Gang Tao

List of Publications by Year in descending order

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292	7,192	101543	98798
papers	citations	36 h-index	67 g-index

296	296	296	3180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feedback Control Real-Time Scheduling: Framework, Modeling, and Algorithms*. Real-Time Systems, 2002, 23, 85-126.	1.3	413
2	Adaptive control of plants with unknown dead-zones. IEEE Transactions on Automatic Control, 1994, 39, 59-68.	5.7	403
3	Adaptive actuator failure compensation for nonlinear MIMO systems with an aircraft control application. Automatica, 2007, 43, 1869-1883.	5.0	365
4	Adaptive Fault-Tolerant Control of Uncertain Nonlinear Large-Scale Systems With Unknown Dead Zone. IEEE Transactions on Cybernetics, 2016, 46, 1851-1862.	9.5	292
5	Adaptive actuator failure compensation for parametric strict feedback systems and an aircraft application. Automatica, 2003, 39, 1975-1982.	5.0	268
6	Multivariable adaptive control: A survey. Automatica, 2014, 50, 2737-2764.	5.0	224
7	Adaptive Control of Systems with Actuator Failures. , 2004, , .		208
8	A novel nonlinear resilient control for a quadrotor UAV via backstepping control and nonlinear disturbance observer. Nonlinear Dynamics, 2016, 85, 1281-1295.	5.2	171
9	The case for feedback control real-time scheduling. , 0, , .		138
10	An adaptive control scheme for systems with unknown actuator failures. Automatica, 2002, 38, 1027-1034.	5.0	134
11	Adaptive Control of Piecewise Linear Systems: the State Tracking Case. IEEE Transactions on Automatic Control, 2012, 57, 522-528.	5.7	126
12	Discrete-time adaptive control of systems with unknown deadzones. International Journal of Control, 1995, 61, 1-17.	1.9	115
13	Optimal and nonlinear decoupling control of systems with sandwiched backlash. Automatica, 2001, 37, 165-176.	5.0	90
14	Adaptive output feedback actuator failure compensation for a class of non-linear systems. International Journal of Adaptive Control and Signal Processing, 2005, 19, 419-444.	4.1	81
15	Direct adaptive actuator failure compensation control: a tutorial. Journal of Control and Decision, 2014, 1, 75-101.	1.6	81
16	Multivariable Adaptive Control Using High-Frequency Gain Matrix Factorization. IEEE Transactions on Automatic Control, 2004, 49, 1152-1157.	5.7	72
17	Fault Tolerant Control for a Class of Nonlinear Systems with Application to Near Space Vehicle. Circuits, Systems, and Signal Processing, 2011, 30, 655-672.	2.0	72
18	Modeling and Model Reference Adaptive Control of Aircraft with Asymmetric Damage. Journal of Guidance, Control, and Dynamics, 2010, 33, 1500-1517.	2.8	71

