

Guangren Duan

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/6304772/publications.pdf](https://exaly.com/author-pdf/6304772/publications.pdf)

Version: 2024-02-01

415
papers

9,668
citations

33666

51
h-index

55197

82
g-index

419
all docs

419
docs citations

419
times ranked

3742
citing authors

#	ARTICLE	IF	CITATIONS
1	High-order fully actuated system approaches: Part I. Models and basic procedure. International Journal of Systems Science, 2021, 52, 422-435.	5.5	257
2	LMI in Control Systems. , 0, , .		235
3	A Parametric Lyapunov Equation Approach to the Design of Low Gain Feedback. IEEE Transactions on Automatic Control, 2008, 53, 1548-1554.	6.0	230
4	Solutions of the equation $AV+BW=VF$ and their application to eigenstructure assignment in linear systems. IEEE Transactions on Automatic Control, 1993, 38, 276-280.	6.0	204
5	A new solution to the generalized Sylvester matrix equation. Systems and Control Letters, 2006, 55, 193-198.	2.3	157
6	High-order fully actuated system approaches: Part II. Generalized strict-feedback systems. International Journal of Systems Science, 2021, 52, 437-454.	5.5	157
7	Gradient based iterative algorithm for solving coupled matrix equations. Systems and Control Letters, 2009, 58, 327-333.	2.3	153
8	High-order fully actuated system approaches: Part III. Robust control and high-order backstepping. International Journal of Systems Science, 2021, 52, 952-971.	5.5	152
9	Trilateral Teleoperation of Adaptive Fuzzy Force/Motion Control for Nonlinear Teleoperators With Communication Random Delays. IEEE Transactions on Fuzzy Systems, 2013, 21, 610-624.	10.4	149
10	High-order fully actuated system approaches: Part IV. Adaptive control and high-order backstepping. International Journal of Systems Science, 2021, 52, 972-989.	5.5	145
11	Adaptive block dynamic surface control for integrated missile guidance and autopilot. Chinese Journal of Aeronautics, 2013, 26, 741-750.	5.4	136
12	Complete parametric approach for eigenstructure assignment in a class of second-order linear systems. Automatica, 2002, 38, 725-729.	5.1	128
13	Weighted least squares solutions to general coupled Sylvester matrix equations. Journal of Computational and Applied Mathematics, 2009, 224, 759-776.	2.0	127
14	A parametric periodic Lyapunov equation with application in semi-global stabilization of discrete-time periodic systems subject to actuator saturation. Automatica, 2011, 47, 316-325.	5.1	119
15	Lyapunov Differential Equation Approach to Elliptical Orbital Rendezvous with Constrained Controls. Journal of Guidance, Control, and Dynamics, 2011, 34, 345-358.	3.3	118
16	On the generalized Sylvester mapping and matrix equations. Systems and Control Letters, 2008, 57, 200-208.	2.3	106
17	High-order fully actuated system approaches: Part V. Robust adaptive control. International Journal of Systems Science, 2021, 52, 2129-2143.	5.5	106
18	High-order fully actuated system approaches: part VII. Controllability, stabilisability and parametric designs. International Journal of Systems Science, 2021, 52, 3091-3114.	5.5	105

#	ARTICLE	IF	CITATIONS
19	Stabilization of linear systems with input delay and saturation—A parametric Lyapunov equation approach. <i>International Journal of Robust and Nonlinear Control</i> , 2010, 20, 1502-1519.	3.7	100
20	Distributed and Truncated Reduced-Order Observer Based Output Feedback Consensus of Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2014, 59, 2264-2270.	6.0	100
21	On the solution to the Sylvester matrix equation $AV+BW=EVF$. <i>IEEE Transactions on Automatic Control</i> , 1996, 41, 612-614.	6.0	99
22	A parametric Lyapunov equation approach to low gain feedback design for discrete-time systems. <i>Automatica</i> , 2009, 45, 238-244.	5.1	97
23	An explicit solution to the matrix equation $AX^*XF=BY$. <i>Linear Algebra and Its Applications</i> , 2005, 402, 345-366.	0.9	96
24	High-order fully actuated system approaches: Part VIII. Optimal control with application in spacecraft attitude stabilisation. <i>International Journal of Systems Science</i> , 2022, 53, 54-73.	5.5	96
25	Robust eigenstructure assignment via dynamical compensators. <i>Automatica</i> , 1993, 29, 469-474.	5.1	92
26	Eigenstructure assignment and response analysis in descriptor linear systems with state feedback control. <i>International Journal of Control</i> , 1998, 69, 663-694.	1.9	92
27	An improved treatment of saturation nonlinearity with its application to control of systems subject to nested saturation. <i>Automatica</i> , 2011, 47, 306-315.	5.1	92
28	Robust actuator fault diagnosis scheme for satellite attitude control systems. <i>Journal of the Franklin Institute</i> , 2013, 350, 2560-2580.	3.7	88
29	Properties of the Parametric Lyapunov Equation-Based Low-Gain Design With Applications in Stabilization of Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , 2009, 54, 1698-1704.	6.0	86
30	High-order fully-actuated system approaches: Part VI. Disturbance attenuation and decoupling. <i>International Journal of Systems Science</i> , 2021, 52, 2161-2181.	5.5	84
31	Periodic Lyapunov Equation Based Approaches to the Stabilization of Continuous-Time Periodic Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2012, 57, 2139-2146.	6.0	83
32	Global stabilization of switched stochastic nonlinear systems in strict-feedback form under arbitrary switchings. <i>Automatica</i> , 2013, 49, 2571-2575.	5.1	83
33	Stability and stabilization of discrete-time periodic linear systems with actuator saturation. <i>Automatica</i> , 2011, 47, 1813-1820.	5.1	82
34	On the absolute stability approach to quantized feedback control. <i>Automatica</i> , 2010, 46, 337-346.	5.1	81
35	A Distributionally Robust Optimization Based Method for Stochastic Model Predictive Control. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 5762-5776.	6.0	80
36	Robust fault detection using Luenberger-type unknown input observers—a parametric approach. <i>International Journal of Systems Science</i> , 2001, 32, 533-540.	5.5	79

