

Wei He

List of Publications by Year in descending order

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366
papers

20,126
citations

8159

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375
all docs

375
docs citations

375
times ranked

7266
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Neural Network Control of an Uncertain Robot With Full-State Constraints. IEEE Transactions on Cybernetics, 2016, 46, 620-629.	6.2	1,046
2	Adaptive Neural Impedance Control of a Robotic Manipulator With Input Saturation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 334-344.	5.9	682
3	Cooperative control of a nonuniform gantry crane with constrained tension. Automatica, 2016, 66, 146-154.	3.0	520
4	Adaptive Fuzzy Neural Network Control for a Constrained Robot Using Impedance Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1174-1186.	7.2	514
5	Adaptive finite-time tracking control of full state constrained nonlinear systems with dead-zone. Automatica, 2019, 100, 99-107.	3.0	437
6	Adaptive Control of a Flexible Crane System With the Boundary Output Constraint. IEEE Transactions on Industrial Electronics, 2014, 61, 4126-4133.	5.2	431
7	Robust adaptive boundary control of a flexible marine riser with vessel dynamics. Automatica, 2011, 47, 722-732.	3.0	378
8	Adaptive Neural Network Control of a Marine Vessel With Constraints Using the Asymmetric Barrier Lyapunov Function. IEEE Transactions on Cybernetics, 2017, 47, 1641-1651.	6.2	342
9	Neural Control of Bimanual Robots With Guaranteed Global Stability and Motion Precision. IEEE Transactions on Industrial Informatics, 2017, 13, 1162-1171.	7.2	328
10	Vibration Control of a Flexible Robotic Manipulator in the Presence of Input Deadzone. IEEE Transactions on Industrial Informatics, 2017, 13, 48-59.	7.2	325
11	Adaptive Parameter Estimation and Control Design for Robot Manipulators With Finite-Time Convergence. IEEE Transactions on Industrial Electronics, 2018, 65, 8112-8123.	5.2	324
12	Neural Network Control of a Robotic Manipulator With Input Deadzone and Output Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 759-770.	5.9	318
13	Vibration Control of a Flexible Beam With Output Constraint. IEEE Transactions on Industrial Electronics, 2015, 62, 5023-5030.	5.2	288
14	Adaptive Neural Network Control of a Flapping Wing Micro Aerial Vehicle With Disturbance Observer. IEEE Transactions on Cybernetics, 2017, 47, 3452-3465.	6.2	283
15	Unified iterative learning control for flexible structures with input constraints. Automatica, 2018, 96, 326-336.	3.0	283
16	Iterative Learning Control for a Flapping Wing Micro Aerial Vehicle Under Distributed Disturbances. IEEE Transactions on Cybernetics, 2019, 49, 1524-1535.	6.2	266
17	Control Design for Nonlinear Flexible Wings of a Robotic Aircraft. IEEE Transactions on Control Systems Technology, 2017, 25, 351-357.	3.2	264
18	Adaptive Neural Network Control of a Robotic Manipulator With Time-Varying Output Constraints. IEEE Transactions on Cybernetics, 2017, 47, 3136-3147.	6.2	256

