Qinglei Hu

List of Publications by Year
in descending order

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187 papers	6,376 citations	38720 50 h-index	76872 74 g-index
190 all docs	190 docs citations	190 times ranked	2421 citing authors

#	Article	IF	Citations
1	Fixed-Time Attitude Control for Rigid Spacecraft With Actuator Saturation and Faults. IEEE Transactions on Control Systems Technology, 2016, 24, 1892-1898.	3.2	372
2	Adaptive Fault-Tolerant Attitude Tracking Control of Spacecraft With Prescribed Performance. IEEE/ASME Transactions on Mechatronics, 2018, 23, 331-341.	3.7	257
3	Fault-Tolerant Prescribed Performance Attitude Tracking Control for Spacecraft Under Input Saturation. IEEE Transactions on Control Systems Technology, 2020, 28, 574-582.	3.2	180
4	Continuous finite-time extended state observer based fault tolerant control for attitude stabilization. Aerospace Science and Technology, 2019, 84, 204-213.	2.5	135
5	Fault-Tolerant Tracking Control of Spacecraft with Attitude-Only Measurement Under Actuator Failures. Journal of Guidance, Control, and Dynamics, 2014, 37, 838-849.	1.6	127
6	Continuous Finite-Time Attitude Control for Rigid Spacecraft Based on Angular Velocity Observer. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1082-1092.	2.6	127
7	Robust adaptive sliding mode attitude maneuvering andÂvibration damping of three-axis-stabilized flexible spacecraft with actuator saturation limits. Nonlinear Dynamics, 2009, 55, 301-321.	2.7	124
8	Observer-Based Fault-Tolerant Attitude Control for Rigid Spacecraft. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 2572-2582.	2.6	122
9	Event-Triggered Adaptive Attitude Tracking Control for Spacecraft With Unknown Actuator Faults. IEEE Transactions on Industrial Electronics, 2020, 67, 2241-2250.	5.2	121
10	Fixed-time rendezvous control of spacecraft with a tumbling target under loss of actuator effectiveness. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 1576-1586.	2.6	120
11	Robust Fault-Tolerant Tracking Control for Spacecraft Proximity Operations Using Time-Varying Sliding Mode. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2-17.	2.6	120
12	Tracking control of spacecraft formation flying with collision avoidance. Aerospace Science and Technology, 2015, 42, 353-364.	2.5	116
13	Decentralized Finite Time Attitude Synchronization Control of Satellite Formation Flying. Journal of Guidance, Control, and Dynamics, 2013, 36, 185-195.	1.6	114
14	Attitude Stabilization of Spacecrafts Under Actuator Saturation and Partial Loss of Control Effectiveness. IEEE Transactions on Control Systems Technology, 2013, 21, 2251-2263.	3.2	108
15	Finite-Time Attitude Tracking of Spacecraft With Fault-Tolerant Capability. IEEE Transactions on Control Systems Technology, 2015, 23, 1338-1350.	3.2	104
16	Robust Saturated Finite Time Output Feedback Attitude Stabilization for Rigid Spacecraft. Journal of Guidance, Control, and Dynamics, 2014, 37, 1914-1929.	1.6	98
17	Sliding-Mode Impact Time Guidance Law Design for Various Target Motions. Journal of Guidance, Control, and Dynamics, 2019, 42, 136-148.	1.6	95
18	Observer-Based Output Feedback Attitude Stabilization for Spacecraft With Finite-Time Convergence. IEEE Transactions on Control Systems Technology, 2019, 27, 781-789.	3.2	89