#	Article	IF	Citations
19	Actuator failure compensation and attitude control for rigid satellite by adaptive control using quaternion feedback. Journal of the Franklin Institute, 2014, 351, 296-314.	3.4	63
20	Uncertainty decomposition-based fault-tolerant adaptive control of flexible spacecraft. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1053-1068.	4.7	63
21	Modeling, Estimation, and Control of Human Circulatory System With a Left Ventricular Assist Device. IEEE Transactions on Control Systems Technology, 2007, 15, 754-767.	5.2	61
22	An adaptive dead-zone inverse controller for systems with sandwiched dead-zones. International Journal of Control, 2003, 76, 755-769.	1.9	57
23	Performance specifications and metrics for adaptive real-time systems. , 0, , .		56
24	Robust Stability of Switched Nonlinear Systems With Switching Uncertainties. IEEE Transactions on Automatic Control, 2016, 61, 2531-2537.	5.7	55
25	Adaptive Synthetic Jet Actuator Compensation for A Nonlinear Aircraft Model at Low Angles of Attack. IEEE Transactions on Control Systems Technology, 2008, 16, 983-995.	5.2	54
26	A multivariable MRAC scheme with application to a nonlinear aircraft model. Automatica, 2011, 47, 804-812.	5.0	53
27	Feedback based adaptive compensation of control system sensor uncertainties. Automatica, 2009, 45, 393-404.	5.0	50
28	Adaptive Compensation of Traction System Actuator Failures for High-Speed Trains. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2950-2963.	8.0	49
29	On matching conditions for adaptive state tracking control of systems with actuator failures. IEEE Transactions on Automatic Control, 2002, 47, 473-478.	5.7	47
30	Multivariable adaptive control based consensus flight control system for UAVs formation. Aerospace Science and Technology, 2019, 93, 105336.	4.8	47
31	Design and analysis of a hybrid control scheme for sandwich nonsmooth nonlinear systems. IEEE Transactions on Automatic Control, 2002, 47, 145-150.	5.7	46
32	An adaptive control framework for QoS guarantees and its application to differentiated caching. , 0, , .		44
33	Experimental study of sliding mode control for a benchmark magnetic bearing system and artificial heart pump suspension. IEEE Transactions on Control Systems Technology, 2003, 11, 128-138.	5.2	42
34	Relative Degrees and Adaptive Feedback Linearization Control of Tâ€“S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 2215-2230.	9.8	42
35	Adaptive dead-zone compensation for output-feedback canonical systems. International Journal of Control, 1997, 67, 791-812.	1.9	41
36	Adaptive Control Schemes for Discrete-Time Tâ€“S Fuzzy Systems With Unknown Parameters and Actuator Failures. IEEE Transactions on Fuzzy Systems, 2012, 20, 471-486.	9.8	39

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37	Nonlinear fuzzy fault-tolerant control of hypersonic flight vehicle with parametric uncertainty and actuator fault. Nonlinear Dynamics, 2018, 92, 1299-1315.	5.2	39
38	A multivariable adaptive control scheme for automatic carrier landing of UAV. Aerospace Science and Technology, 2019, 92, 714-721.	4.8	39
39	Virtual Grouping based adaptive actuator failure compensation for MIMO nonlinear systems. IEEE Transactions on Automatic Control, 2005, 50, 1775-1780.	5.7	38
40	Adaptive backstepping control for a hypersonic vehicle with uncertain parameters and actuator faults. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2013, 227, 51-61.	1.0	37
41	Adaptive Neural Network Based Control of Noncanonical Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1864-1877.	11.3	37
42	Dominant richness and improvement of performance of robust adaptive control. Automatica, 1989, 25, 287-291.	5.0	36
43	Model reference adaptive control with L 1+Î± tracking. International Journal of Control, 1996, 64, 859-870.	1.9	36
44	An adaptive inverse control scheme for a synthetic jet actuator model. , 0, , .		36
45	An adaptive control scheme for systems with unknown actuator failures. , 2001, , .		32
46	An adaptive nonlinear output feedback controller using dynamic bounding with an aircraft control application. International Journal of Adaptive Control and Signal Processing, 2009, 23, 609-639.	4.1	32
47	Multivariable Adaptive Control of NASA Generic Transport Aircraft Model with Damage. Journal of Guidance, Control, and Dynamics, 2011, 34, 1495-1506.	2.8	32
48	Optimizing Signal Timing Control for Large Urban Traffic Networks Using an Adaptive Linear Quadratic Regulator Control Strategy. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 333-343.	8.0	31
49	Adaptive control of discrete-time state-space Tâ€“S fuzzy systems with general relative degree. Fuzzy Sets and Systems, 2013, 217, 22-40.	2.7	30
50	Adaptive Actuator Failure Compensation for Possibly Nonminimum-Phase Systems Using Control Separation Based LQ Design. IEEE Transactions on Automatic Control, 2019, 64, 143-158.	5.7	30
51	Adaptive failure compensation of two-state aircraft morphing actuators. IEEE Transactions on Control Systems Technology, 2006, 14, 157-164.	5.2	29
52	An adaptive actuator failure compensation scheme for a class of nonlinear MIMO systems. Journal of the Franklin Institute, 2013, 350, 2423-2441.	3.4	27
53	Trajectory tracking of a quadrotor with unknown parameters and its fault-tolerant control via sliding mode fault observer. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2015, 229, 279-292.	1.0	27
54	A discrete-time parameter estimation based adaptive actuator failure compensation control scheme. International Journal of Control, 2013, 86, 276-289.	1.9	26