#	ARTICLE	IF	CITATIONS
19	Dynamical Modeling and Boundary Vibration Control of a Rigid-Flexible Wing System. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2711-2721.	3.7	254
20	Neural Network Control of a Flexible Robotic Manipulator Using the Lumped Spring-Mass Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1863-1874.	5.9	247
21	Modeling and trajectory tracking control for flapping-wing micro aerial vehicles. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 148-156.	8.5	242
22	Modeling and vibration control of a flexible aerial refueling hose with variable lengths and input constraint. Automatica, 2017, 77, 302-310.	3.0	237
23	Robot Learning System Based on Adaptive Neural Control and Dynamic Movement Primitives. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 777-787.	7.2	237
24	A survey of human-centered intelligent robots: issues and challenges. IEEE/CAA Journal of Automatica Sinica, 2017, 4, 602-609.	8.5	236
25	Adaptive Impedance Control for an Upper Limb Robotic Exoskeleton Using Biological Signals. IEEE Transactions on Industrial Electronics, 2017, 64, 1664-1674.	5.2	235
26	Adaptive Neural Network Control of a Fully Actuated Marine Surface Vessel With Multiple Output Constraints. IEEE Transactions on Control Systems Technology, 2014, 22, 1536-1543.	3.2	211
27	Neural Network Control of a Rehabilitation Robot by State and Output Feedback. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 80, 15-31.	2.0	208
28	Adaptive Fuzzy Control for Coordinated Multiple Robots With Constraint Using Impedance Learning. IEEE Transactions on Cybernetics, 2019, 49, 3052-3063.	6.2	207
29	Robust Adaptive Neural Tracking Control for a Class of Perturbed Uncertain Nonlinear Systems With State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1618-1629.	5.9	205
30	Top Tension Control of a Flexible Marine Riser by Using Integral-Barrier Lyapunov Function. IEEE/ASME Transactions on Mechatronics, 2015, 20, 497-505.	3.7	202
31	Boundary Vibration Control of Variable Length Crane Systems in Two-Dimensional Space With Output Constraints. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1952-1962.	3.7	182
32	Adaptive Boundary Iterative Learning Control for an Euler-Bernoulli Beam System With Input Constraint. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1539-1549.	7.2	177
33	Robust adaptive control of a thruster assisted position mooring system. Automatica, 2014, 50, 1843-1851.	3.0	174
34	Admittance-Based Controller Design for Physical Human-Robot Interaction in the Constrained Task Space. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1937-1949.	3.4	167
35	PDE Model-Based Boundary Control Design for a Flexible Robotic Manipulator With Input Backlash. IEEE Transactions on Control Systems Technology, 2019, 27, 790-797.	3.2	165
36	Barrier Lyapunov Function Based Learning Control of Hypersonic Flight Vehicle With AOA Constraint and Actuator Faults. IEEE Transactions on Cybernetics, 2019, 49, 1047-1057.	6.2	164

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37	Modeling and Observer-Based Vibration Control of a Flexible Spacecraft With External Disturbances. IEEE Transactions on Industrial Electronics, 2019, 66, 8648-8658.	5.2	161
38	Neural Network Control of a Two-Link Flexible Robotic Manipulator Using Assumed Mode Method. IEEE Transactions on Industrial Informatics, 2019, 15, 755-765.	7.2	155
39	A DMPs-Based Framework for Robot Learning and Generalization of Humanlike Variable Impedance Skills. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1193-1203.	3.7	142
40	Cooperative Adaptive Event-Triggered Control for Multiagent Systems With Actuator Failures. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1759-1768.	5.9	141
41	Adaptive Fuzzy Full-State and Output-Feedback Control for Uncertain Robots With Output Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6994-7007.	5.9	140
42	Neural Control of Robot Manipulators With Trajectory Tracking Constraints and Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4231-4242.	7.2	136
43	Vibration control of an Euler-Bernoulli beam under unknown spatiotemporally varying disturbance. International Journal of Control, 2011, 84, 947-960.	1.2	135
44	Neural-Learning-Based Control for a Constrained Robotic Manipulator With Flexible Joints. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5993-6003.	7.2	133
45	Modeling and adaptive control for a spatial flexible spacecraft with unknown actuator failures. Science China Information Sciences, 2021, 64, 1.	2.7	131
46	Force Sensorless Admittance Control With Neural Learning for Robots With Actuator Saturation. IEEE Transactions on Industrial Electronics, 2020, 67, 3138-3148.	5.2	130
47	Reinforcement Learning Control of a Flexible Two-Link Manipulator: An Experimental Investigation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7326-7336.	5.9	130
48	Boundary Control of a Coupled Nonlinear Flexible Marine Riser. IEEE Transactions on Control Systems Technology, 2010, 18, 1080-1091.	3.2	123
49	Model Identification and Control Design for a Humanoid Robot. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 45-57.	5.9	122
50	Modeling and Vibration Control for a Nonlinear Moving String With Output Constraint. IEEE/ASME Transactions on Mechatronics, 2015, 20, 1886-1897.	3.7	116
51	Robust adaptive fault tolerant control for a linear cascaded ODE-beam system. Automatica, 2018, 98, 42-50.	3.0	113
52	Two-Layer Distributed Formation-Containment Control of Multiple Euler-Lagrange Systems by Output Feedback. IEEE Transactions on Cybernetics, 2019, 49, 675-687.	6.2	111
53	Mind Control of a Robotic Arm With Visual Fusion Technology. IEEE Transactions on Industrial Informatics, 2018, 14, 3822-3830.	7.2	109
54	Adaptive boundary control of a flexible marine installation system. Automatica, 2011, 47, 2728-2734.	3.0	106