#	ARTICLE	IF	CITATIONS
37	High-order fully actuated system approaches: Part X. Basics of discrete-time systems. International Journal of Systems Science, 2022, 53, 810-832.	5.5	79
38	On Smith-type iterative algorithms for the Stein matrix equation. Applied Mathematics Letters, 2009, 22, 1038-1044.	2.8	77
39	Robust adaptive integrated translation and rotation control of a rigid spacecraft with control saturation and actuator misalignment. Acta Astronautica, 2013, 86, 167-187.	3.3	76
40	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.	5.4	73
41	Solution to the Second-Order Sylvester Matrix Equation $MVF^2 + DVF + KV = BW$. IEEE Transactions on Automatic Control, 2006, 51, 805-809.	6.0	72
42	Iterative solutions to coupled Sylvester-conjugate matrix equations. Computers and Mathematics With Applications, 2010, 60, 54-66.	2.8	72
43	High-order fully-actuated system approaches: Part IX. Generalised PID control and model reference tracking. International Journal of Systems Science, 2022, 53, 652-674.	5.5	67
44	H_{∞} Control of Discrete-Time Systems With Multiple Input Delays. IEEE Transactions on Automatic Control, 2007, 52, 271-283.	6.0	63
45	Finite iterative solutions to coupled Sylvester-conjugate matrix equations. Applied Mathematical Modelling, 2011, 35, 1065-1080.	4.3	61
46	Eigenstructure assignment in descriptor systems via output feedback: A new complete parametric approach. International Journal of Control, 1999, 72, 345-364.	1.9	58
47	L_{∞} and L_2 Low-Gain Feedback: Their Properties, Characterizations and Applications in Constrained Control. IEEE Transactions on Automatic Control, 2011, 56, 1030-1045.	6.0	56
48	New versions of Barbalat's lemma with applications. Journal of Control Theory and Applications, 2010, 8, 545-547.	0.8	55
49	Generalized Sylvester Equations. , 0, , .		53
50	Integrated relative position and attitude control of spacecraft in proximity operation missions. International Journal of Automation and Computing, 2012, 9, 342-351.	4.6	52
51	Fault-tolerant attitude tracking control of combined spacecraft with reaction wheels under prescribed performance. ISA Transactions, 2020, 98, 161-172.	6.2	52
52	On solutions of matrix equations $V\hat{A} - V\hat{A}A - V\hat{A}V = F$ and $V\hat{A} - V\hat{A}A - V\hat{A}V = F$. Mathematical and Computer Modelling, 2008, 47, 1181-1197.	1.9	51
53	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.	5.5	51
54	Optimal soft landing control for moon lander. Automatica, 2008, 44, 1097-1103.	5.1	50

#	ARTICLE	IF	CITATIONS
55	Iterative algorithms for solving a class of complex conjugate and transpose matrix equations. Applied Mathematics and Computation, 2011, 217, 8343-8353.	2.3	50
56	Adaptive dynamic surface control for integrated missile guidance and autopilot. International Journal of Automation and Computing, 2011, 8, 122-127.	4.6	49
57	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.	1.5	49
58	Iterative solutions to the extended Sylvester-conjugate matrix equations. Applied Mathematics and Computation, 2010, 217, 130-142.	2.3	48
59	Functional interval observer for the linear systems with disturbances. IET Control Theory and Applications, 2018, 12, 2562-2568.	2.2	47
60	Gradient-based maximal convergence rate iterative method for solving linear matrix equations. International Journal of Computer Mathematics, 2010, 87, 515-527.	1.7	46
61	Solution to Generalized Sylvester Matrix Equations. IEEE Transactions on Automatic Control, 2008, 53, 811-815.	6.0	45
62	Parametric Pole Assignment and Robust Pole Assignment for Discrete-Time Linear Periodic Systems. SIAM Journal on Control and Optimization, 2010, 48, 3975-3996.	2.2	45
63	Anti-unwinding sliding mode attitude control via two modified Rodrigues parameter sets for spacecraft. Automatica, 2021, 129, 109642.	5.1	45
64	Robust H_{∞} control for a class of uncertain mechanical systems. International Journal of Control, 2010, 83, 1303-1324.	1.9	44
65	Robust control of spacecraft rendezvous on elliptical orbit. Journal of the Franklin Institute, 2012, 349, 2515-2529.	3.7	44
66	Robust magnetic bearing control via eigenstructure assignment dynamical compensation. IEEE Transactions on Control Systems Technology, 2003, 11, 204-215.	5.4	43
67	Global Stabilization of the Double Integrator System With Saturation and Delay in the Input. IEEE Transactions on Circuits and Systems I: Regular Papers, 2010, 57, 1371-1383.	5.8	43
68	Robust fault detection using Luenberger-type unknown input observers-a parametric approach. International Journal of Systems Science, 2001, 32, 533-540.	5.5	43
69	On solutions of the matrix equations $XF\hat{A}AX=C$ and. Applied Mathematics and Computation, 2006, 183, 932-941.	2.3	41
70	Detectability and observability of discrete-time stochastic systems and their applications. Automatica, 2009, 45, 1340-1346.	5.1	41
71	Kronecker Maps and Sylvester-Polynomial Matrix Equations. IEEE Transactions on Automatic Control, 2007, 52, 905-910.	6.0	40
72	Robust global stabilization of linear systems with input saturation via gain scheduling. International Journal of Robust and Nonlinear Control, 2010, 20, 424-447.	3.7	40

#	ARTICLE	IF	CITATIONS
73	On Analytical Approximation of the Maximal Invariant Ellipsoids for Linear Systems With Bounded Controls. IEEE Transactions on Automatic Control, 2009, 54, 346-353.	6.0	39
74	Barrier Lyapunov function-based integrated guidance and control with input saturation and state constraints. Aerospace Science and Technology, 2019, 84, 845-855.	4.8	38
75	Regularizability Of Linear Descriptor Systems Via Output Plus Partial State Derivative Feedback. Asian Journal of Control, 2003, 5, 334-340.	2.9	37
76	Robust adaptive dynamic surface control of uncertain nonlinear systems with output constraints. IET Control Theory and Applications, 2017, 11, 110-121.	2.2	36
77	Solutions to a family of matrix equations by using the Kronecker matrix polynomials. Applied Mathematics and Computation, 2009, 212, 327-336.	2.3	34
78	Robust gain scheduled control of spacecraft rendezvous system subject to input saturation. Aerospace Science and Technology, 2015, 42, 442-450.	4.8	34
79	Robust Adaptive Fault Estimation for a Class of Nonlinear Systems Subject to Multiplicative Faults. Circuits, Systems, and Signal Processing, 2012, 31, 2035-2046.	2.1	33
80	Adaptive Dynamic Surface Control for Integrated Missile Guidance and Autopilot in the Presence of Input Saturation. Journal of Aerospace Engineering, 2015, 28, .	1.4	33
81	New Iterative Algorithms for Solving Coupled Markovian Jump Lyapunov Equations. IEEE Transactions on Automatic Control, 2015, 60, 289-294.	6.0	32
82	Global robust finite-time stabilisation of unknown pure-feedback systems with input dead-zone nonlinearity. IET Control Theory and Applications, 2016, 10, 234-243.	2.2	32
83	Design of Generalized PI Observers for Descriptor Linear Systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2006, 53, 2828-2837.	0.1	31
84	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.	1.9	31
85	Post-capture attitude control with prescribed performance. Aerospace Science and Technology, 2020, 96, 105572.	4.8	31
86	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.	9.6	31
87	Robust H_∞ filter design for 2D discrete systems in Roesser model. International Journal of Automation and Computing, 2008, 5, 413-418.	4.6	30
88	ESA in high-order linear systems via output feedback. Asian Journal of Control, 2009, 11, 336-343.	2.9	30
89	Approximation and Monotonicity of the Maximal Invariant Ellipsoid for Discrete-Time Systems by Bounded Controls. IEEE Transactions on Automatic Control, 2010, 55, 440-446.	6.0	30
90	Finite iterative solutions to a class of complex matrix equations with conjugate and transpose of the unknowns. Mathematical and Computer Modelling, 2010, 52, 1463-1478.	1.9	29