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55	Aircraft Turbulence Compensation Using Adaptive Multivariable Disturbance Rejection Techniques. Journal of Guidance, Control, and Dynamics, 2015, 38, 954-963.	2.8	25
56	An Adaptive Inverse Control Scheme for Synthetic Jet Actuator Arrays. , 2005, , .		24
57	Adaptive Compensation of Aircraft Actuation Failures Using an Engine Differential Model. IEEE Transactions on Control Systems Technology, 2008, 16, 971-982.	5.2	23
58	Multivariable MRAC using high frequency gain matrix factorization. , 0, , .		22
59	A multivariable adaptive controller for a quadrotor with guaranteed matching conditions. Systems Science and Control Engineering, 2014, 2, 24-33.	3.1	22
60	A direct adaptive actuator failure compensation scheme for satellite attitude control systems. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2014, 228, 542-556.	1.3	22
61	An adaptive disturbance rejection control scheme for multivariable nonlinear systems. International Journal of Control, 2016, 89, 594-610.	1.9	21
62	Robust adaptive control of plants with unknown order and high frequency gain. International Journal of Control, 1991, 53, 559-578.	1.9	20
63	Model reference adaptive control of multivariable plants with delays. International Journal of Control, 1992, 55, 393-414.	1.9	20
64	Adaptive synthetic jet actuator compensation for a nonlinear tailless aircraft model at low angles of attack. , 2006, , .		20
65	Higher Order Tracking Properties of Model Reference Adaptive Control Systems. IEEE Transactions on Automatic Control, 2018, 63, 3912-3918.	5.7	20
66	Adaptive Control Design and Evaluation for Multibody High-Speed Train Dynamic Models. IEEE Transactions on Control Systems Technology, 2021, 29, 1061-1074.	5.2	20
67	Discrete-time adaptive control of systems with multisegment piecewise-linear nonlinearities. IEEE Transactions on Automatic Control, 1998, 43, 719-723.	5.7	19
68	Adaptive actuator failure compensation control for MIMO systems*. International Journal of Control, 2004, 77, 1307-1317.	1.9	19
69	Adaptive actuator failure compensation for multivariable feedback linearizable systems. International Journal of Robust and Nonlinear Control, 2016, 26, 252-285.	3.7	19
70	A Partial-State Feedback Model Reference Adaptive Control Scheme. IEEE Transactions on Automatic Control, 2020, 65, 44-57.	5.7	19
71	Adaptive Control of Noncanonical Neural-Network Nonlinear Systems With Unknown Input Dead-Zone Characteristics. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3346-3360.	11.3	19
72	Adaptive control of systems with unknown non-smooth non-linearities. International Journal of Adaptive Control and Signal Processing, 1997, 11, 81-100.	4.1	18

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73	Direct adaptive control using an adaptive reference model. International Journal of Control, 2011, 84, 180-196.	1.9	18
74	Fault Self-repairing Flight Control of a Small Helicopter via Fuzzy Feedforward and Quantum Control Techniques. Cognitive Computation, 2012, 4, 543-548.	5.2	18
75	Fault diagnosis for a class of active suspension systems with dynamic actuatorsâ€™ faults. International Journal of Control, Automation and Systems, 2016, 14, 1160-1172.	2.7	18
76	Optimal control of tracking systems with backlash and flexibility. , 0, , .		17
77	Multivariable output feedback MRAC for a quadrotor UAV. , 2016, , .		17
78	Adaptive leaderâ€following state consensus of multiagent systems with switching topology. International Journal of Adaptive Control and Signal Processing, 2018, 32, 1508-1528.	4.1	16
79	A matrix decomposition based adaptive control scheme for a class of MIMO non-canonical approximation systems. Automatica, 2019, 103, 490-502.	5.0	16
80	Adaptive control of systems with nonsmooth input and output nonlinearities. IEEE Transactions on Automatic Control, 1996, 41, 1348-1352.	5.7	15
81	Adaptive actuator nonlinearity compensation and disturbance rejection with an aircraft application. , 2011, , .		15
82	Adaptive control of MIMO time-varying systems with indicator function based parametrization. Automatica, 2014, 50, 1369-1380.	5.0	15
83	Robust Adaptive Fault-Tolerant Control for Hypersonic Flight Vehicles with Multiple Faults. Journal of Aerospace Engineering, 2015, 28, 04014111.	1.4	15
84	MIMO Evolution Model-Based Coupled Fault Estimation and Adaptive Control With High-Speed Train Applications. IEEE Transactions on Control Systems Technology, 2018, 26, 1552-1566.	5.2	15
85	Neural-hybrid control of systems with sandwiched dead-zones. International Journal of Adaptive Control and Signal Processing, 2002, 16, 473-496.	4.1	14
86	A parameter estimation based adaptive actuator failure compensation control scheme. Journal of Systems Engineering and Electronics, 2011, 22, 1-11.	2.2	14
87	Multivariable adaptive output rejection of unmatched input disturbances. International Journal of Adaptive Control and Signal Processing, 2016, 30, 1203-1227.	4.1	14
88	Parameterization and Adaptive Control of Multivariable Noncanonical T–S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 156-171.	9.8	14
89	A direct MRAC based multivariable multiple-model switching control scheme. Automatica, 2017, 84, 190-198.	5.0	14
90	Multivariable MRAC using Nussbaum gains for aircraft with abrupt damages. , 2008, , .		13