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55	Vibration Control of a Nonuniform Wind Turbine Tower via Disturbance Observer. IEEE/ASME Transactions on Mechatronics, 2015, 20, 237-244.	3.7	105
56	Adaptive boundary control of an axially moving belt system with high acceleration/deceleration. IET Control Theory and Applications, 2016, 10, 1299-1306.	1.2	105
57	Multilayer formation control of multi-agent systems. Automatica, 2019, 109, 108558.	3.0	103
58	Human-Robot Co-Carrying Using Visual and Force Sensing. IEEE Transactions on Industrial Electronics, 2021, 68, 8657-8666.	5.2	103
59	Design and Adaptive Control for an Upper Limb Robotic Exoskeleton in Presence of Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 97-108.	7.2	98
60	Fuzzy Neural Network Control of a Flexible Robotic Manipulator Using Assumed Mode Method. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5214-5227.	7.2	97
61	Adaptive Neural Network Control of Biped Robots. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, , 1-12.	5.9	96
62	Iterative Learning Control of a Robotic Arm Experiment Platform with Input Constraint. IEEE Transactions on Industrial Electronics, 2018, 65, 664-672.	5.2	95
63	Boundary adaptive fault-tolerant control for a flexible Timoshenko arm with backlash-like hysteresis. Automatica, 2021, 130, 109690.	3.0	93
64	Tangent Barrier Lyapunov Functions for the Control of Output-Constrained Nonlinear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 449-455.	0.4	92
65	Disturbance Observer-Based Neural Network Control of Cooperative Multiple Manipulators With Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1735-1746.	7.2	91
66	Dynamic modeling and vibration control of a flexible satellite. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1422-1431.	2.6	89
67	Active vibration control for a flexible string system with input backlash. IET Control Theory and Applications, 2016, 10, 800-805.	1.2	88
68	Adaptive Boundary Control of a Nonlinear Flexible String System. IEEE Transactions on Control Systems Technology, 2014, 22, 1088-1093.	3.2	87
69	Modeling and Vibration Control for a Moving Beam With Application in a Drilling Riser. IEEE Transactions on Control Systems Technology, 2017, 25, 1036-1043.	3.2	86
70	Boundary Output-Feedback Stabilization of a Timoshenko Beam Using Disturbance Observer. IEEE Transactions on Industrial Electronics, 2013, 60, 5186-5194.	5.2	85
71	Brain-Machine Interface and Visual Compressive Sensing-Based Teleoperation Control of an Exoskeleton Robot. IEEE Transactions on Fuzzy Systems, 2017, 25, 58-69.	6.5	84
72	Asymmetric Bounded Neural Control for an Uncertain Robot by State Feedback and Output Feedback. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-12.	5.9	84

