

Guang-Ren Duan

List of Publications by Year in descending order

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41258

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3055
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#	ARTICLE	IF	CITATIONS
1	Prescribed-Time Unknown Input Observers Design by Using Periodic Delayed Output With Application to Fault Estimation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 664-674.	5.9	8
2	Global Stabilization of the Spacecraft Rendezvous System by Delayed and Bounded Linear Feedback. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1373-1384.	5.9	9
3	Robust model reference control for uncertain second-order system subject to parameter uncertainties. Transactions of the Institute of Measurement and Control, 2022, 44, 88-104.	1.1	9
4	Fault-Tolerant Quantized Sliding Mode Observers Design for a Class of Takagi-Sugeno Fuzzy System With Unmeasurable Premise Variable. IEEE Transactions on Fuzzy Systems, 2022, 30, 2312-2324.	6.5	10
5	Practical Prescribed-Time Sampled-Data Control of Linear Systems With Applications to the Air-Bearing Testbed. IEEE Transactions on Industrial Electronics, 2022, 69, 6152-6161.	5.2	11
6	High-order fully actuated system approaches: Part VIII. Optimal control with application in spacecraft attitude stabilisation. International Journal of Systems Science, 2022, 53, 54-73.	3.7	66
7	Robust model reference control for second-order descriptor linear systems subject to parameter uncertainties. Transactions of the Institute of Measurement and Control, 2022, 44, 658-675.	1.1	3
8	High-order fully actuated system approaches: Part X. Basics of discrete-time systems. International Journal of Systems Science, 2022, 53, 810-832.	3.7	58
9	High-order fully-actuated system approaches: Part IX. Generalised PID control and model reference tracking. International Journal of Systems Science, 2022, 53, 652-674.	3.7	49
10	Event-Triggered and Self-Triggered Control of Discrete-Time Systems With Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1948-1957.	5.9	24
11	Manipulator Actuated Integrated Position and Attitude Stabilization of Spacecraft Subject to External Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6886-6905.	5.9	4
12	Prescribed-time stabilization of normal nonlinear systems by bounded time-varying feedback. International Journal of Robust and Nonlinear Control, 2022, 32, 421-450.	2.1	12
13	Finite-time output regulation by bounded linear time-varying controls with applications to the satellite formation flying. International Journal of Robust and Nonlinear Control, 2022, 32, 451-471.	2.1	9
14	Further Geometric and Lyapunov Characterizations of Incrementally Stable Systems on Finsler Manifolds. IEEE Transactions on Automatic Control, 2022, 67, 5614-5621.	3.6	1
15	A Distributionally Robust Optimization Based Method for Stochastic Model Predictive Control. IEEE Transactions on Automatic Control, 2022, 67, 5762-5776.	3.6	73
16	Event-Triggered and Self-Triggered Gain Scheduled Control of Linear Systems With Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6452-6463.	5.9	8
17	On the Role of Zeros in the Pole Assignment of Scalar High-Order Fully Actuated Linear Systems. Journal of Systems Science and Complexity, 2022, 35, 535-542.	1.6	5
18	Adaptive Preassigned Time Stabilisation of Uncertain Second-Order Sub-Fully Actuated Systems. Journal of Systems Science and Complexity, 2022, 35, 703-713.	1.6	1