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91	Fault-tolerant control of flexible air-breathing hypersonic vehicles in linear ODE-beam systems. International Journal of Control, 2020, 93, 820-831.	1.9	13
92	Co-Optimization Scheme for the Powertrain and Exhaust Emission Control System of Hybrid Electric Vehicles Using Future Speed Prediction. IEEE Transactions on Intelligent Vehicles, 2021, 6, 533-545.	12.7	13
93	Adaptive control of a weakly nonminimum phase linear system. IEEE Transactions on Automatic Control, 2000, 45, 824-829.	5.7	12
94	AN ADAPTIVE CONTROL SCHEME FOR OUTPUT FEEDBACK NONLINEAR SYSTEMS WITH ACTUATOR FAILURES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 415-420.	0.4	12
95	An adaptive inverse compensation scheme for signal-dependent actuator nonlinearities. , 2007, , .		12
96	Multivariable MRAC with state feedback for output tracking. , 2009, , .		12
97	Adaptive Control of Piecewise Linear Systems with State Feedback for Output Tracking. Asian Journal of Control, 2013, 15, 933-943.	3.0	12
98	Fuzzy System Identification and Adaptive Control. Communications and Control Engineering, 2019, , .	1.6	12
99	Robust adaptive control of nonlinearly parametrized multivariable systems with unmatched disturbances. International Journal of Robust and Nonlinear Control, 2020, 30, 3582-3606.	3.7	12
100	Adaptive Compensation for Actuation Sign Faults of Flexible Spacecraft. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1288-1300.	4.7	12
101	Direct Adaptive Control of Systems with Actuator Failures: State of the Art and Continuing Challenges. , 2008, , .		11
102	An adaptive control scheme using multiple reference models. International Journal of Adaptive Control and Signal Processing, 2014, 28, 1290-1298.	4.1	11
103	Direct self-repairing control for a helicopter via quantum multi-model and disturbance observer. International Journal of Systems Science, 2016, 47, 533-543.	5.5	11
104	A Sliding Mode Fault Compensation Scheme for a Coupled Rigid-Flexible System in PDE-ODE Form. Journal of the Franklin Institute, 2020, 357, 9174-9194.	3.4	11
105	Robust adaptive controlâ€"a modified scheme. International Journal of Control, 1991, 54, 241-256.	1.9	10
106	Multivariable MRAC for aircraft with abrupt damages. , 2008, , .		10
107	Adaptive actuator failure compensation for redundant manipulators. Robotica, 2009, 27, 19-28.	1.9	10
108	Gain Margins of Adaptive Control Systems. IEEE Transactions on Automatic Control, 2010, 55, 104-115.	5.7	10

