Ye-Hwa Chen

List of Publications by Year
in descending order

173	3,631	172207	197535
173	**3,631**	**29**	**49**
papers	citations	h-index	g-index
175	175	175	1020
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robustness of uncertain systems in the absence of matching assumptions. International Journal of Control, 1987, 45, 1527-1542.	1.2	277
2	On the deterministic performance of uncertain dynamical systems. International Journal of Control, 1986, 43, 1557-1579.	1.2	207
3	Adaptive robust approximate constraint-following control for mechanical systems. Journal of the Franklin Institute, 2010, 347, 69-86.	1.9	128
4	Constraint-following Servo Control Design for Mechanical Systems. JVC/Journal of Vibration and Control, 2009, 15, 369-389.	1.5	127
5	Robust control design for interconnected systems with time-varying uncertainties. International Journal of Control, 1991, 54, 1119-1142.	1.2	105
6	Robust Control of Fault-Tolerant Permanent-Magnet Synchronous Motor for Aerospace Application With Guaranteed Fault Switch Process. IEEE Transactions on Industrial Electronics, 2015, 62, 7309-7321.	5.2	97
7	A New Approach to the Control Design of Fuzzy Dynamical Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2011, 133, .	0.9	77
8	Inverse Dynamics of Servo-Constraints Based on the Generalized Inverse. Nonlinear Dynamics, 2005, 39, 179-196.	2.7	68
9	On the Robustness of Mismatched Uncertain Dynamical Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1987, 109, 29-35.	0.9	66
10	Decentralized robust control system design for large-scale uncertain systems. International Journal of Control, 1988, 47, 1195-1205.	1.2	64
11	Second-order constraints for equations of motion of constrained systems. IEEE/ASME Transactions on Mechatronics, 1998, 3, 240-248.	3.7	62
12	A Fuzzy Approach for Optimal Robust Control Design of an Automotive Electronic Throttle System. IEEE Transactions on Fuzzy Systems, 2018, 26, 694-704.	6.5	61
13	Adaptive robust control methodology for active roll control system with uncertainty. Nonlinear Dynamics, 2018, 92, 359-371.	2.7	49
14	Optimal Robust Control Design for Constrained Uncertain Systems: A Fuzzy-Set Theoretic Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 3494-3505.	6.5	48
15	Optimal Design of Constraint-Following Control for Fuzzy Mechanical Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 1108-1120.	6.5	47
16	Application of the Udwadia–Kalaba approach to tracking control of mobile robots. Nonlinear Dynamics, 2016, 83, 389-400.	2.7	47
17	Performance analysis of controlled uncertain systems. Journal of Dynamical and Control Systems, 1996, 6, 131-142.	0.4	45
18	Decentralized control design: uncertain systems with strong interconnections. International Journal of Control, 1995, 61, 1363-1385.	1.2	43

#	Article	IF	Citations
19	Robust Control for Fuzzy Dynamical Systems: Uniform Ultimate Boundedness and Optimality. IEEE Transactions on Fuzzy Systems, 2012, 20, 1022-1031.	6.5	41
20	Adaptive robust control for dual avoidance–arrival performance for uncertain mechanical systems. Nonlinear Dynamics, 2018, 94, 759-774.	2.7	41
21	Designing Robust Control for Mechanical Systems: Constraint Following and Multivariable Optimization. IEEE Transactions on Industrial Informatics, 2020, 16, 5267-5275.	7.2	40
22	An optimal fuzzy-theoretic setting of adaptive robust control design for a lower limb exoskeleton robot system. Mechanical Systems and Signal Processing, 2020, 141, 106706.	4.4	40
23	Udwadia-Kalaba Approach for Parallel Manipulator Dynamics. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2013, 135, .	0.9	39
24	Adaptive Robust Control for Fuzzy Mechanical Systems: Constraint-Following and Redundancy in Constraints. IEEE Transactions on Fuzzy Systems, 2015, 23, 1113-1126.	6.5	39
25	Vehicle motion control under equality and inequality constraints: a diffeomorphism approach. Nonlinear Dynamics, 2019, 95, 175-194.	2.7	39