#	ARTICLE	IF	CITATIONS
91	Robust adaptive dynamic surface control of uncertain nonlinear systems. International Journal of Control, Automation and Systems, 2011, 9, 161-168.	2.7	29
92	Closed-form solutions to Sylvester-conjugate matrix equations. Computers and Mathematics With Applications, 2010, 60, 95-111.	2.8	28
93	Fully Actuated System Approach for 6DOF Spacecraft Control Based on Extended State Observer. Journal of Systems Science and Complexity, 2022, 35, 604-622.	2.7	28
94	Two parametric approaches for eigenstructure assignment in second-order linear systems. Journal of Control Theory and Applications, 2003, 1, 59-64.	0.8	27
95	Stabilisation of time-varying linear systems via Lyapunov differential equations. International Journal of Control, 2013, 86, 332-347.	1.9	27
96	Closed-form solutions to the nonhomogeneous Yakubovich-conjugate matrix equation. Applied Mathematics and Computation, 2009, 214, 442-450.	2.3	26
97	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.	3.7	25
98	Output-feedback super-twisting control for line-of-sight angles tracking of non-cooperative target spacecraft. ISA Transactions, 2019, 94, 17-27.	6.2	25
99	Constrained Feedback Control for Spacecraft Reorientation With an Optimal Gain. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3916-3926.	4.9	25
100	Brockett's First Example: An FAS Approach Treatment. Journal of Systems Science and Complexity, 2022, 35, 441-456.	2.7	25
101	Substability and Substabilization: Control of Subfully Actuated Systems. IEEE Transactions on Cybernetics, 2023, 53, 7309-7322.	10.0	25
102	Full delayed state feedback pole assignment of discrete-time delay systems. Optimal Control Applications and Methods, 2010, 31, 155-169.	2.2	24
103	Implicit Iterative Algorithms for Continuous Markovian Jump Lyapunov Equations. IEEE Transactions on Automatic Control, 2016, 61, 3183-3189.	6.0	24
104	Finite-Time Concurrent Learning Adaptive Control for Spacecraft with Inertia Parameter Identification. Journal of Guidance, Control, and Dynamics, 2020, 43, 574-584.	3.3	24
105	Robust Pole Assignment in Descriptor Linear Systems via State Feedback. European Journal of Control, 2002, 8, 136-149.	2.7	23
106	Adaptive finite-time tracking control of 6DOF spacecraft motion with inertia parameter identification. IET Control Theory and Applications, 2019, 13, 2075-2085.	2.2	23
107	Robust Stabilization of Time-Varying Nonlinear Systems With Time-Varying Delays: A Fully Actuated System Approach. IEEE Transactions on Cybernetics, 2023, 53, 7455-7468.	10.0	23
108	Integrated translational and rotational control for the terminal landing phase of a lunar module. Aerospace Science and Technology, 2013, 27, 112-126.	4.8	22

#	ARTICLE	IF	CITATIONS
109	Global finite time stabilization of pure-feedback systems with input dead-zone nonlinearity. <i>Journal of the Franklin Institute</i> , 2017, 354, 4073-4101.	3.7	22
110	Distributed fixed-time consensus tracking for high-order uncertain nonlinear multi-agent systems with switching topologies. <i>IET Control Theory and Applications</i> , 2019, 13, 1761-1772.	2.2	22
111	Distributed Fixed-time Attitude Synchronization Control for Multiple Rigid Spacecraft. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 1117-1130.	2.7	22
112	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.	4.9	22
113	Generalized PID Observer Design for Descriptor Linear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 1390-1395.	5.3	21
114	Robust adaptive control for a class of semi-strict feedback systems with state and input constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 3189-3211.	3.7	21
115	Leader-following fixed-time output feedback consensus for second-order multi-agent systems with input saturation. <i>International Journal of Systems Science</i> , 2018, 49, 2873-2887.	5.5	21
116	A Parametric Method of Linear Functional Observers for Linear Time-varying Systems. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 647-656.	2.7	21
117	On unified concepts of detectability and observability for continuous-time stochastic systems. <i>Applied Mathematics and Computation</i> , 2010, 217, 521-536.	2.3	20
118	Stabilization of a Class of Linear Systems With Input Delay and the Zero Distribution of Their Characteristic Equations. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011, 58, 388-401.	5.8	20
119	An improved adaptive dynamic surface control approach for uncertain nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018, 32, 713-728.	4.0	20
120	Fully Actuated System Approach for Linear Systems Control: A Frequency-Domain Solution. <i>Journal of Systems Science and Complexity</i> , 2022, 35, 2046-2061.	2.7	20
121	Stabilization via Fully Actuated System Approach: A Case Study. <i>Journal of Systems Science and Complexity</i> , 2022, 35, 731-747.	2.7	20
122	On delay-independent stability criteria for linear time-delay systems. <i>International Journal of Automation and Computing</i> , 2007, 4, 95-100.	4.6	19
123	Proportional multiple-integral observer design for discrete-time descriptor linear systems. <i>International Journal of Systems Science</i> , 2012, 43, 1492-1503.	5.5	19
124	Adaptive sliding mode control of uncertain nonlinear systems with preassigned settling time and its applications. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 6438-6462.	3.7	19
125	Parametric control to a type of quasi-linear second-order systems via output feedback. <i>International Journal of Control</i> , 2019, 92, 291-302.	1.9	19
126	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.	5.8	19

#	ARTICLE	IF	CITATIONS
127	Adaptive sliding-mode control for spacecraft relative position tracking with maneuvering target. International Journal of Robust and Nonlinear Control, 2018, 28, 5786-5810.	3.7	18
128	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.	8.2	18
129	Event-triggered and self-triggered gain scheduling control of input constrained systems with applications to the spacecraft rendezvous. International Journal of Robust and Nonlinear Control, 2021, 31, 4629-4646.	3.7	18
130	Robust fault detection in linear systems based on PI observers. International Journal of Systems Science, 2006, 37, 809-816.	5.5	17
131	Robust output feedback control for a class of nonlinear systems with input unmodeled dynamics. International Journal of Automation and Computing, 2008, 5, 307-312.	4.6	17
132	Parametric control systems design with applications in missile control. Science in China Series F: Information Sciences, 2009, 52, 2190-2200.	0.9	16
133	On Eigenvalue Sets and Convergence Rate of It \acute{A} ' Stochastic Systems With Markovian Switching. IEEE Transactions on Automatic Control, 2011, 56, 1118-1124.	6.0	16
134	Output feedback elliptical orbital rendezvous via state-dependent Riccati differential equations. IET Control Theory and Applications, 2013, 7, 1429-1436.	2.2	16
135	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.	3.7	16
136	Adaptive dynamic surface asymptotic tracking control of uncertain strict-feedback systems with guaranteed transient performance and accurate parameter estimation. International Journal of Robust and Nonlinear Control, 2022, 32, 6829-6848.	3.7	16
137	Concurrent Learning Adaptive Command Filtered Backstepping Control for High-Order Strict-Feedback Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2023, 70, 1696-1709.	5.8	16
138	Aerodynamic Coefficients Models of Hypersonic Vehicle Based on Aero Database. , 2010, , .		15
139	Adaptive control of uncertain pure-feedback nonlinear systems. International Journal of Systems Science, 2017, 48, 2137-2145.	5.5	15
140	Parametric control to a type of quasi-linear high-order systems via output feedback. European Journal of Control, 2019, 47, 44-52.	2.7	15
141	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.	9.6	15
142	Robust H-infinity fault-tolerant control for uncertain descriptor systems by dynamical compensators. Journal of Control Theory and Applications, 2004, 2, 288-292.	0.8	14
143	Finite iterative algorithms for the generalized Sylvester-conjugate matrix equation $AX+BY=\overline{X}F+S$. Computing (Vienna/New York), 2010, 89, 147-170.	4.8	14
144	ESA in high-order descriptor linear systems via output feedback. International Journal of Control, Automation and Systems, 2010, 8, 408-417.	2.7	14