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109	Adaptive state feedback actuator nonlinearity compensation for multivariable systems. International Journal of Adaptive Control and Signal Processing, 2013, 27, 82-107.	4.1	10
110	Partial-state feedback multivariable MRAC and reduced-order designs. Automatica, 2021, 129, 109622.	5.0	10
111	Adaptive dead-zone inverse for nonlinear plants. , 0, , .		9
112	An adaptive dead-zone inverse controller for systems with sandwiched dead-zones. , 2001, , .		9
113	Actuator Fault Estimation and Reconfiguration Control for the Quad-Rotor Helicopter. International Journal of Advanced Robotic Systems, 2016, 13, 33.	2.1	9
114	Adaptive Sensor Fault Detection for Rail Vehicle Suspension Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 7552-7565.	6.3	9
115	Adaptive stateâ€feedback control with sensor failure compensation for asymptotic output tracking. International Journal of Adaptive Control and Signal Processing, 2019, 33, 130-156.	4.1	9
116	Adaptive output rejection of unmatched input disturbances. Systems and Control Letters, 2002, 47, 25-35.	2.3	8
117	An Adaptive Disturbance Rejection Algorithm for MIMO Systems with An Aircraft Flight Control Application. , 2007, , .		8
118	Modeling and multivariable adaptive control of aircraft with synthetic jet actuators. , 2008, , .		8
119	High-order design of adaptive inverses for signal-dependent actuator nonlinearities. , 2008, , .		8
120	Neural Network-Based Compensation of Synthetic Jet Actuator Nonlinearities for Aircraft Flight Control. , 2009, , .		8
121	An adaptive actuator failure compensation scheme for a cooperative manipulator system. , 2014, , .		8
122	LQ control based actuator failure compensation. Optimal Control Applications and Methods, 2016, 37, 227-247.	2.1	8
123	A multiple-model MRAC scheme for multivariable systems with matching uncertainties. Information Sciences, 2016, 360, 217-230.	6.9	8
124	Adaptive actuator failure compensation for cooperative robotic manipulators with parameter uncertainties. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1916-1940.	4.1	8
125	Modeling and control of a magnetic bearing actuated beam. , 2000, , .		7
126	Adaptive state feedback control of systems with actuator failures. , 2000, , .		7

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127	An adaptive actuator failure compensation controller for MIMO systems. , 0, , .		7
128	A stereo-fluoroscopic image-guided robotic biopsy scheme. IEEE Transactions on Control Systems Technology, 2002, 10, 309-317.	5.2	7
129	Adaptive control of piecewise linear systems: The state tracking case. , 2010, , .		7
130	Adaptive control of piecewise linear systems with applications to NASA GTM. , 2011, , .		7
131	Adaptive control of piecewise linear systems with output feedback for output tracking. , 2012, , .		7
132	A discreteâ€time indirect adaptive multipleâ€model actuator failure compensation scheme. International Journal of Adaptive Control and Signal Processing, 2015, 29, 685-704.	4.1	7
133	An adaptive actuator failure compensation scheme for a cooperative manipulator system. Robotica, 2016, 34, 1529-1552.	1.9	7
134	Adaptive Compensation of Persistent Actuator Failures Using Control-Separation-Based LQ Design. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5030-5045.	9.3	7
135	Adaptive backstepping control design for linear multivariable plants. , 0, , .		6
136	Adaptive failure compensation for aircraft tracking control using engine differential based model. , 2006, , .		6
137	Adaptive Methods for Flight Control Diagnostics. , 2008, , .		6
138	An adaptive actuator failure compensation scheme for a cooperative manipulator system with parameter uncertainties. , 2015, , .		6
139	Multivariable MRAC for a quadrotor UAV with a non-diagonal interactor matrix. , 2017, , .		6
140	LDU parameterized discrete-time multivariable MRAC and application to a web cache system. , 0, , .		5
141	Compensation of nonlinear MIMO systems for uncertain actuator failures with an application to aircraft control. , 0, , .		5
142	Modeling, estimation and control of cardiovascular systems with a left ventricular assist device. , 0, , .		5
143	Study of pressure estimation for a human circulatory system with a LVAD. , 2006, , .		5
144	Adaptive control of piecewise linear systems: The output tracking case. , 2011, , .		5