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19	Fault-tolerant sliding mode attitude control for flexible spacecraft under loss of actuator effectiveness. Nonlinear Dynamics, 2011, 64, 13-23.	2.7	88
20	Event-Triggered Adaptive Control for a Class of Nonlinear Systems With Unknown Control Direction and Sensor Faults. IEEE Transactions on Automatic Control, 2020, 65, 763-770.	3.6	86
21	Robust attitude control design for spacecraft under assigned velocity and control constraints. ISA Transactions, 2013, 52, 480-493.	3.1	83
22	Smooth finite-time fault-tolerant attitude tracking control for rigid spacecraft. Aerospace Science and Technology, 2016, 55, 144-157.	2.5	83
23	Spacecraft attitude fault-tolerant control based on iterative learning observer and control allocation. Aerospace Science and Technology, 2018, 75, 245-253.	2.5	83
24	Adaptive fault-tolerant attitude control for satellite reorientation under input saturation. Aerospace Science and Technology, 2018, 78, 171-182.	2.5	80
25	New Impact Time and Angle Guidance Strategy via Virtual Target Approach. Journal of Guidance, Control, and Dynamics, 2018, 41, 1755-1765.	1.6	79
26	6 DOF synchronized control for spacecraft formation flying with input constraint and parameter uncertainties. ISA Transactions, 2011, 50, 573-580.	3.1	78
27	Extended State Observer based robust attitude control of spacecraft with input saturation. Aerospace Science and Technology, 2016, 50, 173-182.	2.5	78
28	Relative position finite-time coordinated tracking control of spacecraft formation without velocity measurements. ISA Transactions, 2015, 54, 60-74.	3.1	77
29	Safety Control for Spacecraft Autonomous Rendezvous and Docking Under Motion Constraints. Journal of Guidance, Control, and Dynamics, 2017, 40, 1680-1692.	1.6	75
30	Sliding mode maneuvering control and active vibration damping of three-axis stabilized flexible spacecraft with actuator dynamics. Nonlinear Dynamics, 2008, 52, 227-248.	2.7	71
31	Reaction Wheel Fault Compensation and Disturbance Rejection for Spacecraft Attitude Tracking. Journal of Guidance, Control, and Dynamics, 2013, 36, 1565-1575.	1.6	70
32	Reaction wheel fault tolerant control for spacecraft attitude stabilization with finiteâ€time convergence. International Journal of Robust and Nonlinear Control, 2013, 23, 1737-1752.	2.1	69
33	Adaptive backstepping control for air-breathing hypersonic vehicle with actuator dynamics. Aerospace Science and Technology, 2017, 67, 412-421.	2.5	69
34	Robust finite-time control allocation in spacecraft attitude stabilization under actuator misalignment. Nonlinear Dynamics, 2013, 73, 53-71.	2.7	68
35	Finite-time fault tolerant attitude stabilization control for rigid spacecraft. ISA Transactions, 2014, 53, 241-250.	3.1	68
36	Adaptive Integral-type Sliding Mode Control for Spacecraft Attitude Maneuvering Under Actuator Stuck Failures. Chinese Journal of Aeronautics, 2011, 24, 32-45.	2.8	67

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37	Attitude Tracking Control of Rigid Spacecraft With Actuator Misalignment and Fault. IEEE Transactions on Control Systems Technology, 2013, 21, 2360-2366.	3.2	67
38	Adaptive Pose Control for Spacecraft Proximity Operations With Prescribed Performance Under Spatial Motion Constraints. IEEE Transactions on Control Systems Technology, 2021, 29, 1405-1419.	3.2	65
39	Robust adaptive backstepping attitude and vibration control with L2-gain performance for flexible spacecraft under angular velocity constraint. Journal of Sound and Vibration, 2009, 327, 285-298.	2.1	64
40	Dual-quaternion based fault-tolerant control for spacecraft formation flying with finite-time convergence. ISA Transactions, 2016, 61, 87-94.	3.1	64
41	Dual-Quaternion-Based Spacecraft Autonomous Rendezvous and Docking Under Six-Degree-of-Freedom Motion Constraints. Journal of Guidance, Control, and Dynamics, 2018, 41, 1150-1162.	1.6	64
42	Adaptive fault tolerant control using integral sliding mode strategy with application to flexible spacecraft. International Journal of Systems Science, 2013, 44, 2273-2286.	3.7	63
43	Variable structure maneuvering control with time-varying sliding surface and active vibration damping of flexible spacecraft with input saturation. Acta Astronautica, 2009, 64, 1085-1108.	1.7	61
44	Adaptive Control for Hypersonic Vehicles With Time-Varying Faults. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1442-1455.	2.6	60
45	Adaptive backstepping control for air-breathing hypersonic vehicles with input nonlinearities. Aerospace Science and Technology, 2018, 73, 289-299.	2.5	60
46	Finite-Time Fault-Tolerant Spacecraft Attitude Control with Torque Saturation. Journal of Guidance, Control, and Dynamics, 2017, 40, 2524-2537.	1.6	58
47	Anti-Unwinding Attitude Control of Spacecraft with Forbidden Pointing Constraints. Journal of Guidance, Control, and Dynamics, 2019, 42, 822-835.	1.6	55
48	Spacecraft Anti-Unwinding Attitude Control with Actuator Nonlinearities and Velocity Limit. Journal of Guidance, Control, and Dynamics, 2015, 38, 2042-2050.	1.6	53
49	Finiteâ€time disturbance observer based integral sliding mode control for attitude stabilisation under actuator failure. IET Control Theory and Applications, 2019, 13, 50-58.	1.2	53
50	Three-Dimensional Guidance for Various Target Motions With Terminal Angle Constraints Using Twisting Control. IEEE Transactions on Industrial Electronics, 2020, 67, 1242-1253.	5.2	52
51	Dual-Quaternion-Based Fault-Tolerant Control for Spacecraft Tracking With Finite-Time Convergence. IEEE Transactions on Control Systems Technology, 2017, 25, 1231-1242.	3.2	51
52	Active faultâ€tolerant attitude control for flexible spacecraft with loss of actuator effectiveness. International Journal of Adaptive Control and Signal Processing, 2013, 27, 925-943.	2.3	50
53	Nonlinear Proportional-Derivative Control Incorporating Closed-Loop Control Allocation for Spacecraft. Journal of Guidance, Control, and Dynamics, 2014, 37, 799-812.	1.6	47
54	Event-Based Formation Coordinated Control for Multiple Spacecraft Under Communication Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3168-3179.	5.9	46