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19	Fully Actuated System Approach for 6DOF Spacecraft Control Based on Extended State Observer. <i>Journal of Systems Science and Complexity</i> , 2022, 35, 604-622.	1.6	16
20	Brockett's First Example: An FAS Approach Treatment. <i>Journal of Systems Science and Complexity</i> , 2022, 35, 441-456.	1.6	15
21	Fully Actuated System Approach for Linear Systems Control: A Frequency-Domain Solution. <i>Journal of Systems Science and Complexity</i> , 2022, 35, 2046-2061.	1.6	14
22	Stabilization via Fully Actuated System Approach: A Case Study. <i>Journal of Systems Science and Complexity</i> , 2022, 35, 731-747.	1.6	14
23	Adaptive dynamic surface asymptotic tracking control of uncertain strict-feedback systems with guaranteed transient performance and accurate parameter estimation. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 6829-6848.	2.1	14
24	Modified general policy iteration based adaptive dynamic programming for unknown discrete-time linear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 7149-7173.	2.1	6
25	Prescribed-Time Input-to-State Stabilization of Normal Nonlinear Systems by Bounded Time-Varying Feedback. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 3715-3725.	3.5	9
26	Strong Stability Analysis of Linear Delay-Difference Equations With Multiple Time Delays. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 3741-3748.	3.6	6
27	High-order fully actuated system approaches: Part II. Generalized strict-feedback systems. <i>International Journal of Systems Science</i> , 2021, 52, 437-454.	3.7	98
28	High-order fully actuated system approaches: Part IV. Adaptive control and high-order backstepping. <i>International Journal of Systems Science</i> , 2021, 52, 972-989.	3.7	94
29	High-order fully actuated system approaches: Part III. Robust control and high-order backstepping. <i>International Journal of Systems Science</i> , 2021, 52, 952-971.	3.7	97
30	Disturbance attenuation in observer design for linear systems – a new parametric approach. <i>International Journal of Systems Science</i> , 2021, 52, 583-595.	3.7	0
31	High-order fully actuated system approaches: Part I. Models and basic procedure. <i>International Journal of Systems Science</i> , 2021, 52, 422-435.	3.7	154
32	Improved Function Augmented Sliding Mode Control of Uncertain Nonlinear Systems with Preassigned Settling Time. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 712-721.	1.6	8
33	High-order fully actuated system approaches: Part V. Robust adaptive control. <i>International Journal of Systems Science</i> , 2021, 52, 2129-2143.	3.7	73
34	High-order fully-actuated system approaches: Part VI. Disturbance attenuation and decoupling. <i>International Journal of Systems Science</i> , 2021, 52, 2161-2181.	3.7	59
35	Event-triggered and self-triggered gain scheduling control of input constrained systems with applications to the spacecraft rendezvous. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 4629-4646.	2.1	13
36	Adaptive fuzzy backstepping control for attitude stabilization of flexible spacecraft with signal quantization and actuator faults. <i>Science China Information Sciences</i> , 2021, 64, 1.	2.7	10

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37	High-order fully actuated system approaches: part VII. Controllability, stabilisability and parametric designs. <i>International Journal of Systems Science</i> , 2021, 52, 3091-3114.	3.7	74
38	Parametric output regulation using observer-based PI controllers with applications in flexible spacecraft attitude control. <i>Science China Information Sciences</i> , 2021, 64, 1.	2.7	5
39	Anti-unwinding sliding mode attitude control via two modified Rodrigues parameter sets for spacecraft. <i>Automatica</i> , 2021, 129, 109642.	3.0	40
40	Passivity-based adaptive tracking control of spacecraft line-of-sight relative motion with thrust saturation. <i>Journal of the Franklin Institute</i> , 2021, 358, 6408-6432.	1.9	3
41	Local properties of exponential contractive systems. <i>Automatica</i> , 2021, 132, 109844.	3.0	0
42	Constrained Feedback Control for Spacecraft Reorientation With an Optimal Gain. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 3916-3926.	2.6	21
43	Concurrent Learning Adaptive Finite-Time Control for Spacecraft With Inertia Parameter Identification Under External Disturbance. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 3691-3704.	2.6	17
44	Interconnection structure preservation design for a type of portâ€controlled hamiltonian systemsâ€A parametric approach. <i>IET Control Theory and Applications</i> , 2021, 15, 338-347.	1.2	2
45	Parametric control to linear timeâ€varying systems based on dynamic compensator and multiâ€objective optimization. <i>Asian Journal of Control</i> , 2020, 22, 2395-2411.	1.9	9
46	Fault-tolerant attitude tracking control of combined spacecraft with reaction wheels under prescribed performance. <i>ISA Transactions</i> , 2020, 98, 161-172.	3.1	50
47	Design of reduced-order interval observers for LTI systems with bounded time-varying disturbances: a parametric approach. <i>International Journal of Control</i> , 2020, 93, 2551-2563.	1.2	8
48	Pole assignment of high-order linear systems with high-order time-derivatives in the input. <i>Journal of the Franklin Institute</i> , 2020, 357, 1437-1456.	1.9	13
49	Finite-Time Concurrent Learning Adaptive Control for Spacecraft with Inertia Parameter Identification. <i>Journal of Guidance, Control, and Dynamics</i> , 2020, 43, 574-584.	1.6	21
50	Post-capture attitude control with prescribed performance. <i>Aerospace Science and Technology</i> , 2020, 96, 105572.	2.5	28
51	Design of globally stabilising switching control law for a type of nonlinear systems. <i>International Journal of Systems Science</i> , 2020, 51, 3573-3584.	3.7	0
52	On universal stabilization property of Interconnection and Damping Assignment Control. <i>Automatica</i> , 2020, 119, 109087.	3.0	5
53	Observer-based multi-objective parametric design for spacecraft with super flexible netted antennas. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	10
54	State-space Realization and Generalized Popov Belevitch Hautus Criterion for High-order Linear systemsâ€The Singular Case. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 2038-2047.	1.6	2