26	Adaptive Robust Model-Following Control and Application to Robot Manipulators. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1987, 109, 209-215.	0.9	37
27	Tackling mismatched uncertainty in robust constraint-following control of underactuated systems. Information Sciences, 2020, 520, 337-352.	4.0	35
28	Dynamic modeling and simulation of multi-body systems using the Udwadia-Kalaba theory. Chinese Journal of Mechanical Engineering (English Edition), 2013, 26, 839-850.	1.9	34
29	Adaptive robust servo constraint tracking control for an underactuated quadrotor UAV with mismatched uncertainties. ISA Transactions, 2020, 106, 12-30.	3.1	32
30	Robust control strategy for take–off performance in a windshear. Optimal Control Applications and Methods, 1989, 10, 65-79.	1.3	31
31	Robust control system design: non-adaptive versus adaptive. International Journal of Control, 1990, 51, 1457-1477.	1.2	30
32	Toward Robust Vehicle Platooning With Bounded Spacing Error. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2017, 36, 562-572.	1.9	30
33	Nash-Game-Oriented Optimal Design in Controlling Fuzzy Dynamical Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 1659-1673.	6.5	30
34	Adaptive robust observers for non-linear uncertain systems. International Journal of Systems Science, 1990, 21, 803-814.	3.7	29
35	Sensorless Fault-Tolerant Control With Phase Delay Compensation for Aerospace FTPMSM Drives With Phase Open-Circuit and Short-Circuit Faults. IEEE Transactions on Industrial Electronics, 2021, 68, 4576-4585.	5.2	29
36	Controller Design Robust to Frequency Variation in a One-Link Flexible Robot Arm. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1989, 111, 9-14.	0.9	28

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37	Self-adjusting leakage type adaptive robust control design for uncertain systems with unknown bound. Mechanical Systems and Signal Processing, 2019, 116, 173-193.	4.4	28
38	Optimal Design of Robust Control for Fuzzy Mechanical Systems: Performance-Based Leakage and Confidence-Index Measure. IEEE Transactions on Fuzzy Systems, 2019, 27, 1441-1455.	6.5	28
39	Decentralized robust control design with insufficient number of controllers. International Journal of Control, 1996, 65, 1015-1030.	1.2	27
40	A Robust Observer and Nonorthogonal PLL-Based Sensorless Control for Fault-Tolerant Permanent Magnet Motor With Guaranteed Postfault Performance. IEEE Transactions on Industrial Electronics, 2020, 67, 5959-5970.	5.2	27
41	Modified adaptive robust control system design. International Journal of Control, 1989, 49, 1869-1882.	1.2	25
42	Regulating Constraint Obedience for Fuzzy Mechanical Systems Based on η-Measure and a General Lyapunov Function. IEEE Transactions on Fuzzy Systems, 2017, 25, 1729-1740.	6.5	25
43	Robust Approximate Constraint‐Following Control for Autonomous Vehicle Platoon Systems. Asian Journal of Control, 2018, 20, 1611-1623.	1.9	25
44	Adaptive robust constrained state control for non‐linear maglev vehicle with guaranteed bounded airgap. IET Control Theory and Applications, 2018, 12, 1573-1583.	1.2	25
45	Udwadia‐Kalaba constraint-based tracking control for artificial swarm mechanical systems: dynamic approach. Nonlinear Dynamics, 2020, 100, 2381-2399.	2.7	25
46	Mechanical systems under servo constraints: the Lagrange's approach. Mechatronics, 2005, 15, 317-337.	2.0	24
47	Robust levitation control for maglev systems with guaranteed bounded airgap. ISA Transactions, 2015, 59, 205-214.	3.1	24
48	Adaptive Robust Constraint-Following Control for Satellite Formation Flying with System Uncertainty. Journal of Guidance, Control, and Dynamics, 2017, 40, 1492-1502.	1.6	24
49	Decentralized robust output and estimated state feedback controls for large-scale uncertain systems. International Journal of Control, 1987, 46, 1979-1992.	1.2	23
