. Nonlinear Dynamics, 2018, 94, 2889-2899.	5.3	68
33	Signed-average consensus for networks of agents: a nonlinear fixed-time convergence protocol. Nonlinear Dynamics, 2016, 85, 155-165.	5.3	66
34	$mathcal {L}_{1}$ Adaptive Backstepping for Robust Trajectory Tracking of UAVs. IEEE Transactions on Industrial Electronics, 2017, 64, 2944-2954.	8.2	64
35	Backstepping Control for Gear Transmission Servo Systems With Backlash Nonlinearity. IEEE Transactions on Automation Science and Engineering, 2015, 12, 752-757.	5.7	58
36	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

#	Article	IF	Citations
37	Robust Fixed-Time Stabilization Control of Generic Linear Systems With Mismatched Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 759-768.	9.7	53
38	Parametric adaptive control of single-rod electrohydraulic system with block-strict-feedback model. Automatica, 2020, 113, 108807.	5.2	52
39	Active Debris Removal Using Double-Tethered Space-Tug System. Journal of Guidance, Control, and Dynamics, 2017, 40, 722-730.	3.3	51
40	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. Journal of Immunology, 2008, 181, 629-640.	0.8	50
41	Robust consensus control of uncertain multiâ€agent systems with input delay: a model reduction method. International Journal of Robust and Nonlinear Control, 2017, 27, 1874-1894.	3.8	50
42	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
43	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
44	Truncated Predictor Control of Lipschitz Nonlinear Systems With Time-Varying Input Delay. IEEE Transactions on Automatic Control, 2017, 62, 5324-5330.	6.0	44
45	Vision-based finite-time uncooperative target tracking for UAV subject to actuator saturation. Automatica, 2021, 130, 109708.	5.2	44
46	Fixed-Time Terminal Angle-Constrained Cooperative Guidance Law Against Maneuvering Target. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1352-1366.	4.9	44
47	Distributed Fixedâ€Time Coordinated Tracking for Nonlinear Multiâ€Agent Systems Under Directed Graphs. Asian Journal of Control, 2018, 20, 646-658.	2.9	42
48	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
49	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
50	Nonlinear robust control of tail-sitter aircrafts in flight mode transitions. Aerospace Science and Technology, 2018, 81, 348-361.	4.9	38
51	Physical Structure of the Protoâ€“Planetary Nebula CRL 618. I. Optical Longâ€Slit Spectroscopy and Imaging. Astrophysical Journal, 2002, 578, 269-289.	4.7	38
52	Control of Gear Transmission Servo Systems With Asymmetric Deadzone Nonlinearity. IEEE Transactions on Control Systems Technology, 2016, 24, 1472-1479.	5.4	37
53	Formation control with disturbance rejection for a class of Lipschitz nonlinear systems. Science China Information Sciences, 2017, 60, 1.	4.5	35
54	Distributed Optimization of Multiagent Systems With Preserved Network Connectivity. IEEE Transactions on Cybernetics, 2019, 49, 3980-3990.	10.1	33

#	Article	IF	Citations
55	Impact-Angle-Constrained Cooperative Guidance for Salvo Attack. Journal of Guidance, Control, and Dynamics, 2022, 45, 684-703.	3.3	32
56	Algebraic Displacement Correlation in Two-Dimensional Polymer Melts. Physical Review Letters, 2010, 105, 037802.	8.0	31
57	Nodes selection strategy in cooperative tracking problem. Automatica, 2016, 74, 118-125.	5.2	31
58	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
59	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
60	Online Power Scheduling for Distributed Filtering Over an Energy-Limited Sensor Network. IEEE Transactions on Industrial Electronics, 2018, 65, 4216-4226.	8.2	29
61	Fixed-time stabilization of general linear systems with input delay. Journal of the Franklin Institute, 2019, 356, 4467-4477.	3.7	29
62	A survey on modelling, control and challenges of stratospheric airships. Control Engineering Practice, 2022, 119, 104979.	5.7	29
63	On the predictive value of entry-level skills for successful studying in medical school. Higher Education, 1999, 37, 239-258.	4.6	28
64	Coordinated Planar Path-Following Control for Multiple Nonholonomic Wheeled Mobile Robots. IEEE Transactions on Cybernetics, 2022, 52, 9404-9413.	10.1	27
65	Three-dimensional time-varying sliding mode guidance law against maneuvering targets with terminal angle constraint. Chinese Journal of Aeronautics, 2022, 35, 303-319.	5.4	26
66	Control strategy for fixed-time leaderâ€“follower consensus for multi-agent systems with chained-form dynamics. Nonlinear Dynamics, 2019, 96, 2693-2705.	5.3	25
67	Three-dimensional terminal angle constraint finite-time dual-layer guidance law with autopilot dynamics. Aerospace Science and Technology, 2021, 116, 106818.	4.9	25
68	Three-dimensional coordinated path-following control for second-order multi-agent networks. Journal of the Franklin Institute, 2015, 352, 3858-3872.	3.7	24
69	Nonlinear adaptive trajectory tracking control for a quad-rotor with parametric uncertainty. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2015, 229, 1709-1721.	1.3	24
70	Robust attitude control for quadrotors with input time delays. Control Engineering Practice, 2017, 58, 142-149.	5.7	24
71	Fixed-time consensus for multi-agent systems under directed and switching interaction topology. , 2014, , .		23
72	Effects of Multi-Component Mixtures from Sewage Treatment Plant Effluent on Common Carp (Cyprinus carpio) under Fully Realistic Condition. Environmental Management, 2019, 63, 466-484.	2.7	19