#	ARTICLE	IF	CITATIONS
145	Output Feedback Stabilization of Switched Stochastic Nonlinear Systems Under Arbitrary Switchings. International Journal of Automation and Computing, 2013, 10, 571-577.	4.6	14
146	Integrated guidance and control with input saturation and disturbance observer. Journal of Control and Decision, 2018, 5, 277-299.	1.4	14
147	Pole assignment of high-order linear systems with high-order time-derivatives in the input. Journal of the Franklin Institute, 2020, 357, 1437-1456.	3.7	14
148	Prescribed-time stabilization of normal nonlinear systems by bounded time-varying feedback. International Journal of Robust and Nonlinear Control, 2022, 32, 421-450.	3.7	14
149	Prescribed-Time Asymptotic Tracking Control of Strict Feedback Systems With Time-Varying Parameters and Unknown Control Direction. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 5259-5272.	5.8	14
150	Robust model-reference control for descriptor linear systems subject to parameter uncertainties. Journal of Control Theory and Applications, 2007, 5, 213-220.	0.8	13
151	Improved Robust H-Infinity Estimation for Uncertain Continuous-Time Systems. Journal of Systems Science and Complexity, 2007, 20, 362-369.	2.7	13
152	Unified parametrization for the solutions to the polynomial diophantine matrix equation and the generalized Sylvester matrix equation. International Journal of Control, Automation and Systems, 2010, 8, 29-35.	2.7	13
153	Eigenstructure assignment for linear parameter-varying systems with applications. Mathematical and Computer Modelling, 2011, 53, 861-870.	1.9	13
154	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.	5.5	13
155	An optimal control approach to spacecraft rendezvous on elliptical orbit. Optimal Control Applications and Methods, 2015, 36, 158-178.	2.2	13
156	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.	2.7	13
157	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.	10.4	13
158	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.	3.7	13
159	Time domain solution to descriptor variable systems. IEEE Transactions on Automatic Control, 2005, 50, 1796-1799.	6.0	12
160	Consensus seeking in multiagent cooperative control systems with bounded control input. Journal of Control Theory and Applications, 2011, 9, 210-214.	0.8	12
161	Proportional multiple-integral observer design for continuous-time descriptor linear systems. Asian Journal of Control, 2012, 14, 476-488.	2.9	12
162	Parametric control of quasi-linear systems via state feedback. , 2014, , .		12

#	ARTICLE	IF	CITATIONS
163	Parametric control of quasi-linear systems by output feedback. , 2014, , .		12
164	Háž 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.	3.7	12
165	Parametric Control to a Type of Descriptor Quasi-Linear Systems via Output Feedback. IEEE Access, 2019, 7, 39911-39922.	4.4	12
166	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.	9.6	12
167	High-Order Fully Actuated Control Approaches of Flexible Servo Systems Based on Singular Perturbation Theory. IEEE/ASME Transactions on Mechatronics, 2023, 28, 3386-3397.	6.1	12
168	Linear Quadratic Regulation for Linear Time-varying Systems with Multiple Input Delays Part I: Discrete-time Case. , 0, , .		11
169	Generalized regularity and regularizability of rectangular descriptor systems. Journal of Control Theory and Applications, 2007, 5, 159-163.	0.8	11
170	Right Coprime Factorizations for Singleâ€Input Descriptor Linear Systems: A Simple Numerically Stable Algorithm. Asian Journal of Control, 2002, 4, 146-158.	2.9	11
171	Adaptive Jacobian force/position tracking for space free-flying robots with prescribed transient performance. Robotics and Autonomous Systems, 2015, 72, 235-247.	5.2	11
172	Adaptive fuzzy backstepping control for attitude stabilization of flexible spacecraft with signal quantization and actuator faults. Science China Information Sciences, 2021, 64, 1.	4.5	11
173	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.	9.6	11
174	Eigenstructure assignment in a class of second-order dynamic systems. Journal of Control Theory and Applications, 2006, 4, 302-308.	0.8	10
175	An explicit solution to polynomial matrix right coprime factorization with application in eigenstructure assignment. Journal of Control Theory and Applications, 2006, 4, 147-154.	0.8	10
176	Parametric Approach for the Normal Luenberger Function Observer Design in Second-order Linear Systems. , 2006, , .		10
177	Parametric approach for the normal Luenberger function observer design in second-order descriptor linear systems. International Journal of Automation and Computing, 2008, 5, 125-131.	4.6	10
178	Robust model following control for a class of second-order dynamical systems subject to parameter uncertainties. Transactions of the Institute of Measurement and Control, 2008, 30, 115-142.	1.8	10
179	On Semiglobal Stabilization of Discrete-Time Periodic Systems With Bounded Controls. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 452-456.	3.2	10
180	Path-Following Control of Wheeled Planetary Exploration Robots Moving on Deformable Rough Terrain. Scientific World Journal, The, 2014, 2014, 1-13.	2.2	10

#	ARTICLE	IF	CITATIONS
181	Integrated guidance and control with partial state constraints and actuator faults. Journal of the Franklin Institute, 2019, 356, 4785-4810.	3.7	10
182	Circulation algorithm for partial eigenstructure assignment via state feedback. European Journal of Control, 2019, 50, 107-116.	2.7	10
183	Observer-based multi-objective parametric design for spacecraft with super flexible netted antennas. Science China Information Sciences, 2020, 63, 1.	4.5	10
184	Dynamic infinity-norm constrained control allocation for attitude tracking control of overactuated combined spacecraft. IET Control Theory and Applications, 2019, 13, 1692-1703.	2.2	10
185	Distributionally Robust Model Predictive Control With Output Feedback. IEEE Transactions on Automatic Control, 2024, 69, 3270-3277.	6.0	10
186	Robust pole assignment via P-D feedback in a class of second-order dynamic systems. , 0, , .		9
187	Enhanced LMI representations for H2 performance of polytopic uncertain systems: Continuous-time case. International Journal of Automation and Computing, 2006, 3, 304-308.	4.6	9
188	ROBUST EIGENVALUE ASSIGNMENT IN DESCRIPTOR SYSTEMS VIA OUTPUT FEEDBACK. Asian Journal of Control, 2004, 6, 145-154.	2.9	9
189	Robust H-infinity estimation for linear time-delay systems: An improved LMI approach. International Journal of Control, Automation and Systems, 2009, 7, 668-673.	2.7	9
190	Satellite attitude control—A direct parametric approach. , 2014, , .		9
191	Quaternion-based satellite attitude control—A direct parametric approach. , 2014, , .		9
192	Data-driven-based attitude control of combined spacecraft with noncooperative target. International Journal of Robust and Nonlinear Control, 2019, 29, 5801-5819.	3.7	9
193	Robust Control Allocation in Attitude Fault-Tolerant Control for Combined Spacecraft Under Measurement Uncertainty. IEEE Access, 2019, 7, 156191-156206.	4.4	9
194	Parametric control to linear time-varying systems based on dynamic compensator and multi-objective optimization. Asian Journal of Control, 2020, 22, 2395-2411.	2.9	9
195	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.	1.8	9
196	Eigenstructure assignment in a class of second-order descriptor linear systems: A complete parametric approach. International Journal of Automation and Computing, 2005, 2, 1-5.	4.6	8
197	Non-cooperative rendezvous and interception —A direct parametric control approach. , 2014, , .		8
198	On-line optimal autonomous reentry guidance based on improved Gauss pseudospectral method. Science China Information Sciences, 2014, 57, 1-16.	4.5	8