50	Optimal Longitudinal Control for Vehicular Platoon Systems: Adaptiveness, Determinacy, and Fuzzy. IEEE Transactions on Fuzzy Systems, 2021, 29, 889-903.	6.5	23
51	Deterministic Adaptive Robust Control With a Novel Optimal Gain Design Approach for a Fuzzy 2-DOF Lower Limb Exoskeleton Robot System. IEEE Transactions on Fuzzy Systems, 2021, 29, 2373-2387.	6.5	23
52	Stackelberg-Theoretic Approach for Performance Improvement in Fuzzy Systems. IEEE Transactions on Cybernetics, 2020, 50, 2223-2236.	6.2	22
53	Constraint-following control design for active suspension systems. Mechanical Systems and Signal Processing, 2021, 154, 107578.	4.4	22
54	Equations of motion of mechanical systems under servo constraints: The Maggi approach. Mechatronics, 2008, 18, 208-217.	2.0	21

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55	Optimal Robust Position Control With Input Shaping for Flexible Solar Array Drive System: A Fuzzy-Set Theoretic Approach. IEEE Transactions on Fuzzy Systems, 2019, 27, 1807-1817.	6.5	21
56	Rendering Optimal Design in Controlling Fuzzy Dynamical Systems: A Cooperative Game Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 4430-4441.	7.2	21
57	Optimal design for robust control of uncertain flexible joint manipulators: a fuzzy dynamical system approach. International Journal of Control, 2018, 91, 937-951.	1.2	20
58	Fuzzy Fixed-Time Learning Control with Saturated Input, Nonlinear Switching Surface and Switching Gain to Achieve Null Tracking Error. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	6.5	20
59	Adaptive robust control for a soft robotic snake: A smooth-zone approach. Applied Mathematical Modelling, 2020, 80, 454-471.	2.2	20
60	Constraint-Based Control Design for Uncertain Underactuated Mechanical System: Leakage-Type Adaptation Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7663-7674.	5.9	20
61	Robust control design for a class of mismatched uncertain nonlinear systems. Journal of Optimization Theory and Applications, 1996, 90, 605-626.	0.8	19
62	A New Approach to Control Design for Constraint-following for Fuzzy Mechanical Systems. Journal of Optimization Theory and Applications, 2015, 165, 1022-1049.	0.8	19
63	Guaranteeing Uniform Ultimate Boundedness for Uncertain Systems Free of Matching Condition. IEEE Transactions on Fuzzy Systems, 2018, 26, 3479-3493.	6.5	19
64	Controlling an Underactuated Two-Wheeled Mobile Robot: A Constraint-Following Approach. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2019, 141, .	0.9	19
65	Robust Control for Nonlinear Delta Parallel Robot With Uncertainty: An Online Estimation Approach. IEEE Access, 2020, 8, 97604-97617.	2.6	19
66	Robust bounded control for nonlinear uncertain systems with inequality constraints. Mechanical Systems and Signal Processing, 2020, 140, 106665.	4.4	19
67	Why can a free-falling cat always manage to land safely on its feet?. Nonlinear Dynamics, 2015, 79, 2237-2250.	2.7	17
68	A constraint-following control for uncertain mechanical systems: given force coupled with constraint force. Nonlinear Dynamics, 2018, 93, 1201-1217.	2.7	17
69	Robust control design of fuzzy dynamical systems. Applied Mathematics and Computation, 2005, 164, 555-572.	1.4	16
70	Artificial Swarm System: Boundedness, Convergence, and Control. Journal of Aerospace Engineering, 2008, 21, 288-293.	0.8	16
71	Isolation and expression studies of the ERD15 gene involved in drought-stressed responses. Genetics and Molecular Research, 2014, 13, 10852-10862.	0.3	16
72	Optimal fuzzy adaptive control for uncertain flexible joint manipulator based on D €operation. IET Control Theory and Applications, 2018, 12, 1286-1298.	1.2	16

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73	Uniform ultimate boundedness for underactuated mechanical systems as mismatched uncertainty disappeared. Nonlinear Dynamics, 2019, 95, 2765-2782.	2.7	16
74	Robust Computed Torque Schemes for Mechanical Manipulators: Nonadaptive Versus Adaptive. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1991, 113, 324-327.	0.9	15