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73	Vibration Control of a Flexible String With Both Boundary Input and Output Constraints. IEEE Transactions on Control Systems Technology, 2015, 23, 1245-1254.	3.2	82
74	Adaptive boundary control of a flexible manipulator with input saturation. International Journal of Control, 2016, 89, 1191-1202.	1.2	82
75	Missile Guidance Law Based on Robust Model Predictive Control Using Neural-Network Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1803-1809.	7.2	81
76	Vibration Control of an Industrial Moving Strip in the Presence of Input Deadzone. IEEE Transactions on Industrial Electronics, 2017, 64, 4680-4689.	5.2	81
77	Boundary control of an axially moving accelerated/decelerated belt system. International Journal of Robust and Nonlinear Control, 2016, 26, 3849-3866.	2.1	80
78	Boundary Control of a Flexible Riser With the Application to Marine Installation. IEEE Transactions on Industrial Electronics, 2013, 60, 5802-5810.	5.2	76
79	Highly transparent, highly flexible composite membrane with multiple antimicrobial effects used for promoting wound healing. Carbohydrate Polymers, 2019, 222, 114985.	5.1	75
80	Distributed Attitude Coordinated Control of Multiple Spacecraft With Attitude Constraints. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2233-2245.	2.6	74
81	Adaptive-Constrained Impedance Control for Human-Robot Co-Transportation. IEEE Transactions on Cybernetics, 2022, 52, 13237-13249.	6.2	74
82	Adaptive Neural Network Control for Robotic Manipulators With Unknown Deadzone. IEEE Transactions on Cybernetics, 2018, 48, 2670-2682.	6.2	73
83	Detecting safety helmet wearing on construction sites with bounding-box regression and deep transfer learning. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 180-196.	6.3	73
84	Adaptive neural control for an uncertain robotic manipulator with joint space constraints. International Journal of Control, 2016, 89, 1428-1446.	1.2	72
85	Nonlinear Constrained Optimal Control of Wave Energy Converters With Adaptive Dynamic Programming. IEEE Transactions on Industrial Electronics, 2019, 66, 7904-7915.	5.2	70
86	Trajectory Tracking Control for a Three-Dimensional Flexible Wing. IEEE Transactions on Control Systems Technology, 2022, 30, 2243-2250.	3.2	68
87	Bayesian Estimation of Human Impedance and Motion Intention for Human-Robot Collaboration. IEEE Transactions on Cybernetics, 2021, 51, 1822-1834.	6.2	67
88	Fuzzy Approximation-Based Finite-Time Control for a Robot With Actuator Saturation Under Time-Varying Constraints of Work Space. IEEE Transactions on Cybernetics, 2021, 51, 4873-4884.	6.2	66
89	Human-in-the-Loop Control of Soft Exosuits Using Impedance Learning on Different Terrains. IEEE Transactions on Robotics, 2022, 38, 2979-2993.	7.3	66
90	Tracking control of a marine surface vessel with full-state constraints. International Journal of Systems Science, 2017, 48, 535-546.	3.7	64

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91	Dynamic modeling and vibration control for a nonlinear 3-dimensional flexible manipulator. International Journal of Robust and Nonlinear Control, 2018, 28, 3927-3945.	2.1	64
92	Composite Neural Learning-Based Nonsingular Terminal Sliding Mode Control of MEMS Gyroscopes. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1375-1386.	7.2	63
93	Boundary Feedback Control of a Nonhomogeneous Wind Turbine Tower With Exogenous Disturbances. IEEE Transactions on Automatic Control, 2022, 67, 1952-1959.	3.6	63
94	Reinforcement learning control of a single-link flexible robotic manipulator. IET Control Theory and Applications, 2017, 11, 1426-1433.	1.2	61
95	A Wireless BCI and BMI System for Wearable Robots. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 936-946.	5.9	60
96	Adaptive neural network control of a robotic manipulator with unknown backlash-like hysteresis. IET Control Theory and Applications, 2017, 11, 567-575.	1.2	60
97	Boundary control for a flexible manipulator based on infinite dimensional disturbance observer. Journal of Sound and Vibration, 2015, 348, 1-14.	2.1	59
98	Adaptive Control of a Flexible String System With Input Hysteresis. IEEE Transactions on Control Systems Technology, 2018, 26, 693-700.	3.2	59
99	Stabilization of an axially moving accelerated/decelerated system via an adaptive boundary control. ISA Transactions, 2016, 64, 394-404.	3.1	58
100	Adaptive-Neural-Network-Based Trajectory Tracking Control for a Nonholonomic Wheeled Mobile Robot With Velocity Constraints. IEEE Transactions on Industrial Electronics, 2021, 68, 5057-5067.	5.2	58
101	Fuzzy Tracking Control for a Class of Uncertain MIMO Nonlinear Systems With State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 543-554.	5.9	57
102	Dynamics and Control of Mechanical Systems in Offshore Engineering. Advances in Industrial Control, 2014, , .	0.4	55
103	Iterative learning control of inhomogeneous distributed parameter systems"frequency domain design and analysis. Systems and Control Letters, 2014, 72, 22-29.	1.3	54
104	Vibration Control of Flexible Marine Riser Systems with Input Saturation. IEEE/ASME Transactions on Mechatronics, 2015, , 1-1.	3.7	53
105	Adaptive control of a quadrotor aerial vehicle with input constraints and uncertain parameters. International Journal of Control, 2018, 91, 1140-1160.	1.2	53
106	Disturbance Observer-Based Fault-Tolerant Control for Robotic Systems With Guaranteed Prescribed Performance. IEEE Transactions on Cybernetics, 2022, 52, 772-783.	6.2	53
107	Robust Adaptive Boundary Control of a Vibrating String Under Unknown Time-Varying Disturbance. IEEE Transactions on Control Systems Technology, 2011, , .	3.2	52
108	Robust adaptive vibration control for an uncertain flexible Timoshenko robotic manipulator with input and output constraints. International Journal of Systems Science, 2017, 48, 2860-2870.	3.7	52