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55	Data-driven based attitude control of combined spacecraft with noncooperative target. International Journal of Robust and Nonlinear Control, 2019, 29, 5801-5819.	2.1	6
56	Stabilization via output feedback for a type of uncertain time-varying port-controlled Hamiltonian system based on linear matrix inequality approach. Transactions of the Institute of Measurement and Control, 2019, 41, 4387-4397.	1.1	1
57	Distributed fixed-time consensus tracking for high-order uncertain nonlinear multi-agent systems with switching topologies. IET Control Theory and Applications, 2019, 13, 1761-1772.	1.2	20
58	Distributed finite-time tracking for multiple uncertain mechanical systems with dead-zone input and external disturbances. Transactions of the Institute of Measurement and Control, 2019, 41, 4450-4461.	1.1	2
59	Adaptive sliding mode control of uncertain nonlinear systems with preassigned settling time and its applications. International Journal of Robust and Nonlinear Control, 2019, 29, 6438-6462.	2.1	17
60	Adaptive finite-time tracking control of 6DOF spacecraft motion with inertia parameter identification. IET Control Theory and Applications, 2019, 13, 2075-2085.	1.2	21
61	Robust stability of uncertain second-order linear time-varying systems. Journal of the Franklin Institute, 2019, 356, 9881-9906.	1.9	7
62	Dynamic output feedback sliding mode control for spacecraft hovering without velocity measurements. Journal of the Franklin Institute, 2019, 356, 1991-2014.	1.9	7
63	H ∞ finite-time control for LPV systems with parameter-varying time delays and external disturbance via observer-based state feedback. Journal of the Franklin Institute, 2019, 356, 6303-6327.	1.9	12
64	Integrated guidance and control with partial state constraints and actuator faults. Journal of the Franklin Institute, 2019, 356, 4785-4810.	1.9	9
65	Parametric Control to a Type of Descriptor Quasi-Linear Systems via Output Feedback. IEEE Access, 2019, 7, 39911-39922.	2.6	12
66	Output-feedback super-twisting control for line-of-sight angles tracking of non-cooperative target spacecraft. ISA Transactions, 2019, 94, 17-27.	3.1	23
67	Distributed Fixed-time Attitude Synchronization Control for Multiple Rigid Spacecraft. International Journal of Control, Automation and Systems, 2019, 17, 1117-1130.	1.6	21
68	A Parametric Method of Linear Functional Observers for Linear Time-varying Systems. International Journal of Control, Automation and Systems, 2019, 17, 647-656.	1.6	20
69	Circulation algorithm for partial eigenstructure assignment via state feedback. European Journal of Control, 2019, 50, 107-116.	1.6	10
70	Robust Control Allocation in Attitude Fault-Tolerant Control for Combined Spacecraft Under Measurement Uncertainty. IEEE Access, 2019, 7, 156191-156206.	2.6	9
71	Extended State Observer-based Integrated Guidance and Control with Impact Angle Constraint and Input Saturation. , 2019, , .		1
72	Barrier Lyapunov function-based integrated guidance and control with input saturation and state constraints. Aerospace Science and Technology, 2019, 84, 845-855.	2.5	35