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55	Finite-Time Coordinated Attitude Control for Spacecraft Formation Flying Under Input Saturation. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2015, 137, .	0.9	44
56	Nussbaumâ€type functionâ€“based attitude control of spacecraft with actuator saturation. International Journal of Robust and Nonlinear Control, 2018, 28, 2927-2949.	2.1	43
57	Adaptive fault-tolerant attitude tracking control for spacecraft with time-varying inertia uncertainties. Chinese Journal of Aeronautics, 2019, 32, 674-687.	2.8	39
58	Robust integral variable structure controller and pulse-width pulse-frequency modulated input shaper design for flexible spacecraft with mismatched uncertainty/disturbance. ISA Transactions, 2007, 46, 505-518.	3.1	38
59	Observer-based fault tolerant control and experimental verification for rigid spacecraft. Aerospace Science and Technology, 2019, 92, 373-386.	2.5	38
60	Fault-Tolerant Attitude Stabilization Incorporating Closed-Loop Control Allocation Under Actuator Failure. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 1989-2000.	2.6	38
61	Spacecraft attitude tracking control under actuator magnitude deviation and misalignment. Aerospace Science and Technology, 2013, 28, 266-280.	2.5	37
62	Velocity-free attitude coordinated tracking control for spacecraft formation flying. ISA Transactions, 2018, 73, 54-65.	3.1	36
63	Velocity-free fault-tolerant control allocation for flexible spacecraft with redundant thrusters. International Journal of Systems Science, 2015, 46, 976-992.	3.7	33
64	Unified attitude control for spacecraft under velocity and control constraints. Aerospace Science and Technology, 2017, 67, 257-264.	2.5	33
65	Fixed-Time Maneuver Control of Spacecraft Autonomous Rendezvous With a Free-Tumbling Target. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 562-577.	2.6	33
66	Event-based coordinated control of spacecraft formation flying under limited communication. Nonlinear Dynamics, 2020, 99, 2139-2159.	2.7	32
67	Observer-Based Attitude Control for Satellite Under Actuator Fault. Journal of Guidance, Control, and Dynamics, 2015, 38, 806-811.	1.6	31
68	Tracking control of uncertain Eulerâ€“Lagrange systems with finiteâ€time convergence. International Journal of Robust and Nonlinear Control, 2015, 25, 3299-3315.	2.1	30
69	Delay Depending Decentralized Adaptive Attitude Synchronization Tracking Control of Spacecraft Formation. Chinese Journal of Aeronautics, 2012, 25, 406-415.	2.8	29
70	Analytical solution of field-of-view limited guidance with constrained impact and capturability analysis. Aerospace Science and Technology, 2020, 97, 105586.	2.5	28
71	Data-Driven Immersion and Invariance Adaptive Attitude Control for Rigid Bodies With Double-Level State Constraints. IEEE Transactions on Control Systems Technology, 2022, 30, 779-794.	3.2	28
72	Finiteâ€time fault tolerant attitude control for overâ€actuated spacecraft subject to actuator misalignment and faults. IET Control Theory and Applications, 2013, 7, 2007-2020.	1.2	27