#	ARTICLE	IF	CITATIONS
199	Robust adaptive control for a class of cascaded nonlinear systems with applications to space interception. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 2048-2078.	3.7	8
200	Direct parametric control of fully-actuated high-order nonlinear systems—Normal case. , 2014, , .		8
201	Judicial visibility under responsive authoritarianism: a study of the live broadcasting of court trials in China. <i>Media, Culture and Society</i> , 2019, 41, 1088-1106.	3.2	8
202	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.	1.9	8
203	Strong Stability Analysis of Linear Delay-Difference Equations With Multiple Time Delays. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 3741-3748.	6.0	8
204	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.	2.7	8
205	On the Role of Zeros in the Pole Assignment of Scalar High-Order Fully Actuated Linear Systems. <i>Journal of Systems Science and Complexity</i> , 2022, 35, 535-542.	2.7	8
206	Robust model reference tracking for uncertain second-order nonlinear systems with application to robot manipulator. <i>International Journal of Robust and Nonlinear Control</i> , 2023, 33, 1750-1771.	3.7	8
207	An explicit solution to the matrix equation $AV+BW=EV$. <i>Journal of Control Theory and Applications</i> , 2007, 5, 47-52.	0.8	7
208	ROBUST POLE ASSIGNMENT VIA OUTPUT FEEDBACK IN DESCRIPTOR LINEAR SYSTEMS WITH STRUCTURAL PARAMETER PERTURBATIONS. <i>Asian Journal of Control</i> , 2007, 9, 201-207.	2.9	7
209	Controllability and stability of discrete-time antilinear systems. , 2013, , .		7
210	Direct parametric approach for cascaded systems with application in robot control. , 2014, , .		7
211	Gain scheduled control of linear systems with unsymmetrical saturation actuators. <i>International Journal of Systems Science</i> , 2016, 47, 3711-3719.	5.5	7
212	Delayed output feedback of discrete-time delay systems with applications to spacecraft rendezvous. <i>IET Control Theory and Applications</i> , 2018, 12, 828-836.	2.2	7
213	Robust stability of uncertain second-order linear time-varying systems. <i>Journal of the Franklin Institute</i> , 2019, 356, 9881-9906.	3.7	7
214	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.	3.7	7
215	Partial Eigenstructure assignment for descriptor linear systems: a complete parametric approach. , 0, , .		6
216	A note on combined generalized sylvester matrix equations. <i>Journal of Control Theory and Applications</i> , 2004, 2, 397-400.	0.8	6

#	ARTICLE	IF	CITATIONS
217	Robust H-infinity estimation for continuous-time polytopic uncertain systems. Journal of Control Theory and Applications, 2005, 3, 393-398.	0.8	6
218	An Adaptive Iterated Kalman Filter. , 2006, , .		6
219	Observer Design in High-order Descriptor Linear Systems. , 2006, , .		6
220	Closed-form solutions to the matrix equation $AX \hat{=} EXF = BY$ with F in companion form. International Journal of Automation and Computing, 2009, 6, 204-209.	4.6	6
221	On equivalence and explicit solutions of a class of matrix equations. Mathematical and Computer Modelling, 2009, 50, 1409-1420.	1.9	6
222	Direct parametric control of fully-actuated high-order quasi-linear systems via dynamical feedback. , 2014, , .		6
223	Missile attitude controlâ€”A direct parametric approach. , 2014, , .		6
224	Output feedback stabilization of spacecraft autonomous rendezvous subject to actuator saturation. International Journal of Automation and Computing, 2016, 13, 428-437.	4.6	6
225	Finite-time H_{∞} filtering for non-linear stochastic systems. International Journal of Systems Science, 2016, 47, 2945-2953.	5.5	6
226	Robust H_{∞} dynamic output feedback control for spacecraft rendezvous with poles and input constraint. International Journal of Systems Science, 2017, 48, 1022-1034.	5.5	6
227	On universal stabilization property of Interconnection and Damping Assignment Control. Automatica, 2020, 119, 109087.	5.1	6
228	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.	9.6	6
229	Fully Actuated System Approaches: Predictive Elimination Control for Discrete-Time Nonlinear Time-Varying Systems With Full State Constraints and Time-Varying Delays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2024, 71, 383-396.	5.8	6
230	Asymptotically tracking in matrix second-order dynamical system framework. , 2005, , .		5
231	Robust Reliable Guaranteed Cost Control of Linear Descriptor Time-Delay Systems with Actuator Failures. , 2006, , .		5
232	Robust Controller Design for Autopilot of a BTT Missile. , 2006, , .		5
233	IP Observer Design for Descriptor Linear Systems. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2007, 54, 815-819.	2.3	5
234	Impulsiveâ€”mode controllability revisited for descriptor linear systems. Asian Journal of Control, 2009, 11, 358-365.	2.9	5