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145	Adaptive prediction and control of discreteâ€time Takagiâ€“Sugeno fuzzy systems. International Journal of Adaptive Control and Signal Processing, 2012, 26, 560-575.	4.1	5
146	A Lyapunov method based multiple-model adaptive actuator failure compensation scheme for control of near-space vehicles. , 2013, , .		5
147	Direct Adaptive Control Scheme for a Quadrotor Helicopter with Actuator Failures via Quantum Logic. Journal of Aerospace Engineering, 2016, 29, 04016026.	1.4	5
148	Traffic Signal Control With Adaptive Online-Learning Scheme Using Multiple-Model Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7838-7850.	11.3	5
149	Friction compensation in the presence of flexibility. , 1998, , .		4
150	Backlash compensation for multivariable nonlinear systems with actuator dynamics. , 0, , .		4
151	Output tracking actuator failure compensation control. , 2001, , .		4
152	Adaptive actuator failure compensation for a transport aircraft model. , 2001, , .		4
153	Direct adaptive control of a web cache system. , 0, , .		4
154	Actuator failure compensation schemes for vibration control of a rocket fairing model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 173-178.	0.4	4
155	Adaptive output feedback design for actuator failure compensation using dynamic bounding: output tracking and an application. , 0, , .		4
156	Adaptive output feedback compensation of variant actuator failures. , 0, , .		4
157	Feedback Based Adaptive Sensor Uncertainty Compensation for Control of LTI Systems. Proceedings of the American Control Conference, 2007, , .	0.0	4
158	Gain margins of model reference adaptive control systems. , 2008, , .		4
159	A Direct Adaptive Control Approach in the Presence of Model Mismatch. , 2009, , .		4
160	A Multiple-Model Based Adaptive Actuator Failure Compensation Scheme for Control of Near-Space Vehicles*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 594-599.	0.4	4
161	Adaptive Controller Design for Faulty UAVs via Quantum Information Technology. International Journal of Advanced Robotic Systems, 2012, 9, 256.	2.1	4
162	Multiple modelâ€“based fault detection and diagnosis for helicopter with actuator faults via quantum information technique. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2014, 228, 182-190.	1.0	4

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163	A Reconfiguration Control Scheme for a Quadrotor Helicopter via Combined Multiple Models. International Journal of Advanced Robotic Systems, 2014, 11, 122.	2.1	4
164	Adaptive LQ control based actuator failure compensation. , 2016, , .		4
165	Fault-tolerant control of flexible air-breathing hypersonic vehicles via static output feedback. IFAC-PapersOnLine, 2018, 51, 614-619.	0.9	4
166	Adaptive Regulation of Discrete-Time Nonaffine Systems With Parametric Uncertainty. IEEE Transactions on Automatic Control, 2021, 66, 2365-2371.	5.7	4
167	Adaptive actuator failure compensation control of parametric strict-feedback systems with zero dynamics. , 0, , .		4
168	Discrete-time adaptive control of systems with unknown output hystereses. , 0, , .		3
169	Discrete-time adaptive control of systems with multi-segment piecewise-linear nonlinearities. , 0, , .		3
170	Parameter estimation for coupled multivariable error models. , 1997, , .		3
171	Hybrid control of sandwich systems with nonsmooth nonlinearities. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 1113-1118.	0.4	3
172	An adaptive actuator failure compensation controller using output feedback. , 2001, , .		3
173	Adaptive output feedback actuator failure compensation for a class of state-dependent nonlinear systems. , 0, , .		3
174	A study of adaptation of multiple actuating signals for LTI systems. , 2006, , .		3
175	A multivariable MRAC scheme with sensor uncertainty compensation. , 2009, , .		3
176	An adaptive detection scheme for aircraft aerodynamic system damage. , 2010, , .		3
177	An adaptive actuator failure compensation scheme for spacecraft with unknown inertia parameters. , 2012, , .		3
178	Discrete-time adaptive control of a nonlinear aircraft flight dynamic system (NASA GTM) with damage. , 2012, , .		3
179	Aircraft flight system models under turbulence conditions. , 2014, , .		3
180	Integral Sliding Mode Control for Helicopter via Disturbance Observer and Quantum Information Technique. Mathematical Problems in Engineering, 2015, 2015, 1-7.	1.1	3