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109	An All Servo-Driven Bird-Like Flapping-Wing Aerial Robot Capable of Autonomous Flight. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5484-5494.	3.7	52
110	Partial differential equation boundary control of a flexible manipulator with input saturation. International Journal of Systems Science, 2017, 48, 53-62.	3.7	51
111	Hamiltonian-Driven Adaptive Dynamic Programming With Approximation Errors. IEEE Transactions on Cybernetics, 2022, 52, 13762-13773.	6.2	51
112	Adaptive neural network control of unknown nonlinear affine systems with input deadzone and output constraint. ISA Transactions, 2015, 58, 96-104.	3.1	49
113	Robust Adaptive Control of an Offshore Ocean Thermal Energy Conversion System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5285-5295.	5.9	45
114	Robust Vision-Based Tube Model Predictive Control of Multiple Mobile Robots for Leader-Follower Formation. IEEE Transactions on Industrial Electronics, 2020, 67, 3096-3106.	5.2	45
115	Robust Neurooptimal Control for a Robot via Adaptive Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2584-2594.	7.2	45
116	Adaptive NN impedance control for an SEA-driven robot. Science China Information Sciences, 2020, 63, 1.	2.7	44
117	Effects of fluorine incorporation and forming gas annealing on high-k gated germanium metal-oxide-semiconductor with GeO ₂ surface passivation. Applied Physics Letters, 2008, 93, .	1.5	41
118	Modeling and Control of a Nonuniform Vibrating String Under Spatiotemporally Varying Tension and Disturbance. IEEE/ASME Transactions on Mechatronics, 2012, 17, 1196-1203.	3.7	40
119	A novel deep neural network architecture for real-time water demand forecasting. Journal of Hydrology, 2021, 599, 126353.	2.3	40
120	Adaptive neural network control of coordinated robotic manipulators with output constraint. IET Control Theory and Applications, 2016, 10, 2271-2278.	1.2	39
121	Adaptive fuzzy control for a marine vessel with time-varying constraints. IET Control Theory and Applications, 2018, 12, 1448-1455.	1.2	39
122	An adaptive iterative learning algorithm for boundary control of a flexible manipulator. International Journal of Adaptive Control and Signal Processing, 2017, 31, 903-916.	2.3	36
123	Boundary control of an Euler-Bernoulli beam with input and output restrictions. Nonlinear Dynamics, 2018, 92, 531-541.	2.7	35
124	Dynamic modelling and adaptive robust tracking control of a space robot with two-link flexible manipulators under unknown disturbances. International Journal of Control, 2018, 91, 969-988.	1.2	35
125	Data-Driven Feedforward Learning With Force Ripple Compensation for Wafer Stages: A Variable-Gain Robust Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1594-1608.	7.2	34
126	Dual-Loop Adaptive Iterative Learning Control for a Timoshenko Beam With Output Constraint and Input Backlash. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1027-1038.	5.9	33