#	ARTICLE	IF	CITATIONS
235	Delay-dependent passive control of stochastic differential system with time delay. , 2010, , .		5
236	Estimation of the upper bound horizon for input constrained MPC based on reachable sets. International Journal of Control, 2011, 84, 1183-1192.	1.9	5
237	Global stabilization of linear systems with bounded controls using state-dependent saturation functions. Journal of Systems Science and Complexity, 2011, 24, 477-490.	2.7	5
238	Parametric solutions to fully-actuated generalized Sylvester equationsâ€”The nonhomogeneous case. , 2014, , .		5
239	Direct parametric control of fully-actuated second-order nonlinear systems—descriptor case. , 2014, , .		5
240	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.	3.7	5
241	Parametric output regulation using observer-based PI controllers with applications in flexible spacecraft attitude control. Science China Information Sciences, 2021, 64, 1.	4.5	5
242	Parametric Pole Assignment for Discrete-time Linear Periodic Systems via Output Feedback. Zidonghua Xuebao/Acta Automatica Sinica, 2010, 36, 113-120.	0.3	5
243	Adaptive Preassigned Time Stabilisation of Uncertain Second-Order Sub-Fully Actuated Systems. Journal of Systems Science and Complexity, 2022, 35, 703-713.	2.7	5
244	An Optimal FASA Approach for UAV Trajectory Tracking Control. Research on World Agricultural Economy, 0, , .	1.9	5
245	Practical Prescribed-Time Stabilization of a Class of Nonlinear Systems by Event-Triggered and Self-Triggered Control. IEEE Transactions on Automatic Control, 2024, 69, 3426-3433.	6.0	5
246	Observer-based H/sub ∞ / fault-tolerant control against actuator failures for descriptor systems. , 0, , .		4
247	An explicit solution to right factorization with application in eigenstructure assignment. Journal of Control Theory and Applications, 2005, 3, 275-279.	0.8	4
248	Complete Eigenstructure Assignment in High-order Descriptor Linear Systems via Proportional plus Derivative State Feedback. , 2006, , .		4
249	Robust Passive Filtering for Switched Systems with Time-varying Delays. , 2007, , .		4
250	Robust gain scheduled control of spacecraft rendezvous system subject to input saturation. , 2014, , .		4
251	Robust Global Stabilization of Spacecraft Rendezvous System via Gain Scheduling. International Journal of Automation and Computing, 2014, 11, 426-433.	4.6	4
252	A developed constrained control allocation approach based on pseudo inverse. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
253	A Hybrid Data Preprocessing-Based Hierarchical Attention BiLSTM Network for Remaining Useful Life Prediction of Spacecraft Lithium-Ion Batteries. IEEE Transactions on Neural Networks and Learning Systems, 2024, , 1-14.	12.6	4
254	Event-Triggered Adaptive Sliding Mode Control of Uncertain Nonlinear Systems Based on Fully Actuated System Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, 71, 2749-2753.	3.2	4
255	Reduced-order observer design for matrix second-order linear systems. , 0, , .		3
256	Simplified multiple model filtering of target glint. , 0, , .		3
257	State feedback eigenstructure assignment with minimum control effort. , 0, , .		3
258	H/∞ measurement feedback control for time delay systems via Krein space. , 0, , .		3
259	Solution to High-order Generalized Sylvester Matrix Equations. , 0, , .		3
260	Optimal Robust Guaranteed Cost Control of Uncertain Linear Continuous Time Systems via Dynamical Output Feedback. , 2006, , .		3
261	Parametric Control Systems Design - Theory and Applications. , 2006, , .		3
262	Robust Dissipative Control for Uncertain Descriptor Linear Systems with Time Delay. , 2006, , .		3
263	Guaranteed Cost Control for Uncertain Discrete-time Switched Systems. , 2006, , .		3
264	Asymptotically Tracking for a Class of Second-order Descriptor Dynamical Systems. , 2006, , .		3
265	Disturbance Attenuation in Model Following Designs of a Class of Second-order Systems: a Parametric Approach. , 2006, , .		3
266	Observer-Based Output Stabilization of Integrators System with Lipschitz Nonlinear Term by Bounded Control. , 2006, , .		3
267	Exponential stability of nonlinear ito differential systems with Markovian switching. , 2008, , .		3
268	Properties of the parametric Lyapunov equation based low gain design with applications in stabilization of time-delay systems. , 2009, , .		3
269	Closed form solutions for matrix linear systems using double matrix exponential functions. International Journal of Systems Science, 2009, 40, 91-99.	5.5	3
270	Solutions to the matrix equation $A - X + E^{-1} X E = C$. Computers and Mathematics With Applications, 2009, 58, 1891-1900.	2.8	3

#	ARTICLE	IF	CITATIONS
271	Improved L ² filtering for stochastic time-delay systems. International Journal of Control, Automation and Systems, 2010, 8, 741-747.	2.7	3
272	Parametric observer-based control for linear discrete periodic systems. , 2010, , .		3
273	Parametric design approach for proportional multiple integral derivative observers in descriptor linear systems. Asian Journal of Control, 2012, 14, 1683-1689.	2.9	3
274	Robust dynamical compensator design for discrete-time linear periodic systems. Journal of Global Optimization, 2012, 52, 291-304.	1.9	3
275	Cooperative spacecraft rendezvous—A direct parametric control approach. , 2014, , .		3
276	Control of feedback type systems — A direct parametric approach. , 2014, , .		3
277	A direct parametric approach for missile guidance—Case of sea targets. , 2014, , .		3
278	Adaptive nonsingular fast terminal sliding mode control for spacecraft hovering to noncooperative target. , 2017, , .		3
279	Rotating consensus tracking for second-order multi-agent systems with external disturbances. Transactions of the Institute of Measurement and Control, 2018, 40, 3604-3616.	1.8	3
280	Direct parametric attitude tracking control for generic hypersonic vehicle. International Journal of Systems Science, 2018, 49, 1507-1517.	5.5	3
281	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.	1.8	3
282	Passivity-based adaptive tracking control of spacecraft line-of-sight relative motion with thrust saturation. Journal of the Franklin Institute, 2021, 358, 6408-6432.	3.7	3
283	Modified \hat{I} -Policy Iteration Based Adaptive Dynamic Programming for Unknown Discrete-Time Linear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 3291-3301.	12.6	3
284	High-order adaptive dynamic surface control for output-constrained non-linear systems based on fully actuated system approach. International Journal of Systems Science, 2024, 55, 482-498.	5.5	3
285	High-Precision Trajectory Tracking Control for Free-Flying Space Manipulators With Multiple Constraints and System Uncertainties. IEEE Transactions on Aerospace and Electronic Systems, 2024, 60, 789-801.	4.9	3
286	Observer-based fault-tolerant control for descriptor systems. , 0, , .		2
287	Optimal Filtering for Stochastic Descriptor Systems with Delayed Measurements. , 2006, , .		2
288	Conditions for C-controllability and C-observability of Rectangular Descriptor Systems. , 2006, , .		2

#	ARTICLE	IF	CITATIONS
289	Robust guaranteed cost control for descriptor systems with Markov jumping parameters and state delays. ANZIAM Journal, 2006, 47, 569-580.	0.4	2
290	Robust L1 Filtering with Pole Constraint in a Disk via Parameter-dependent Lyapunov Functions. , 2006, , .		2
291	Study on the optimal fuel consumption of the singularity condition for lunar soft landing. , 2007, , .		2
292	Solutions to the generalized Sylvester matrix equations by a singular value decomposition. Journal of Control Theory and Applications, 2007, 5, 397-403.	0.8	2
293	Solving the generalized Sylvester matrix equation $AV + BW = VF$ via Kronecker map. Journal of Control Theory and Applications, 2008, 6, 330-332.	0.8	2
294	Unified parametrization for the solutions to the polynomial Diophantine matrix equation and the generalized Sylvester matrix equation. , 2008, , .		2
295	Solutions to the positive real control problem for linear systems via reduced-order observer. , 2008, , .		2
296	Robust pole assignment for discrete-time linear periodic systems via output feedback. , 2009, , .		2
297	Parameter-dependent Lyapunov function approach to robust stability analysis for discrete-time descriptor polytopic systems. , 2009, , .		2
298	Almost disturbance decoupling for a class of inherently nonlinear systems. International Journal of Control, Automation and Systems, 2009, 7, 325-330.	2.7	2
299	Norm vanishment and its applications in constrained control - Part II: the L_2 case. , 2009, , .		2
300	Norm vanishment and its applications in constrained control - Part I: the L_∞ case. , 2009, , .		2
301	Reentry trajectory optimization of hypersonic vehicle with enhancing parametrization method. , 2010, , .		2
302	Finite-time rotating consensus tracking control for second-order multi-agent systems. , 2016, , .		2
303	Missile guidance law with impact angle constraint and acceleration saturation. , 2016, , .		2
304	A direct parametric approach to spacecraft attitude tracking control. International Journal of Automation and Computing, 2017, 14, 626-636.	4.6	2
305	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.	1.8	2
306	State-space Realization and Generalized Popov Belevitch Hautus Criterion for High-order Linear systemsâ€™The Singular Case. International Journal of Control, Automation and Systems, 2020, 18, 2038-2047.	2.7	2