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73	Parametric control to a type of quasi-linear high-order systems via output feedback. European Journal of Control, 2019, 47, 44-52.	1.6	14
74	Parametric control to a type of quasi-linear second-order systems via output feedback. International Journal of Control, 2019, 92, 291-302.	1.2	18
75	Dynamic infinity-norm constrained control allocation for attitude tracking control of overactuated combined spacecraft. IET Control Theory and Applications, 2019, 13, 1692-1703.	1.2	9
76	Robust adaptive control for a class of semi-strict feedback systems with state and input constraints. International Journal of Robust and Nonlinear Control, 2018, 28, 3189-3211.	2.1	18
77	An improved adaptive dynamic surface control approach for uncertain nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2018, 32, 713-728.	2.3	20
78	Rotating consensus tracking for second-order multi-agent systems with external disturbances. Transactions of the Institute of Measurement and Control, 2018, 40, 3604-3616.	1.1	3
79	Delayed output feedback of discrete-time delay systems with applications to spacecraft rendezvous. IET Control Theory and Applications, 2018, 12, 828-836.	1.2	7
80	Integrated guidance and control with input saturation and disturbance observer. Journal of Control and Decision, 2018, 5, 277-299.	0.7	14
81	The Combinations of Loss Functions and Schemes for Mammographic Classification. , 2018, , .		0
82	Functional interval observer for the linear systems with disturbances. IET Control Theory and Applications, 2018, 12, 2562-2568.	1.2	44
83	Adaptive sliding-mode control for spacecraft relative position tracking with maneuvering target. International Journal of Robust and Nonlinear Control, 2018, 28, 5786-5810.	2.1	17
84	Control law design for elastic aircraft based on intelligent variable structure. Journal of Intelligent and Fuzzy Systems, 2018, 35, 485-499.	0.8	1
85	Leader-following fixed-time output feedback consensus for second-order multi-agent systems with input saturation. International Journal of Systems Science, 2018, 49, 2873-2887.	3.7	20
86	Decentralized Fixed-Time Attitude Synchronization Control for Spacecraft Formation Flying. , 2018, , .		0
87	Manipulator-actuated Adaptive Integrated Translational and Rotational Stabilization for Spacecraft in Proximity Operations with Control Constraint. International Journal of Control, Automation and Systems, 2018, 16, 2103-2113.	1.6	12
88	Direct parametric attitude tracking control for generic hypersonic vehicle. International Journal of Systems Science, 2018, 49, 1507-1517.	3.7	3
89	Global finite time stabilization of pure-feedback systems with input dead-zone nonlinearity. Journal of the Franklin Institute, 2017, 354, 4073-4101.	1.9	21
90	Adaptive control of uncertain pure-feedback nonlinear systems. International Journal of Systems Science, 2017, 48, 2137-2145.	3.7	15

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91	Finite-time control for LPV systems with parameter-varying time delays and exogenous disturbances. International Journal of Robust and Nonlinear Control, 2017, 27, 3841-3861.	2.1	15
92	A direct parametric approach to spacecraft attitude tracking control. International Journal of Automation and Computing, 2017, 14, 626-636.	4.5	2
93	Robust adaptive dynamic surface control of uncertain nonlinear systems with output constraints. IET Control Theory and Applications, 2017, 11, 110-121.	1.2	35
94	Robust H_{∞} dynamic output feedback control for spacecraft rendezvous with poles and input constraint. International Journal of Systems Science, 2017, 48, 1022-1034.	3.7	6
95	A developed constrained control allocation approach based on pseudo inverse. , 2017, , .		4
96	Integrated guidance and control with input saturation. , 2017, , .		1
97	Integrated guidance and control with impact angle constraint. , 2017, , .		1
98	Reconfigurable control design based on complete parametric approach for spacecraft rendezvous. , 2017, , .		0
99	Adaptive nonsingular fast terminal sliding mode control for spacecraft hovering to noncooperative target. , 2017, , .		3
100	Direct parametric control-oriented model transformations for a hypersonic vehicle. , 2016, , .		0
101	Switching signal design for asymptotic stability of uncertain multiple equilibrium switched systems with actuator saturation. International Journal of Robust and Nonlinear Control, 2016, 26, 1705-1717.	2.1	4
102	Disturbance observer-based sliding mode control for spacecraft non-cooperative rendezvous. , 2016, , .		6
103	Finite-time rotating consensus tracking control for second-order multi-agent systems. , 2016, , .		1
104	Design of P2D observers for second-order dynamic systems. , 2016, , .		1
105	Quasi-linear model reference tracking control of approaching non-cooperative target based on direct parametric control. , 2016, , .		0
106	Missile guidance law with impact angle constraint and acceleration saturation. , 2016, , .		2
107	LPV eigenstructure assignment approach for BTT missile attitude control. , 2016, , .		1
108	Output feedback stabilization of spacecraft autonomous rendezvous subject to actuator saturation. International Journal of Automation and Computing, 2016, 13, 428-437.	4.5	6