75	A Signal Compensation-Based Robust Swing-Up and Balance Control Method for the Pendubot. IEEE Transactions on Industrial Electronics, 2022, 69, 3007-3016.	5.2	15
76	Nonminimal Kane's Equations of Motion for Multibody Dynamical Systems Subject to Nonlinear Nonholonomic Constraints. Multibody System Dynamics, 2005, 14, 155-187.	1.7	14
77	Adaptive robust control of artificial swarm systems. Applied Mathematics and Computation, 2010, 217, 980-987.	1.4	14
78	A New Highâ€Order Adaptive Robust Control for Constraint Following of Mechanical Systems. Asian Journal of Control, 2017, 19, 1672-1687.	1.9	14
79	Control design based on dead-zone and leakage adaptive laws for artificial swarm mechanical systems. International Journal of Control, 2017, 90, 1077-1089.	1.2	14
80	Controlling Uncertain Swarm Mechanical Systems: A eta-Measure-Based Approach. IEEE Transactions on Fuzzy Systems, 2019, 27, 1272-1285.	6.5	14
81	Optimal Design of Adaptive Robust Control for the Delta Robot with Uncertainty: Fuzzy Set-Based Approach. Applied Sciences (Switzerland), 2020, 10, 3472.	1.3	14
82	Optimal design of robust control for positive fuzzy dynamic systems with one-sided control constraint. Journal of Intelligent and Fuzzy Systems, 2017, 32, 723-735.	0.8	13
83	Robust Pointing Control of Marching Tank Gun With Matched and Mismatched Uncertainty. IEEE Transactions on Cybernetics, 2022, 52, 7303-7318.	6.2	13
84	Positive Uncertain Systems With One-Sided Robust Control. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1997, 119, 675-684.	0.9	12
85	Optimal Robust Control for Rigid Serial Manipulators: A Fuzzy Approach. Asian Journal of Control, 2015, 17, 2329-2344.	1.9	12
86	Adaptive robust control for triple evasion-tracing-arrival performance of uncertain mechanical systems. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2017, 231, 652-668.	0.7	12
87	Udwadiaâ€"Kalaba Equation for Constrained Mechanical Systems: Formulation and Applications. Chinese Journal of Mechanical Engineering (English Edition), 2018, 31, .	1.9	12
88	Robust decentralized control design for aircraft engines: A fractional type. Chinese Journal of Aeronautics, 2019, 32, 347-360.	2.8	12
89	Controlling the differential mobile robot with system uncertainty: Constraint-following and the adaptive robust method. JVC/Journal of Vibration and Control, 2019, 25, 1294-1305.	1.5	12
90	A Hierarchical Control Design Framework for Fuzzy Mechanical Systems With High-Order Uncertainty Bound. IEEE Transactions on Fuzzy Systems, 2021, 29, 820-832.	6.5	12

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91	An exponential type control design for autonomous vehicle platoon systems. Asian Journal of Control, 2021, 23, 1025-1039.	1.9	12
92	Configuring tasks as constraints for coordinated mechanical systems: A Udwadia–Kalaba theory based adaptive robust control. Journal of the Franklin Institute, 2020, 357, 3387-3418.	1.9	11
93	A novel study on Kepler's law and inverse square law of gravitation. European Journal of Physics, 2015, 36, 035018.	0.3	10
94	Fractional robust control design for fuzzy dynamical systems: An optimal approach. Journal of Intelligent and Fuzzy Systems, 2015, 29, 553-569.	0.8	10
95	Cooperative game-oriented optimal design in constraint-following control of mechanical systems. Nonlinear Dynamics, 2020, 101, 977-995.	2.7	10
96	Optimizing constraint obedience for mechanical systems: Robust control and non-cooperative game. Mechanical Systems and Signal Processing, 2021, 149, 107207.	4.4	10
97	Fuzzy-Set Theoretic Control Design for Aircraft Engine Hardware-in-the-Loop Testing: Mismatched Uncertainty and Optimality. IEEE Transactions on Industrial Electronics, 2022, 69, 7223-7233.	5.2	10
98	State estimation for non-linear uncertain systems: a design based on properties related to the uncertainty bound. International Journal of Control, 1990, 52, 1131-1146.	1.2	9