#	Article	IF	Citations
73	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
74	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0014.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">L</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:math> adaptive control of uncertain gear transmission servo systems with deadzone nonlinearity. ISA Transactions, 2015, 58, 67-75.	6.2	17
75	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
76	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
77	Leader-follower consensus control of Lipschitz nonlinear systems by output feedback. International Journal of Systems Science, 2016, 47, 3772-3781.	5.6	14
78	Higher order sliding mode based lateral guidance and control of finless airship. Aerospace Science and Technology, 2021, 113, 106670.	4.9	14
79	Robust three-dimensional path-following control for an under-actuated stratospheric airship. Advances in Space Research, 2019, 63, 526-538.	2.7	13
80	Adaptive Backstepping Control of Uncertain Sandwich-Like Nonlinear Systems With Deadzone Nonlinearity. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7268-7278.	9.7	13
81	Trajectory Tracking Control of a Quadrotor Unmanned Mini-Helicopter. , 2010, , .		12
82	Control scheme for LTI systems with Lipschitz nonâ€linearity and unknown timeâ€varying input delay. IET Control Theory and Applications, 2017, 11, 3191-3195.	2.2	12
83	Detection against randomly occurring complex attacks on distributed state estimation. Information Sciences, 2021, 547, 539-552.	7.2	12
84	A Divisive Hierarchical Clustering Approach to Hyperspectral Band Selection. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	12
85	Backstepping control of sandwichâ€like nonâ€linear systems with deadzone nonâ€linearity. IET Control Theory and Applications, 2017, 11, 3122-3129.	2.2	10
86	Practical Fixed-time Position Tracking Control of Permanent Magnet DC Torque Motor Systems. IEEE/ASME Transactions on Mechatronics, 2020, , 1-1.	6.1	10
87	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
88	Event-triggered based practical fixed-time consensus for chained-form multi-agent systems with dynamic disturbances. Neurocomputing, 2022, 493, 414-421.	6.2	9
89	Three-Dimensional Spatialâ€“Temporal Cooperative Guidance Without Active Speed Control. Journal of Guidance, Control, and Dynamics, 2023, 46, 1981-1996.	3.3	9
90	Multi-circular formation control with reinforced transient profiles for nonholonomic vehicles: A path-following framework. Defence Technology, 2024, 31, 278-287.	4.6	8

#	Article	IF	Citations
91	Fixed-time stabilization of second-order uncertain multivariable nonlinear systems. , 2016, , .		7
92	Approximate analysis for main rotor flapping dynamics of a model-scaled helicopter with Bellâ€“Hiller stabilizing bar in hovering and vertical flights. Nonlinear Dynamics, 2016, 85, 1705-1717.	5.3	7
93	Nonlinear Robust Flight Mode Transition Control for Tail-Sitter Aircraft. IEEE Access, 2018, 6, 65909-65921.	4.4	7
94	Fixed-time leader-following consensus of multiple uncertain nonholonomic systems: An adaptive distributed observer approach. Journal of the Franklin Institute, 2022, 359, 6361-6391.	3.7	7
95	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
96	Distributed fixed-time cooperative tracking control for multi-robot systems. , 2017, , .		6
97	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
98	Social Media Images as an Emerging Tool to Monitor Adherence to COVID-19 Public Health Guidelines: Content Analysis. Journal of Medical Internet Research, 2022, 24, e24787.	4.5	6
99	Three dimensional path-following control of an under-actuated airship. , 2016, , .		5
100	Cooperative control of distributed battery energy storage systems in Microgrids. , 2016, , .		5
101	Distributed Interval Consensus of Multiagent Systems With a Pulse Width Modulation Protocol. IEEE Transactions on Automatic Control, 2023, 68, 1730-1737.	6.0	5
102	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
103	Hyperbolic tangent function based adaptive trajectory tracking control for quadrotors. , 2013, , .		4
104	Three-Dimensional Consensus Path-Following for Second-Order Multi-Agent Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10060-10065.	0.4	4
105	Adaptive control of uncertain gear transmission servo systems with dead-zone nonlinearity. , 2016, , .		4
106	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
107	Deciphering the role of VPS35 in Parkinson's disease. Journal of Neuroscience Research, 2018, 96, 1339-1340.	3.0	4
108	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