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73	Dynamic Near-Optimal Control Allocation for Spacecraft Attitude Control Using a Hybrid Configuration of Actuators. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 1430-1443.	2.6	27
74	Sensor-Based Robust Incremental Three-Dimensional Guidance Law with Terminal Angle Constraint. Journal of Guidance, Control, and Dynamics, 2021, 44, 2016-2030.	1.6	26
75	Robust Fault Tolerant Control for Spacecraft Attitude Stabilization Under Actuator Faults and Bounded Disturbance. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2011, 133, .	0.9	25
76	Dynamic path planning and trajectory tracking using MPC for satellite with collision avoidance. ISA Transactions, 2019, 84, 128-141.	3.1	25
77	Observer-Based Spacecraft Formation Coordinated Control via a Unified Event-Triggered Communication. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3307-3319.	2.6	25
78	Outputâ€feedback adaptive consensus tracking control for a class of highâ€order nonlinear multiâ€agent systems. International Journal of Robust and Nonlinear Control, 2017, 27, 4931-4948.	2.1	23
79	Adaptive Pose Tracking Control for Spacecraft Proximity Operations Under Motion Constraints. Journal of Guidance, Control, and Dynamics, 2019, 42, 2258-2271.	1.6	23
80	Outputâ€feedback stabilisation control for a class of underâ€actuated mechanical systems. IET Control Theory and Applications, 2013, 7, 985-996.	1.2	22
81	Analytical Solution for Nonlinear Three-Dimensional Guidance With Impact Angle and Field-of-View Constraints. IEEE Transactions on Industrial Electronics, 2021, 68, 3423-3433.	5.2	22
82	Reduced Attitude Control for Boresight Alignment With Dynamic Pointing Constraints. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2942-2952.	3.7	21
83	Partial Lyapunov Strictification: Dual-Quaternion-Based Observer for 6-DOF Tracking Control. IEEE Transactions on Control Systems Technology, 2019, 27, 2453-2469.	3.2	21
84	Trajectory optimization for accompanying satellite obstacle avoidance. Aerospace Science and Technology, 2018, 82-83, 220-233.	2.5	20
85	Attitude output feedback control for rigid spacecraft with finite-time convergence. ISA Transactions, 2017, 70, 173-186.	3.1	19
86	Adaptive Fixed-Time Attitude Tracking Control of Spacecraft With Uncertainty-Rejection Capability. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4634-4647.	5.9	19
87	Incremental Twisting Fault Tolerant Control for Hypersonic Vehicles With Partial Model Knowledge. IEEE Transactions on Industrial Informatics, 2022, 18, 1050-1060.	7.2	18
88	Immersion and Invariance Adaptive Pose Control for Spacecraft Proximity Operations Under Kinematic and Dynamic Constraints. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 2183-2200.	2.6	18
89	Adaptive fault-tolerant control for attitude reorientation under complex attitude constraints. Aerospace Science and Technology, 2022, 121, 107332.	2.5	18
90	Concurrent Proximity Control of Servicing Spacecraft With an Uncontrolled Target. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2815-2826.	3.7	17