99	Optimal Robust Control for Constrained Fuzzy Dynamic Systems: Semi-infinite Case. International Journal of Fuzzy Systems, 2016, 18, 557-569.	2.3	9
100	Optimal Design of Adaptive Robust Control for Fuzzy Swarm Robot Systems. International Journal of Fuzzy Systems, 2019, 21, 1059-1072.	2.3	9
101	Possibility-Based Robust Control for Fuzzy Mechanical Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3859-3872.	6.5	9
102	Design of adaptive observer for plant under input disturbance and measurement noise. International Journal of Control, 1988, 47, 625-632.	1.2	8
103	Decentralized Adaptive Robust Control Design: The Uncertainty is Time Varying. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1991, 113, 515-518.	0.9	8
104	Robust Observer Design and Fuzzy Optimization for Uncertain Dynamic Systems. International Journal of Fuzzy Systems, 2019, 21, 1511-1523.	2.3	8
105	Stackelberg Game Theory-Based Optimization of High-Order Robust Control for Fuzzy Dynamical Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1254-1265.	5.9	8
106	Regulating Constraint-Following Bound for Fuzzy Mechanical Systems: Indirect Robust Control and Fuzzy Optimal Design. IEEE Transactions on Cybernetics, 2022, 52, 5868-5881.	6.2	8
107	A Fuzzy Susceptible-Exposed-Infected-Recovered Model Based on the Confidence Index. International Journal of Fuzzy Systems, 2021, 23, 907-917.	2.3	8
108	A Novel Practical Robust Control Inheriting PID for SCARA Robot. IEEE Access, 2020, 8, 227409-227419.	2.6	8

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109	Adaptive Robust Formation Control of Connected and Autonomous Vehicle Swarm System Based on Constraint Following. IEEE Transactions on Cybernetics, 2023, 53, 4189-4203.	6.2	8
110	A New Lyapunov Based Robust Control for Uncertain Mechanical Systems. Zidonghua Xuebao/Acta Automatica Sinica, 2014, 40, 875-882.	1.5	7
111	Optimal design for robust control parameter for active roll control system: a fuzzy approach. JVC/Journal of Vibration and Control, 2018, 24, 4575-4591.	1.5	7
112	Cooperative Game Approach to Robust Control Design for Fuzzy Dynamical Systems. IEEE Transactions on Cybernetics, 2022, 52, 7151-7163.	6.2	7
113	Satellite Formation-Containment Control Emphasis on Collision Avoidance and Uncertainty Suppression. IEEE Transactions on Cybernetics, 2023, 53, 5121-5134.	6.2	7
114	Robust Constraint Following Stabilization for Mechanical Manipulators Containing Uncertainty: An Adaptive <inline-formula> <tex-math notation="LaTeX">$varphi$ </tex-math> </inline-formula> Approach. IEEE Access, 2018, 6, 58728-58736.	2.6	6
115	A Hierarchical Robust Control Design With Non-Parallel Distributed Compensator and Application to Aircraft Engines. IEEE Access, 2019, 7, 144813-144825.	2.6	6
116	Robust trajectory tracking control for uncertain mechanical systems: servo constraint-following and adaptation mechanism. International Journal of Control, 2020, 93, 1696-1709.	1.2	6
117	Controlling tractor–semitrailer vehicles in automated highway systems: Adaptive robust and Lyapunov minimax approach. Asian Journal of Control, 2021, 23, 2642-2656.	1.9	6
118	Optimal Design of High-Order Control for Fuzzy Dynamical Systems Based on the Cooperative Game Theory. IEEE Transactions on Cybernetics, 2022, 52, 423-432.	6.2	6
119	Optimal Design of Adaptive Robust Control for Bounded Constraint-Following Error in Fuzzy Mechanical Systems. International Journal of Fuzzy Systems, 2020, 22, 970-984.	2.3	6
120	Control Design With Optimization for Fuzzy Steering-by-Wire System Based on Nash Game Theory. IEEE Transactions on Cybernetics, 2022, 52, 7694-7703.	6.2	6
121	A hierarchical constraint approach for dynamic modeling and trajectory tracking control of a mobile robot. JVC/Journal of Vibration and Control, 2022, 28, 564-576.	1.5	6
122	Servo Robust Control of Uncertain Mechanical Systems: Application in a Compressor/PMSM System. Actuators, 2022, 11, 42.	1.2	6