#	Article	IF	Citations
109	Saturated Sampled-Data Distributed Control for Interval Consensus of Multi-Agent Systems. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 1024-1036.	3.0	4
110	Robust Leaderâ€“Follower Cooperative Guidance Under False-Data Injection Attacks. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 4511-4524.	4.9	4
111	New Class $mathcal {K}_infty$ Function-Based Adaptive Sliding Mode Control. IEEE Transactions on Automatic Control, 2023, 68, 7840-7847.	6.0	4
112	Consensus robustness of multi-agent systems against heterogeneous asymmetric input saturations and asynchronous time-varying communication delays. Information Sciences, 2023, 647, 119483.	7.2	4
113	â„'1 Backstepping for Robust Trajectory Tracking*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1-6.	0.4	3
114	Calcium bromide hydration for heat storage systems. Cogent Engineering, 2015, 2, 1064218.	2.3	3
115	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
116	Fixed-time nonlinear consensus algorithms for multi-agent systems with input delay. , 2017, , .		3
117	Robust â„'₂disturbance attenuation for a class of uncertain Lipschitz nonlinear systems with input delay. International Journal of Control, 2019, 92, 1015-1021.	2.0	3
118	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
119	A new coordinated path-following control for second-order multi-agent systems. , 2014, , .		2
120	Adaptive backstepping control of gear transmission systems with elastic deadzone. , 2017, , .		2
121	Adaptive output feedback control of uncertain gear transmission system with dead zone nonlinearity. , 2018, , .		2
122	Fixed-Time Cooperative Control for First-Order Multi-Agent Systems. , 2019, , 45-58.		2
123	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
124	Model Predictive Control for Discrete-time Linear Systems with Finite-time Convergence. , 2020, , .		2
125	A Prospective Real-World Study Exploring Associations Between Passively Collected Tracker Data and Headache Burden Among Individuals with Tension-Type Headache and Migraine. Pain and Therapy, 2022, 11, 153-170.	3.2	2
126	Reinforcement Learning Control for Moving Target Landing of VTOL UAVs With Motion Constraints. IEEE Transactions on Industrial Electronics, 2024, 71, 7735-7744.	8.2	2

#	Article	IF	Citations
127	Adaptive Trajectory Tracking of Stratospheric Airship Based on Input-output Stability Theory. , 2011, , .		1
128	Modeling, Stability Analysis and Simulation of a Stratosphere Hybrid Tethered Platform. , 2011, , .		1
129	Chattering-free sliding mode control for MIMO nonlinear manipulator systems based on adaptive neural networks. , 2015, , .		1
130	Controlled Lagrangians control for a quadrotor helicopter. , 2015, , .		1
131	Attitude tracking control of a 3-DOF helicopter with input and output constraints. , 2016, , .		1
132	Fixed-Time Stability and Stabilization. , 2019, , 17-44.		1
133	Fixed-Time Cooperative Control for Second-Order Multi-Agent Systems. , 2019, , 59-68.		1
134	Enclosing Control for Stratospheric Airship to Circumnavigate a Moving Target. , 2020, , .		1
135	Consensus Control of Multi-Agent Systems With Different State Constraints and Event-Triggered Communication. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, 71, 817-821.	3.2	1
136	Fixed-time Consensus Control of General Linear Multi-agent Systems. IEEE Transactions on Automatic Control, 2024, , 1-8.	6.0	1
137	Inherited and Experimentally Induced Changes in Gating Kinetics of Muscle Nicotinic Acetylcholine Receptor. Journal of Molecular Neuroscience, 1999, 13, 1-16.	2.4	0
138	Trajectory tracking of a quadrotor helicopter based on â„'₁ adaptive control. , 2016, , .		0
139	Adaptive Sliding Mode Control of Flexure Jointed Hexapods. , 2019, , .		0
140	Distributed Optimization: An Edge-Based Fixed-Time Consensus Approach. , 2019, , 105-125.		0
141	Fixed-Time Cooperative Control forÂHigh-Order Multi-Agent Systems. , 2019, , 69-83.		0
142	Fixed-Time Cooperative Control for Nonholonomic Chained-Form Multi-Agent Systems. , 2019, , 85-104.		0
143	Distributed Optimization with Preserved Network Connectivity. , 2019, , 127-151.		0
144	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