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91	Neural network-based fault diagnosis for spacecraft with single-gimbal control moment gyros. Chinese Journal of Aeronautics, 2022, 35, 261-273.	2.8	17
92	Three-Dimensional Approach Angle Guidance Under Varying Velocity and Field-of-View Limit Without Using Line-of-Sight Rate. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7148-7159.	5.9	17
93	Integral sliding mode-based attitude coordinated tracking for spacecraft formation with communication delays. International Journal of Systems Science, 2017, 48, 3254-3266.	3.7	16
94	Learning-Based 6-DOF Control for Autonomous Proximity Operations Under Motion Constraints. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 4097-4109.	2.6	16
95	Neural networkâ€based adaptive attitude tracking control for flexible spacecraft with unknown highâ€frequency gain. International Journal of Adaptive Control and Signal Processing, 2010, 24, 477-489.	2.3	15
96	Nullâ€spaceâ€based optimal control reallocation for spacecraft stabilization under input saturation. International Journal of Adaptive Control and Signal Processing, 2015, 29, 705-724.	2.3	15
97	Bounded Finite-Time Coordinated Attitude Control via Output Feedback for Spacecraft Formation. Journal of Aerospace Engineering, 2015, 28, .	0.8	15
98	Composite Adaptive Attitude-Tracking Control With Parameter Convergence Under Finite Excitation. IEEE Transactions on Control Systems Technology, 2020, 28, 2657-2664.	3.2	15
99	ADP-Based Spacecraft Attitude Control Under Actuator Misalignment and Pointing Constraints. IEEE Transactions on Industrial Electronics, 2022, 69, 9342-9352.	5.2	15
100	Field-of-view limited guidance with impact angle constraint and feasibility analysis. Aerospace Science and Technology, 2021, 114, 106753.	2.5	14
101	Control of non-cooperative spacecraft in final phase proximity operations under input constraints. Control Engineering Practice, 2019, 87, 83-96.	3.2	13
102	Event-Driven Connectivity-Preserving Coordinated Control for Multiple Spacecraft Systems With a Distance-Dependent Dynamic Graph. IEEE Transactions on Cybernetics, 2022, 52, 12551-12560.	6.2	12
103	Nonlinear optimal attitude control of spacecraft using novel state-dependent coefficient parameterizations. Aerospace Science and Technology, 2021, 112, 106586.	2.5	12
104	Fault-Tolerant Reduced-Attitude Control for Spacecraft Constrained Boresight Reorientation. Journal of Guidance, Control, and Dynamics, 2022, 45, 1481-1495.	1.6	12
105	Robust trackâ€following control of hard disk drives using improved integral sliding mode combined with phase lead peak filter. International Journal of Adaptive Control and Signal Processing, 2008, 22, 413-430.	2.3	11
106	Observer-Based Fault Diagnosis Incorporating Online Control Allocation for Spacecraft Attitude Stabilization under Actuator Failures. Journal of the Astronautical Sciences, 2013, 60, 211-236.	0.8	11
107	Finite-time attitude tracking control for spacecraft with uncertain actuator configuration. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2015, 229, 2457-2468.	0.7	11
108	Adaptive control with prescribed tracking performance for hypersonic flight vehicles in the presence of unknown elevator faults. International Journal of Control, 2019, 92, 1682-1691.	1.2	11

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109	Two-Stage Guidance Law With Constrained Impact via Circle Involute. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1301-1316.	2.6	11
110	Adaptive Neural Network Control for a Class of Nonlinear Systems With Unknown Control Direction. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4708-4718.	5.9	10
111	Sliding-Mode-Based Attitude Tracking Control of Spacecraft Under Reaction Wheel Uncertainties. IEEE/CAA Journal of Automatica Sinica, 2023, 10, 1475-1487.	8.5	10
112	Robust Adaptive Attitude Tracking Control With L2-Gain Performance and Vibration Reduction of an Orbiting Flexible Spacecraft. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2011, 133, .	0.9	9
113	â„’2 performance control of robot manipulators with kinematics, dynamics and actuator uncertainties. International Journal of Robust and Nonlinear Control, 2017, 27, 875-893.	2.1	9
114	Coordinate-Free Circumnavigation of a Moving Target Via a PD-Like Controller. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 2012-2025.	2.6	8
115	Relative Stereovision-Based Navigation for Noncooperative Spacecraft via Feature Extraction. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2942-2952.	3.7	8
116	Adaptive Neural Coordinated Control for Multiple Euler-Lagrange Systems With Periodic Event-Triggered Sampling. IEEE Transactions on Neural Networks and Learning Systems, 2022, PP, 1-11.	7.2	8
117	Robust fault tolerant attitude stabilization control for flexible spacecraft under partial loss of actuator effectiveness. , 2010, , .		7
118	Manoeuvring and vibration reduction of a flexible spacecraft integrating optimal sliding mode controller and distributed piezoelectric sensors/actuators. International Journal of Adaptive Control and Signal Processing, 2007, 21, 452-476.	2.3	6
119	Constrained single-axis path planning of underactuated spacecraft. Aerospace Science and Technology, 2020, 107, 106345.	2.5	6
120	Velocity-Free Saturated Control for Spacecraft Proximity Operations With Guaranteed Safety. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2501-2513.	5.9	6
121	Learning-Based Attitude Tracking Control With High-Performance Parameter Estimation. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 2218-2230.	2.6	6
122	Adaptive Optimal Tracking Control for Spacecraft Formation Flying With Event-Triggered Input. IEEE Transactions on Industrial Informatics, 2023, 19, 6418-6428.	7.2	6
123	Monocular-Vision-Based Relative Pose Estimation of Noncooperative Spacecraft Using Multicircular Features. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5403-5414.	3.7	6
124	L 2 disturbance attenuation control for input saturated spacecraft attitude stabilization without angular velocity measurements. International Journal of Control, Automation and Systems, 2012, 10, 71-77.	1.6	5
125	Dynamic control allocation for spacecraft attitude stabilization with actuator uncertainty. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2014, 228, 1336-1347.	0.7	5
126	Three-Dimensional Impact Time and Angle Guidance via Controlling Line-of-Sight Dynamics. , 2020, , .		5