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181	A model reference adaptive control scheme with partial-state feedback for output tracking. , 2017, , .		3
182	An adaptive control scheme for leader-following consensus of multi-agent systems with parametric uncertainties. , 2017, , .		3
183	A multiple-model adaptive control scheme for multivariable systems with uncertain actuation signs. , 2017, , .		3
184	A Unified Discrete-Time Model Reference Adaptive Control Scheme. , 2018, , .		3
185	An Adaptive Control Scheme for Three-phase Grid-Connected Inverters in Photovoltaic Power Generation Systems. , 2018, , .		3
186	New Higher-Order Convergence Properties for Multivariable Model Reference Adaptive Control Systems. , 2019, , .		3
187	Higher-order tracking properties of nonlinear adaptive control systems. Systems and Control Letters, 2020, 145, 104781.	2.3	3
188	Practical output tracking control for nonlinearly parameterized longitudinal dynamics of air vehicles. Journal of the Franklin Institute, 2020, 357, 12380-12413.	3.4	3
189	Adaptive Actuator Failure Compensation Control Schemes for Uncertain Noncanonical Neural-Network Systems. IEEE Transactions on Cybernetics, 2022, 52, 2635-2648.	9.5	3
190	Adaptive compensation of persistent actuator failures of nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2021, 35, 373-400.	4.1	3
191	System Characterization and Adaptive Tracking Control of Quadrotors under Multiple Operating Conditions. Research on World Agricultural Economy, 2021, 01, 2150006.	1.3	3
192	Adaptive Control of Robot Manipulators in Varying Environments. , 2022, , .		3
193	Parameter estimation for coupled multivariable error models. International Journal of Adaptive Control and Signal Processing, 1999, 13, 145-159.	4.1	2
194	Parametrizations for adaptive control of multivariable systems with actuator nonlinearities. , 2000, , .		2
195	Design and analysis of hybrid control schemes for sandwich nonlinear systems. , 2000, , .		2
196	Neural-hybrid control of systems with sandwiched dead-zones. , 2001, , .		2
197	A unification of multivariable mrac]based on high frequency gain matrix decompositions. , 0, , .		2
198	An adaptive speed/flow controller for a continuous flow left ventricular assist device. , 0, , .		2

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199	Adaptive output feedback design for actuator failure compensation using dynamic bounding: output regulation. , 0, , .		2
200	Robust Adaptive Control Scheme for Discrete-Time System With Actuator Failures. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2005, 127, 520-526.	1.6	2
201	Adaptive feedback control based artificial pancreas. , 2008, , .		2
202	Output feedback MIMO MRAC schemes with sensor uncertainty compensation. , 2010, , .		2
203	A multivariable MRAC design using state feedback for linearized aircraft models with damage. , 2010, , .		2
204	A discrete-time multivariable state feedback MRAC design with application to linearized aircraft models with damage. , 2011, , .		2
205	A multivariable MRAC design for aircraft systems under failure and damage conditions. , 2011, , .		2
206	Adaptive Actuator Nonlinearity Compensation for Multivariable Systems. , 2011, , .		2
207	Improved adaptive genetic algorithm for grid resource scheduling via quantum control techniques. , 2013, , .		2
208	Relative degrees and output tracking control of T-S fuzzy systems. , 2014, , .		2
209	Adaptive actuator failure compensation and disturbance rejection scheme for spacecraft. Journal of Systems Engineering and Electronics, 2014, 25, 648-659.	2.2	2
210	Adaptive actuator failure compensation for microsatelltes using uncertainty decomposition. , 2014, , .		2
211	Multivariable adaptive LQ control of jet engines. , 2015, , .		2
212	An adaptive actuator failure compensation scheme for a parallel manipulator with parameter uncertainties. , 2016, , .		2
213	Adaptive control of uncertain nonlinear aircraft systems using combined linearized models. , 2016, , .		2
214	A dynamic prediction error based adaptive multiple-model control scheme for robotic manipulators. , 2017, , .		2
215	An adaptive state feedback control scheme with sensor failure compensation. , 2017, , .		2
216	Adaptive Control of Noncanonical Nonlinear Systems with Unknown Input Dead-Zone Characteristics. , 2018, , .		2

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217	A Multiple-Model MRAC Scheme for Discrete-Time Multivariable Systems with Uncertain Actuation Delays. , 2018, , .		2
218	An Adaptive Actuator Failure Compensation Scheme for A Hexarotor System with Parameter Uncertainties. , 2018, , .		2
219	Adaptive rejection of unmatched input disturbances for output tracking using a control separation LQ method. Optimal Control Applications and Methods, 2018, 39, 1766-1785.	2.1	2
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