#	Article	IF	Citations
145	Robust adaptive sliding mode tracking control for a rigid body based on Lie subgroups of SO(3). Discrete and Continuous Dynamical Systems - Series S, 2022, .	1.1	0
146	Finite-time general function consensus for multi-agent systems over signed digraphs. Journal of the Franklin Institute, 2023, 360, 7808-7831.	3.7	0
147	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
148	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
149	Distributed Finite-Time Average Consensus Over Unbalanced Digraphs via Broadcast Mode. IEEE Transactions on Network Science and Engineering, 2024, 11, 494-510.	6.8	0
150	Consensus of Saturated Multiagent Systems: Tolerance to Nonidentical Asymmetric Saturation Levels. IEEE Transactions on Automatic Control, 2024, 69, 1804-1811.	6.0	0
151	Geometric Attitude Tracking Control for Rigid Body Based on a Novel Attitude Error Dynamic Model on SO(3). IEEE Transactions on Automation Science and Engineering, 2023, , 1-16.	5.7	0
152	Convergence of Opinion Dynamics With Heterogeneous Asymmetric Saturation Levels and Time-Varying Delays. IEEE Transactions on Network Science and Engineering, 2024, 11, 3189-3198.	6.8	0
153	Motion-pressure coupled control and simulation of long-endurance capability for multicapsule stratospheric airships. Chinese Journal of Aeronautics, 2024, 37, 137-150.	5.4	0
154	Distributed Output-Feedback Asymptotic Consensus Tracking for High-Order Multiagent Systems With Quantized Input. IEEE Transactions on Cybernetics, 2024, , 1-13.	10.1	0
155	Vision-based finite-time prescribed performance control for uncooperative UAV target-tracking subject to field of view constraints. ISA Transactions, 2024, 149, 168-177.	6.2	0
156	Predictive modeling for early detection of biliary atresia in infants with cholestasis: Insights from a machine learning study. Computers in Biology and Medicine, 2024, 174, 108439.	7.3	0
157	Fault-Tolerant Formation Control for Leader-Follower Flight Vehicles Under Malicious Attacks. IEEE Transactions on Intelligent Vehicles, 2024, , 1-15.	14.7	0
158	Fixed-time cooperative output regulation for second-order nonlinear multiagent systems with an unknown exosystem. Applied Mathematics and Computation, 2024, 476, 128762.	2.3	0
159	Cooperative Tracking of Quadrotor UAVs Using Parallel Optimal Learning Control. IEEE Transactions on Automation Science and Engineering, 2024, , 1-12.	5.7	0
160	Prescribed-Time Maneuvering Target Closing for Multiple Fixed-wing UAVs. IEEE Transactions on Vehicular Technology, 2024, , 1-11.	6.7	0
161	Exponential Predefined Time Trajectory Tracking Control for Fixed-Wing UAV With Input Saturation. IEEE Transactions on Aerospace and Electronic Systems, 2024, , 1-14.	4.9	0
162	Fixed-time stabilization with dead-zone optimization. Systems and Control Letters, 2024, 189, 105835.	2.3	0

#	Article	IF	Citations
163	Prescribed-Time Elliptical Circumnavigation for Multiple Moving Targets by Multi-UAVs. IEEE Transactions on Intelligent Vehicles, 2024, , 1-10.	14.7	0
164	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
165	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
166	A Probabilistic Approach for Predicting Vessel Motion. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 1877-1879.	13.9	0
167	A Novel Prescribed-Performance Path-Following Problem for Non-Holonomic Vehicles. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 1476-1484.	13.9	0
168	Event-based model predictive control with two-phase predictive detection. Journal of the Franklin Institute, 2024, , 107172.	3.7	0
169	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