#	ARTICLE	IF	CITATIONS
307	Interconnection structure preservation design for a type of port-controlled hamiltonian systems” A parametric approach. IET Control Theory and Applications, 2021, 15, 338-347.	2.2	2
308	Further Geometric and Lyapunov Characterizations of Incrementally Stable Systems on Finsler Manifolds. IEEE Transactions on Automatic Control, 2022, 67, 5614-5621.	6.0	2
309	Finite-Time Control of a Class of Nonlinear Underactuated Systems with Application to Underactuated Axisymmetric Spacecraft. IEEE Transactions on Aerospace and Electronic Systems, 2023, , 1-10.	4.9	2
310	Discrete-Time Model Reference Tracking Control for A Class of Combined Spacecraft: A High-Order Fully Actuated System Approach. IEEE Transactions on Automation Science and Engineering, 2024, , 1-12.	5.7	2
311	Eigenstructure assignment for stabilizable linear systems via state feedback. , 0, , .		1
312	Passive position location estimation using particle filtering. , 0, , .		1
313	Design of model reference tracking control systems: a complete parametric method. , 0, , .		1
314	Design of Dynamical Compensators for Matrix Second-order Linear Systems: A Parametric Approach. , 0, , .		1
315	H_{∞} fixed-lag smoothing for descriptor systems. , 0, , .		1
316	Linear Quadratic Regulation for Linear Time-varying Systems with Multiple Input Delays Part II: Continuous-time Case. , 0, , .		1
317	Robust Stability of a Class of Uncertain Discrete-time Switched Systems with Time-delay. , 0, , .		1
318	Robust Control of Magnetic Bearing with Gyroscopic Effects using Output Feedback Controller. , 0, , .		1
319	Tracking Control with Multiple Input Delays for Continuous-Time Systems. , 2006, , .		1
320	Unified parametric approaches for high-order integral observer design for matrix second-order linear systems. Journal of Control Theory and Applications, 2006, 4, 133-139.	0.8	1
321	H-infinity measurement-feedback control for discrete-time systems with a single measurement delay. Journal of Control Theory and Applications, 2006, 4, 121-127.	0.8	1
322	Input-output Energy Decoupling Control for Linear Neutral Time-delay Systems. , 2006, , .		1
323	Robust Dissipative Control for T-S Fuzzy Systems with Time-varying Delays. , 2006, , .		1
324	Robust Global Stabilization for Nonlinear Systems with Unmodeled Dynamics by Output Feedback. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
325	An identity concerning controllability observability and coprimeness of linear systems and its applications. Journal of Control Theory and Applications, 2007, 5, 177-183.	0.8	1
326	Robust fault detection in linear systems based on full-order state observers. Journal of Control Theory and Applications, 2007, 5, 325-330.	0.8	1
327	Global stabilization of linear systems by bounded controls with guaranteed poles. Science in China Series F: Information Sciences, 2008, 51, 1256-1268.	0.9	1
328	Nonlinear control for global stabilization of multiple-integrator system by bounded controls. Journal of Control Theory and Applications, 2008, 6, 293-299.	0.8	1
329	On invariant ellipsoids for discrete-time systems by saturated optimal controls. Journal of Control Theory and Applications, 2008, 6, 415-420.	0.8	1
330	Parametric control systems design with applications in missile control. , 2009, , .		1
331	An Enhancing Permutation Algorithm for Laser Antimissile Strategy Optimization. , 2010, , .		1
332	A parametric periodic Lyapunov equation with application in semi-global stabilization of discrete-time periodic systems subject to actuator saturation. , 2010, , .		1
333	Robust passive filtering for time-delay T-S fuzzy systems. , 2010, , .		1
334	Auxiliary system based integrated missile guidance and control. , 2010, , .		1
335	Reentry trajectory optimization of hypersonic vehicle with minimum heat. , 2010, , .		1
336	Neural network-based adaptive dynamic surface control for an airbreathing hypersonic vehicle. , 2010, , .		1
337	Distributed continuous-time consensus seeking in multi-agent systems. , 2011, , .		1
338	Research on the measurement in RVD based on dual quaternion. , 2011, , .		1
339	Optimal feedback reentry guidance of hypersonic vehicle based on improved Gauss pseudospectral method. , 2012, , .		1
340	Parametric solutions to rectangular high-order Sylvester equations—Case of F arbitrary. , 2014, , .		1
341	Quasi-linear eigenstructure assignment — A case study. , 2014, , .		1
342	Design of P2D observers for second-order dynamic systems. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
343	LPV eigenstructure assignment approach for BTT missile attitude control. , 2016, , .		1
344	Integrated guidance and control with input saturation. , 2017, , .		1
345	Integrated guidance and control with impact angle constraint. , 2017, , .		1
346	Control law design for elastic aircraft based on intelligent variable structure. Journal of Intelligent and Fuzzy Systems, 2018, 35, 485-499.	1.6	1
347	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.	1.8	1
348	Extended State Observer-based Integrated Guidance and Control with Impact Angle Constraint and Input Saturation. , 2019, , .		1
349	Model reference control in quasi-linear systems with a parametric feed-forward compensator and state-feedback stabilization controller. Transactions of the Institute of Measurement and Control, 2022, 44, 1518-1527.	1.8	1
350	Parametric Design for Proportional Plus Double Integral Controller with Applications to Tracking Control in Space Optical Communication. International Journal of Control, Automation and Systems, 0, , .	2.7	1
351	Parametric Design for Observer-based P2I Controller with Applications to High-accuracy Tracking Control in Space Optical Communication. International Journal of Control, Automation and Systems, 2023, 21, 452-463.	2.7	1
352	Adaptive guaranteed cost tracking control for high-order nonlinear systems based on fully actuated system approaches. Transactions of the Institute of Measurement and Control, 2024, 46, 1283-1295.	1.8	1
353	Observer-Based Control for High-Order Fully Actuated Systems. IEEE Access, 2023, 11, 132239-132253.	4.4	1
354	Complete Parametric Solutions to the Fundamental Problem in High-order Fully Actuated System Approach. International Journal of Control, Automation and Systems, 2024, 22, 228-240.	2.7	1
355	Multiobjective control synthesis based on parametric eigenstructure assignment. , 0, , .		0
356	Kalman filtering for descriptor systems with current and delayed measurements. , 0, , .		0
357	H_{∞} filtering for continuous systems with delayed measurements. , 2004, , .		0
358	Multiobjective control synthesis for a class of uncertain fuzzy systems. , 2005, , .		0
359	H_{∞} Full Information Control of Discrete-time Systems with Multiple Input Delays. , 0, , .		0
360	Eigenstructure Assignment in Second-order Linear Systems: A Parametric Design Method. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
361	Parameterization of High Order PI Observers for Second-order Linear Systems. , 2006, , .		0
362	Robust Fault Identification for a Class of Multiple Time-Delay Systems. , 2006, , .		0
363	H _∞ Fault-Tolerant Controller Design for Time-Delay Systems Based on a State Observer. , 2006, , .		0
364	Enhanced Mixed L ₂ /L _∞ /H _∞ Filtering for Continuous-time Uncertain Systems. , 0, , .		0
365	Generalized H _∞ Control of Linear Neutral Time-delay Systems. , 2006, , .		0
366	Improved Robust Mixed H ₂ /H _∞ Filtering for Uncertain Continuous-Time Systems. , 2006, , .		0
367	Optimal Piecewise State Feedback Control for Nonlinear Dynamical Systems. , 2006, , .		0
368	Design of Robust L ₂ /L _∞ Filter for Linear Uncertain Time-delay Systems. , 2006, , .		0
369	Design of Robust Tracking Observer for Perturbed Control Systems. , 2006, , .		0
370	Robust Energy-to-Peak Estimation for Uncertain Continuous-Time Linear Systems. , 2006, , .		0
371	Activation Function of Transiently Chaotic Neural Networks. , 2006, , .		0
372	Iterative LMI Approach to RFDO for Uncertain Time-Delay Systems with Nonlinear Perturbations. , 2006, , .		0
373	Study on the Singularity State for Optimal Lunar Soft Landing Process. , 2006, , .		0
374	Eigenstructure Assignment for Linear Systems with Constraints on Input and Its Rate via State Feedback - A Parametric Approach. , 2006, , .		0
375	Output Regulation of Singular Linear Systems with Input Saturation via Nonlinear Feedback. , 2007, , .		0
376	Robust energy-to-peak estimation for continuous-time polytopic uncertain time-delay systems. , 2008, , .		0
377	PID eigenstructure assignment in second-order dynamic systems: A parametric method. , 2008, , .		0
378	A note on "The parametric solutions of eigenstructure assignment for controllable and uncontrollable singular systems" by A.P. Wang and S.F. Liu. Journal of Applied Mathematics and Computing, 2009, 31, 145-150.	2.4	0