123	Control for Tractor-Semitrailer Vehicle Systems: A Lyapunov Minimax Approach. Journal of Dynamical and Control Systems, 1999, 9, 21-37.	0.4	5
124	Improved robust control for multi-link flexible manipulator with mismatched uncertainties. , 2015, , .		5
125	Regulating Constraint-Following Bound for Uncertain Mechanical Systems: An Indirect Control Approach. IEEE Access, 2020, 8, 70193-70203.	2.6	5
126	Robust constraint-following control for permanent magnet linear motor with optimal design: A fuzzy approach. Information Sciences, 2022, 600, 362-376.	4.0	5

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127	Robust stabilization of large-scale time-delay systems with estimated state feedback. Journal of Optimization Theory and Applications, 1996, 89, 543-559.	0.8	4
128	On the control of an uncertain water quality system. Optimal Control Applications and Methods, 1987, 8, 279-298.	1.3	4
129	Hamel Paradox and Rosenberg Conjecture in Analytical Dynamics. Journal of Applied Mechanics, Transactions ASME, 2013, 80, .	1.1	4
130	Collision avoidance adaptive robust control for autonomous vehicles: Motivated by swarm properties. , 2017, , .		4
131	A Novel Robust Constraint Force Servo Control for Under€actuated Manipulator Systems: Fuzzy and Optimal. Asian Journal of Control, 2018, 20, 1818-1838.	1.9	4
132	Robust resource allocation strategy for technology innovation ecosystems: state and control constraints. Nonlinear Dynamics, 2021, 103, 2931-2954.	2.7	4
133	Adaptive Robust Control for Pointing Tracking of Marching Turret-Barrel Systems: Coupling, Nonlinearity and Uncertainty. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16397-16409.	4.7	4
134	Model€based robust control design and experimental validation of collaborative industrial robot system with uncertainty. Asian Journal of Control, 2023, 25, 1663-1674.	1.9	4
135	Deterministic control for a new class of uncertain dynamical systems. , 1985, , .		3
136	Decentralized robust control design for uncertain delay systems. Journal of Optimization Theory and Applications, 1996, 89, 311-323.	0.8	3
137	The Closed-Form Equation of Motion of a Human Body With Joint Friction. , 2013, , .		3
138	Control Design for Artificial Swarm Mechanical Systems: Dynamics, Uncertainty, and Constraint. Asian Journal of Control, 2018, 20, 2042-2050.	1.9	3
139	Bivariate Optimization for Control Design of Interconnected Uncertain Nonlinear Systems: A Fuzzy Set-Theoretic Approach. International Journal of Fuzzy Systems, 2018, 20, 1715-1729.	2.3	3
140	Adaptive Robust Control for a Class of Stochastic Nonlinear Uncertain Systems. IEEE Access, 2020, 8, 51610-51620.	2.6	3
141	Contact constraints-based dynamic manipulation control of the multi-fingered hand robot: a force sensorless approach. Nonlinear Dynamics, 2022, 107, 1081-1105.	2.7	3
142	Optimal Design for Anti-Skid Control of Electric Vehicles by Fuzzy Approach. Chinese Journal of Mechanical Engineering (English Edition), 2021, 34, .	1.9	3
143	A practical robust bounded control for permanent magnet linear motor with inequality constraints. Control Engineering Practice, 2022, 122, 105068.	3.2	3
144	Robust Control Design for Fuzzy Mechanical Systems: A Two-Player Nash Game Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6569-6581.	5.9	3

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145	Estimation-Based and Dropout-Dependent Control Design for Aeroengine Distributed Control System with Packet Dropout. International Journal of Aerospace Engineering, 2022, 2022, 1-14.	0.5	3
146	Output stabilization of uncertain dynamical systems without matching conditions. , 1987, , .		2
147	Structural Decomposition Approach for the Stability of Uncertain Dynamic Systems. Journal of Applied Mechanics, Transactions ASME, 1988, 55, 992-994.	1.1	2
148	Large-Scale Uncertain Systems Under Insufficient Decentralized Controllers. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1989, 111, 359-363.	0.9	2