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127	Adaptive spacecraft attitude tracking control with guaranteed transient performance. , 2017, , .		4
128	Research and Experiment on Dynamic Weight Pseudo-Inverse Control Allocation for Spacecraft Attitude Control System. , 2019, , .		4
129	Distributed Attitude Coordination Control for Multiple Flexible Spacecraft with Communication Delays. , 2019, , .		4
130	Active vibration control of a flexible plate structure using LMI-based H/sub âˆž/ output feedback control law. , 0, , .		3
131	Reduced Attitude Control in the Presence of Pointing Constraint. , 2018, , .		3
132	Attitude Planning of Single-Axis Underactuated Spacecraft with Forbidden Pointing Constraint. , 2020, , .		3
133	Pose Estimation for Non-cooperative Spacecraft based on Deep Learning. , 2020, , .		3
134	Weakly Supervised Object Detection Based on Active Learning. Neural Processing Letters, 2022, 54, 5169-5183.	2.0	3
135	Spacecraft Maneuvering using Integral Variable Structure Control and Input Shaping Technique. , 2006, , .		2
136	Finite-Time Attitude Tracking Control of Spacecraft with Actuator Saturation. Journal of Shanghai Jiaotong University (Science), 2018, 23, 650-656.	0.5	2
137	Field-of-View Limited Guidance with Constrained Impact via Line-of-Sight Shaping Approach. , 2019, , .		2
138	Closed-Loop Based Control Allocation for Spacecraft Attitude Stabilization with Actuator Faults. , 2021, , 185-217.		2
139	Semantic Joint Monocular Remote Sensing Image Digital Surface Model Reconstruction Based on Feature Multiplexing and Inpainting. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	2
140	Integral Variable Structure/Input Shaping Control of Flexible Spacecraft. , 0, , .		1
141	Variable structure attitude manoeuvre control and active vibration damping of three-axis-stabilized flexible spacecraft. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2007, 221, 601-615.	0.7	1
142	Neural network based robust variable structure control of wood drying kiln. , 2009, , .		1
143	Observer based inverse optimal attitude stabilization control of spacecraft with uncertainties. , 2014, , .		1
144	Robust finite-time observer design for rigid spacecraft with reaction wheel friction. , 2016, , .		1