#	ARTICLE	IF	CITATIONS
379	Guaranteed cost control with pole constraints for uncertain discrete-time switched systems. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , 2009, 4, 193-198.	0.4	0
380	Minimum fuel guidance law for the powered descending phase of a lunar module. , 2009, , .		0
381	Comments on "An efficient iterative method for solving the matrix equation $AXB + CYD = E$ ". <i>Numerical Linear Algebra With Applications</i> , 2010, 17, 735-739.	1.7	0
382	A stabilizing slow-switching law for switched discrete-time linear systems. , 2010, , .		0
383	Stabilization of a class of linear systems with input delay and the zero distribution of their characteristic equations. , 2010, , .		0
384	Robust dissipative filtering for time-delay T-S fuzzy systems. , 2011, , .		0
385	Obstacle avoidance trajectory optimization of hypersonic vehicle. , 2011, , .		0
386	An algorithm for estimating upper bound horizon in model predictive control. , 2011, , .		0
387	On delay-independent stability criteria for delay Ito stochastic differential systems. , 2011, , .		0
388	Parametric solutions to rectangular high-order sylvester equations—Case of F Jordan. , 2014, , .		0
389	To reduce initial control magnitude in backstepping: A continuous predictive approach. , 2015, , .		0
390	Direct parametric control-oriented model transformations for a hypersonic vehicle. , 2016, , .		0
391	Quasi-linear model reference tracking control of approaching non-cooperative target based on direct parametric control. , 2016, , .		0
392	Reconfigurable control design based on complete parametric approach for spacecraft rendezvous. , 2017, , .		0
393	The Combinations of Loss Functions and Schemes for Mammographic Classification. , 2018, , .		0
394	Decentralized Fixed-Time Attitude Synchronization Control for Spacecraft Formation Flying. , 2018, , .		0
395	Design of globally stabilising switching control law for a type of nonlinear systems. <i>International Journal of Systems Science</i> , 2020, 51, 3573-3584.	5.5	0
396	Synergistic effect of autonomy and relatedness satisfaction on cognitive deconstruction. <i>Journal of General Psychology</i> , 2022, 149, 196-231.	3.2	0

#	ARTICLE	IF	CITATIONS
397	Disturbance attenuation in observer design for linear systems â€“ a new parametric approach. International Journal of Systems Science, 2021, 52, 583-595.	5.5	0
398	Local properties of exponential contractive systems. Automatica, 2021, 132, 109844.	5.1	0
399	Anti-Unwinding Sliding Mode Control for Rigid Spacecraft Based on Modified Rodrigues Parameters. IEEE Transactions on Aerospace and Electronic Systems, 2022, , 1-13.	4.9	0
400	Circulation Design for Eigenvalue Replacement: Minimizing Gain Magnitude. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, 54, 76-87.	9.6	0
401	An Adjustable Feature-Weighted Bayesian Model for Hybrid Satellite Telemetry Variables Anomaly Detection Under Multioperating Conditions. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-14.	4.7	0
402	Time-Varying Event-Triggered and Self-Triggered Bounded Control of Linear Systems With a Designable Minimal Interevent Time. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, , 1-11.	9.6	0
403	Exponential Position and Attitude Tracking Control of Spacecraft With Unbiased Parameter Identification. IEEE Transactions on Aerospace and Electronic Systems, 2024, 60, 1113-1128.	4.9	0
404	Discrete-Time High-Order Fully Actuated Adaptive Stabilization Control for a Type of Combined Spacecraft With Unknown Parameters. IEEE Transactions on Aerospace and Electronic Systems, 2024, 60, 3379-3389.	4.9	0
405	Stabilization Controller of an Extended Chained Nonholonomic System With Disturbance: An FAS Approach. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 1262-1273.	13.9	0
406	High-Order Fully Actuated Control Approach for Servo Systems Based on Dynamical Compensator and Extended State Observer. IEEE/ASME Transactions on Mechatronics, 2024, , 1-10.	6.1	0
407	A Preset-Trajectory-Based Singularity-Free Preassigned Performance Control Approach. IEEE Transactions on Automatic Control, 2024, , 1-8.	6.0	0
408	Global Consensus of Double-Integrator Multi-Agent Systems with Input Saturation by Fully Distributed Event-Triggered and Self-Triggered Controls. IEEE Transactions on Automatic Control, 2024, , 1-8.	6.0	0
409	Robust Adaptive Control of High-Order Fully-Actuated Systems: Command Filtered Backstepping With Concurrent Learning. IEEE Transactions on Circuits and Systems I: Regular Papers, 2024, , 1-12.	5.8	0
410	Adaptive Tracking Control for Underactuated Double Pendulum Overhead Cranes With Variable Cable Length. IEEE Transactions on Cybernetics, 2024, , 1-14.	10.0	0
411	Event-Triggered Adaptive Control of Uncertain Strict-Feedback Nonlinear Systems Using Fully Actuated System Approach. IEEE Transactions on Cybernetics, 2024, , 1-13.	10.0	0
412	Preset-Trajectory-Based Tracking Control of a Class of Mismatched Uncertain Systems. IEEE Transactions on Automatic Control, 2024, , 1-8.	6.0	0
413	Circulation Design for Eigenvalue Replacement: Minimizing Eigenvalue Sensitivities. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, , 1-12.	9.6	0
414	A High-Order Fully Actuated System Approach to Control of Overhead Cranes. IEEE/ASME Transactions on Mechatronics, 2024, , 1-12.	6.1	0

#	ARTICLE	IF	CITATIONS
415	Fixed-Time Spacecraft Attitude Control With Unwinding-Free Performance. IEEE Transactions on Automatic Control, 2024, , 1-8.	6.0	0