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109	Gain scheduled control of linear systems with unsymmetrical saturation actuators. International Journal of Systems Science, 2016, 47, 3711-3719.	3.7	5
110	Implicit Iterative Algorithms for Continuous Markovian Jump Lyapunov Equations. IEEE Transactions on Automatic Control, 2016, 61, 3183-3189.	3.6	22
111	Global robust finite-time stabilisation of unknown pure-feedback systems with input dead-zone nonlinearity. IET Control Theory and Applications, 2016, 10, 234-243.	1.2	31
112	Finite-time H_∞ filtering for non-linear stochastic systems. International Journal of Systems Science, 2016, 47, 2945-2953.	3.7	6
113	An optimal control approach to spacecraft rendezvous on elliptical orbit. Optimal Control Applications and Methods, 2015, 36, 158-178.	1.3	12
114	Adaptive Dynamic Surface Control for Integrated Missile Guidance and Autopilot in the Presence of Input Saturation. Journal of Aerospace Engineering, 2015, 28, .	0.8	33
115	Robust gain scheduled control of spacecraft rendezvous system subject to input saturation. Aerospace Science and Technology, 2015, 42, 442-450.	2.5	34
116	Adaptive Jacobian force/position tracking for space free-flying robots with prescribed transient performance. Robotics and Autonomous Systems, 2015, 72, 235-247.	3.0	11
117	New Iterative Algorithms for Solving Coupled Markovian Jump Lyapunov Equations. IEEE Transactions on Automatic Control, 2015, 60, 289-294.	3.6	29
118	To reduce initial control magnitude in backstepping: A continuous predictive approach. , 2015, , .		0
119	Path-Following Control of Wheeled Planetary Exploration Robots Moving on Deformable Rough Terrain. Scientific World Journal, The, 2014, 2014, 1-13.	0.8	9
120	Parametric solutions to rectangular high-order Sylvester equations; Case of F arbitrary. , 2014, , .		1
121	Robust gain scheduled control of spacecraft rendezvous system subject to input saturation. , 2014, , .		4
122	Direct parametric approach for cascaded systems with application in robot control. , 2014, , .		2
123	Cooperative spacecraft rendezvous; A direct parametric control approach. , 2014, , .		2
124	Non-cooperative rendezvous and interception ; A direct parametric control approach. , 2014, , .		8
125	Parametric control of quasi-linear systems via state feedback. , 2014, , .		11
126	Control of feedback type systems ; A direct parametric approach. , 2014, , .		2