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145	Adaptive backstepping control of uncertain nonlinear systems with input backlash. , 2016, , .		1
146	Adaptive finite-time attitude tracking control for rigid spacecraft with actuator saturation constraints. , 2016, , .		1
147	Iterative disturbance observer design for spacecraft fault-tolerant control with actuator failure. , 2017, , .		1
148	Attitude stabilization control for rigid spacecraft with actuator misalignment and saturation. , 2017, , .		1
149	Anti-unwinding attitude control of rigid spacecraft with angular velocity constraint. , 2018, , .		1
150	Adaptive Control for Autonomous Spacecraft Rendezvous with Approaching Path Constraint. , 2019, , .		1
151	Adaptive Control for Spacecraft Autonomous Rendezvous and Docking under 6-DOF Motion Constraints. , 2019, , .		1
152	Model Predictive Control for Spacecraft Attitude Maneuver under Actuators Power Limitation. , 2019, , .		1
153	Analytical Impact Time Guidance Law with Reduced Filed-of-View Limit. , 2019, , .		1
154	Finite-time Output Feedback Attitude Control for Double Tethered Satellite System in Deep Space. , 2019, , .		1
155	Line-of-sight Tracking Control Scheme for Integrated Satellite with CMGs Vibration Isolation Platform. , 2021, , .		1
156	Adaptive Sliding Mode Control for Fast Steering Mirror Based on RBF Neural Network Self-Learning. , 2021, , .		1
157	A Pose Measurement Method of Non-cooperative Target Based on Monocular Vision. , 2021, , .		1
158	Stereovision-based Noncooperative Spacecraft Pose Measurement via Circle and Planar Points. , 2021, , .		1
159	Design of reduced-order robust controllers for flexible structural systems. , 0, , .		0
160	A Hybrid Control Scheme of Vibration Reduction of Flexible Spacecraft during Attitude Maneuver. , 0, , .		0
161	Spacecraft Vibration Damping Using Shaped Command Input. , 2006, , .		0
162	Active vibration suppression and attitude maneuvers of flexible spacecraft via fuzzy sliding control. , 2008, , .		0

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163	Backstepping-based attitude maneuver control and active vibration reduction of flexible spacecraft. , 2008, , .		0
164	Nonlinear proportional-derivative-type controller for flexible spacecraft attitude stabilization under bounded disturbances. , 2009, , .		0
165	Terminal sliding mode attitude control for satellite. , 2010, , .		0
166	Adaptive fault-tolerant controller for satellite proximity operations with finite-time convergence. , 2015, , .		0
167	Robust finite-time spacecraft attitude control under input saturation. , 2016, , .		0
168	Relative position fixed-time tracking control of spacecraft. , 2017, , .		0
169	Stereo Matching Using Gabor Convolutional Neural Network. , 2018, , .		0
170	Neural Adaptive Fault-Tolerant Control for Attitude Tracking of Spacecraft. , 2018, , .		0
171	Laguerre Model Predictive Control for Accompanying Satellite Trajectory Generation. , 2018, , .		0
172	Attitude Maneuver of Spacecraft With Angular Velocity Constraint. , 2018, , .		0
173	Attitude Tracking Control of Spacecraft with Time-Varying Inertia Matrix. , 2018, , .		0
174	Saturated Control for Spacecraft Rendezvous and Proximity Operations Under Loss of Control Effectiveness. , 2018, , .		0
175	Satellite mission planning for moving targets observation via data driven approach. , 2019, , .		0
176	Kalman-filter-based Attitude and Parameters Estimation for Noncooperative Spacecraft. , 2020, , .		0
177	Cubic Range Shaping Guidance for Maneuvering Targets with Impact Time Constraint. , 2020, , .		0
178	Design of Periodic Stabilizing Switching Signals for Compartmental Switched Systems. , 2020, , .		0
179	Null-Space Based Optimal Control Allocation for Spacecraft Attitude Stabilization. , 2021, , 33-53.		0
180	High-Precision Beam Steering Mechanism Control Based on Model Compensation and Neural Network. , 2021, , .		0

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181	Fault Diagnosis and Fault-Tolerant Attitude Control of Spacecraft Based on Combined Observer. , 2021, , .		0
182	Torque-Limited Attitude Control for Rigid Spacecraft with Motion Constraints. , 2021, , .		0
183	UAV Path Planning with No-Fly-Zone Constraints by Convex Optimization. , 2021, , .		0
184	Fault diagnosis of liquid rocket engine thrust chamber based on improved augmented particle filter. , 2021, , .		0
185	Robust Attitude Control for Hypersonic Vehicles with Coupling Analysis. , 2020, , .		0
186	ADP-Based Prescribed Performance Attitude Tracking Control for Rigid Spacecraft. , 2021, , .		0
187	Feedback control for spacecraft proximity operations under field-of-view constraint. , 2020, , .		0