149	Optimal Compensation by Linear Robust Control for Uncertain Systems. Journal of Dynamical and Control Systems, 1999, 9, 135-148.	0.4	2
150	Dynamic modeling and optimal robust approximate constraint-following control ofÂconstrained mechanical systems under uncertainty: A fuzzy approach. Journal of Intelligent and Fuzzy Systems, 2015, 29, 777-789.	0.8	2
151	Adaptive-Adaptive Robust (A^{2}R) Control for Uncertain Mechanical Systems: Rendering eta -Ultimate Boundedness. IEEE Access, 2019, 7, 176552-176564.	2.6	2
152	Guaranteeing performance for uncertain nonlinear systems with bounded state constraint and mismatching condition. Asian Journal of Control, 2021, 23, 548-560.	1.9	2
153	A Stackelberg Game-Theoretic Exploration Rendering Robustness and Optimality for Performance Improvement of Fuzzy Mechanical Systems. IEEE Transactions on Cybernetics, 2023, 53, 289-302.	6.2	2
154	Modified adaptive robust control system design. , 0, .		2
155	Molecular Characterization and Tissue-specific Expression of a Novel FKBP38 Gene in the Cashmere Goat (Capra hircus). Asian-Australasian Journal of Animal Sciences, 2012, 25, 758-763.	2.4	2
156	A Leaderâ€"Follower Sequential Game Approach to Optimizing Parameters for Intelligent Vehicle Formation Control. International Journal of Fuzzy Systems, 2022, 24, 1390-1405.	2.3	2
157	Optimal Constraint Following for Fuzzy Mechanical Systems Based on a Time-Varying Î²-Measure and Cooperative Game Theory. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7574-7587.	5.9	2
158	Robust tracking control design with a novel leakage-type adaptive mechanism for an uncertain lower limb exoskeleton robot. JVC/Journal of Vibration and Control, 2023, 29, 2681-2695.	1.5	2
159	Structural decomposition and new algebraic method for large-scale systems. International Journal of Systems Science, 1990, 21, 241-255.	3.7	1
160	A revisit to the student learning problem. Optimal Control Applications and Methods, 1991, 12, 263-272.	1.3	1
161	Control of Discrete Fuzzy Systems: Uncertainty and Guaranteed Performance. Journal of Dynamical and Control Systems, 1998, 8, 83-106.	0.4	1
162	Partial Compensation for Mismatched Uncertain Discrete Systems. Journal of Dynamical and Control Systems, 2000, 10, 47-61.	0.4	1

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163	A new class of stabilizing controllers for stochastic nonlinear systems with mismatched conditions. Transactions of the Institute of Measurement and Control, 2018, 40, 4037-4045.	1.1	1
164	Adaptive Robust Constraint Following Control for Mechanical Systems. , 2019, , .		1
165	Robust Control Design for an Uncertain Macroeconomic Dynamical System with Unknown Characteristics and Inequality Control Constraint. Complexity, 2021, 2021, 1-13.	0.9	1
166	ADAPTIVE ROBUST CONTROL FOR FLEXIBLE JOINT MANIPULATORS WITH MISMATCHED UNCERTAINTY: DEAD-ZONE ADAPTATION. Control and Intelligent Systems, 2016, 44, .	0.3	1
167	Alternative designs of denominator controls for uncertain systems. International Journal of Systems Science, 1996, 27, 1275-1286.	3.7	0
168	ROBUST CONTROL DESIGN FOR A CLASS OF MISMATCHED COUPLED UNCERTAIN SYSTEMS. Optimal Control Applications and Methods, 1997, 18, 83-107.	1.3	0
169	Controllability verifications of Newton's third law. , 2012, , .		0
170	Constraint-Following Control for Mobile Robots: A Hierarchical Approach. , 2019, , .		0
171	Modern explorations of the Brachistochrone-related problem: using the Udwadiaâ€"Kalaba approach. Mathematics and Mechanics of Solids, 2019, 24, 1849-1872.	1.5	0
172	Nonlinear Uncertain Systems with Nonlinear Control Channel and Unilateral Input Constraints. International Journal of Control, 2020, , 1-21.	1.2	0
173	Optimal parameter selection for constraint-following control for mechanical systems based on Stackelberg game. Nonlinear Dynamics, 0, , .	2.7	0