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127	Direct parametric control of fully-actuated high-order quasi-linear systems via dynamical feedback. , 2014, , .		5
128	Parametric solutions to rectangular high-order sylvester equations—Case of F Jordan. , 2014, , .		0
129	Missile attitude control—A direct parametric approach. , 2014, , .		5
130	Quasi-linear eigenstructure assignment — A case study. , 2014, , .		1
131	Satellite attitude control—A direct parametric approach. , 2014, , .		9
132	Parametric solutions to fully-actuated generalized Sylvester equations—The nonhomogeneous case. , 2014, , .		5
133	Gain Scheduled Control of Linear Systems Subject to Actuator Saturation With Application to Spacecraft Rendezvous. IEEE Transactions on Control Systems Technology, 2014, 22, 2031-2038.	3.2	70
134	A direct parametric approach for missile guidance—Case of sea targets. , 2014, , .		2
135	Distributed and Truncated Reduced-Order Observer Based Output Feedback Consensus of Multi-Agent Systems. IEEE Transactions on Automatic Control, 2014, 59, 2264-2270.	3.6	97
136	Robust Global Stabilization of Spacecraft Rendezvous System via Gain Scheduling. International Journal of Automation and Computing, 2014, 11, 426-433.	4.5	4
137	On-line optimal autonomous reentry guidance based on improved Gauss pseudospectral method. Science China Information Sciences, 2014, 57, 1-16.	2.7	8
138	Output feedback gain scheduled control of actuator saturated linear systems with applications to the spacecraft rendezvous. Journal of the Franklin Institute, 2014, 351, 5015-5033.	1.9	24
139	Robust adaptive integrated translation and rotation finite-time control of a rigid spacecraft with actuator misalignment and unknown mass property. International Journal of Systems Science, 2014, 45, 1007-1034.	3.7	51
140	Robust adaptive control for a class of cascaded nonlinear systems with applications to space interception. International Journal of Robust and Nonlinear Control, 2014, 24, 2048-2078.	2.1	7
141	Direct parametric control of fully-actuated second-order nonlinear systems—descriptor case. , 2014, , .		5
142	Direct parametric control of fully-actuated high-order nonlinear systems—Normal case. , 2014, , .		7
143	Quaternion-based satellite attitude control—A direct parametric approach. , 2014, , .		7
144	Parametric control of quasi-linear systems by output feedback. , 2014, , .		12

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145	Global stabilization of switched stochastic nonlinear systems in strict-feedback form under arbitrary switchings. Automatica, 2013, 49, 2571-2575.	3.0	82
146	Robust actuator fault diagnosis scheme for satellite attitude control systems. Journal of the Franklin Institute, 2013, 350, 2560-2580.	1.9	85
147	Output feedback elliptical orbital rendezvous via state-dependent Riccati differential equations. IET Control Theory and Applications, 2013, 7, 1429-1436.	1.2	16
148	Output Feedback Stabilization of Switched Stochastic Nonlinear Systems Under Arbitrary Switchings. International Journal of Automation and Computing, 2013, 10, 571-577.	4.5	14
149	L_1 and L_2 semi-global stabilisation of continuous-time periodic linear systems with bounded controls. International Journal of Control, 2013, 86, 709-720.	1.2	31
150	Integrated translational and rotational control for the terminal landing phase of a lunar module. Aerospace Science and Technology, 2013, 27, 112-126.	2.5	22
151	Trilateral Teleoperation of Adaptive Fuzzy Force/Motion Control for Nonlinear Teleoperators With Communication Random Delays. IEEE Transactions on Fuzzy Systems, 2013, 21, 610-624.	6.5	148
152	Robust adaptive integrated translation and rotation control of a rigid spacecraft with control saturation and actuator misalignment. Acta Astronautica, 2013, 86, 167-187.	1.7	74
153	Adaptive block dynamic surface control for integrated missile guidance and autopilot. Chinese Journal of Aeronautics, 2013, 26, 741-750.	2.8	135
154	Stabilisation of time-varying linear systems via Lyapunov differential equations. International Journal of Control, 2013, 86, 332-347.	1.2	27
155	Finite iterative algorithm for solving coupled Lyapunov equations appearing in continuous-time Markov jump linear systems. International Journal of Systems Science, 2013, 44, 2082-2093.	3.7	13
156	Controllability and stability of discrete-time antilinear systems. , 2013, , .		7
157	Robust Adaptive Fault Estimation for a Class of Nonlinear Systems Subject to Multiplicative Faults. Circuits, Systems, and Signal Processing, 2012, 31, 2035-2046.	1.2	33
158	Periodic Lyapunov Equation Based Approaches to the Stabilization of Continuous-Time Periodic Linear Systems. IEEE Transactions on Automatic Control, 2012, 57, 2139-2146.	3.6	79
159	Optimal feedback reentry guidance of hypersonic vehicle based on improved Gauss pseudospectral method. , 2012, , .		0
160	Robust control of spacecraft rendezvous on elliptical orbit. Journal of the Franklin Institute, 2012, 349, 2515-2529.	1.9	43
161	Integrated relative position and attitude control of spacecraft in proximity operation missions. International Journal of Automation and Computing, 2012, 9, 342-351.	4.5	51
162	Proportional multiple-integral observer design for discrete-time descriptor linear systems. International Journal of Systems Science, 2012, 43, 1492-1503.	3.7	19

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163	Proportional multipleâ€integral observer design for continuousâ€time descriptor linear systems. Asian Journal of Control, 2012, 14, 476-488.	1.9	11
164	Parametric design approach for proportional multipleâ€integral derivative observers in descriptor linear systems. Asian Journal of Control, 2012, 14, 1683-1689.	1.9	3
165	An Exact Penalty Method for Free Terminal Time Optimal Control Problem with Continuous Inequality Constraints. Journal of Optimization Theory and Applications, 2012, 154, 30-53.	0.8	48
166	Robust dynamical compensator design for discrete-time linear periodic systems. Journal of Global Optimization, 2012, 52, 291-304.	1.1	3
167	On Eigenvalue Sets and Convergence Rate of ItÃ´ Stochastic Systems With Markovian Switching. IEEE Transactions on Automatic Control, 2011, 56, 1118-1124.	3.6	16
168	Stabilization of a Class of Linear Systems With Input Delay and the Zero Distribution of Their Characteristic Equations. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 388-401.	3.5	20
169	Estimation of the upper bound horizon for input constrained MPC based on reachable sets. International Journal of Control, 2011, 84, 1183-1192.	1.2	5
170	Lyapunov Differential Equation Approach to Elliptical Orbital Rendezvous with Constrained Controls. Journal of Guidance, Control, and Dynamics, 2011, 34, 345-358.	1.6	116
171	L_{∞} and L_2 Low-Gain Feedback: Their Properties, Characterizations and Applications in Constrained Control. IEEE Transactions on Automatic Control, 2011, 56, 1030-1045.	3.6	55
172	Distributed continuous-time consensus seeking in multi-agent systems. , 2011, , .		1
173	On Semiglobal Stabilization of Discrete-Time Periodic Systems With Bounded Controls. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 452-456.	2.2	10
174	Stability and stabilization of discrete-time periodic linear systems with actuator saturation. Automatica, 2011, 47, 1813-1820.	3.0	77
175	Robust adaptive dynamic surface control of uncertain nonlinear systems. International Journal of Control, Automation and Systems, 2011, 9, 161-168.	1.6	29
176	Global stabilization of linear systems with bounded controls using state-dependent saturation functions. Journal of Systems Science and Complexity, 2011, 24, 477-490.	1.6	5
177	Adaptive dynamic surface control for integrated missile guidance and autopilot. International Journal of Automation and Computing, 2011, 8, 122-127.	4.5	49
178	Consensus seeking in multiagent cooperative control systems with bounded control input. Journal of Control Theory and Applications, 2011, 9, 210-214.	0.8	11
179	Iterative algorithms for solving a class of complex conjugate and transpose matrix equations. Applied Mathematics and Computation, 2011, 217, 8343-8353.	1.4	47
180	An improved treatment of saturation nonlinearity with its application to control of systems subject to nested saturation. Automatica, 2011, 47, 306-315.	3.0	90

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181	A parametric periodic Lyapunov equation with application in semi-global stabilization of discrete-time periodic systems subject to actuator saturation. <i>Automatica</i> , 2011, 47, 316-325.	3.0	117
182	Finite iterative solutions to coupled Sylvester-conjugate matrix equations. <i>Applied Mathematical Modelling</i> , 2011, 35, 1065-1080.	2.2	60
183	Eigenstructure assignment for linear parameter-varying systems with applications. <i>Mathematical and Computer Modelling</i> , 2011, 53, 861-870.	2.0	13
184	Robust dissipative filtering for time-delay T-S fuzzy systems. , 2011, , .		0
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