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127	Boundary output feedback control of a flexible string system with input saturation. <i>Nonlinear Dynamics</i> , 2015, 80, 871-888.	2.7	32
128	Neural-Learning-Based Force Sensorless Admittance Control for Robots With Input Deadzone. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 5184-5196.	5.2	32
129	Dynamic modeling and vibration control of a flexible aerial refueling hose. <i>Aerospace Science and Technology</i> , 2016, 55, 92-102.	2.5	31
130	Development of an autonomous flapping-wing aerial vehicle. <i>Science China Information Sciences</i> , 2017, 60, 1.	2.7	31
131	Robust adaptive iterative learning control for discrete-time nonlinear systems with both parametric and nonparametric uncertainties. <i>International Journal of Adaptive Control and Signal Processing</i> , 2016, 30, 972-985.	2.3	30
132	Distributed coordinated tracking control of multiple Euler-Lagrange systems by state and output feedback. <i>IET Control Theory and Applications</i> , 2017, 11, 2213-2221.	1.2	30
133	Adaptive Fuzzy Relative Pose Control of Spacecraft During Rendezvous and Proximity Maneuvers. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 3440-3451.	6.5	30
134	Interface-Engineered High-Mobility High- κ /Ge pMOSFETs With 1-nm Equivalent Oxide Thickness. <i>IEEE Transactions on Electron Devices</i> , 2009, , .	1.6	29
135	Boundary vibration control for a flexible Timoshenko robotic manipulator. <i>IET Control Theory and Applications</i> , 2018, 12, 875-882.	1.2	29
136	Control Design of a Marine Vessel System Using Reinforcement Learning. <i>Neurocomputing</i> , 2018, 311, 353-362.	3.5	29
137	Adaptive Neural Network Control of Underwater Robotic Manipulators Tuned by a Genetic Algorithm. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2020, 97, 657-672.	2.0	29
138	Cooperative Circumnavigation Control of Networked Microsatellites. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 4550-4555.	6.2	29
139	Safety-Aware Reinforcement Learning Framework with an Actor-Critic-Barrier Structure. , 2019, , .		28
140	Boundary control of an axially moving system with high acceleration/deceleration and disturbance observer. <i>Journal of the Franklin Institute</i> , 2017, 354, 2905-2923.	1.9	27
141	Tracking Control of a Flexible String System Based on Iterative Learning Control. <i>IEEE Transactions on Control Systems Technology</i> , 2021, 29, 436-443.	3.2	27
142	Vibration Control of a Constrained Two-Link Flexible Robotic Manipulator With Fixed-Time Convergence. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 5973-5983.	6.2	27
143	Performance Improvement in Charge-Trap Flash Memory Using Lanthanum-Based High- κ Blocking Oxide. <i>IEEE Transactions on Electron Devices</i> , 2009, 56, 2746-2751.	1.6	26
144	Vibration control for a flexible satellite system with output constraints. <i>Nonlinear Dynamics</i> , 2016, 85, 2673-2686.	2.7	26

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145	Modeling and vibration control of the flapping-wing robotic aircraft with output constraint. <i>Journal of Sound and Vibration</i> , 2018, 423, 472-483.	2.1	26
146	Adaptive Coordinated Formation Control of Heterogeneous Vertical Takeoff and Landing UAVs Subject to Parametric Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 3184-3195.	6.2	26
147	Layered Affine Formation Control of Networked Uncertain Systems: A Fully Distributed Approach Over Directed Graphs. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 6119-6130.	6.2	26
148	Adaptive Finite-Time Fault-Tolerant Control for Uncertain Flexible Flapping Wings Based on Rigid Finite Element Method. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9036-9047.	6.2	26
149	Boundary control of a Timoshenko beam system with input dead-zone. <i>International Journal of Control</i> , 2015, 88, 1257-1270.	1.2	25
150	Active vibration control of a nonlinear three-dimensional Euler-Bernoulli beam. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 3196-3215.	1.5	25
151	Vibration control for a nonlinear three-dimensional Euler-Bernoulli beam under input magnitude and rate constraints. <i>Nonlinear Dynamics</i> , 2018, 91, 2551-2570.	2.7	25
152	Iterative learning control for boundary tracking of uncertain nonlinear wave equations. <i>Journal of the Franklin Institute</i> , 2018, 355, 8441-8461.	1.9	25
153	Human-in-the-Loop Control Strategy of Unilateral Exoskeleton Robots for Gait Rehabilitation. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021, 13, 57-66.	2.6	25
154	Adaptive boundary control for a class of inhomogeneous Timoshenko beam equations with constraints. <i>IET Control Theory and Applications</i> , 2014, 8, 1285-1292.	1.2	23
155	A robust observer design for a flexible manipulator based on a PDE model. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 871-882.	1.5	23
156	Bilateral Teleoperation of Multiple Robots Under Scheduling Communication. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 1770-1784.	3.2	23
157	Vibration Control of a High-Rise Building Structure: Theory and Experiment. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021, 8, 866-875.	8.5	23
158	Adaptive neural dynamic surface control of output constrained nonlinear systems with unknown control direction. <i>IET Control Theory and Applications</i> , 2017, 11, 2994-3003.	1.2	22
159	Adaptive Boundary Control for a Flexible Manipulator With State Constraints Using a Barrier Lyapunov Function. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2018, 140, .	0.9	22
160	Trajectory Tracking Control for the Flexible Wings of a Micro Aerial Vehicle. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 2431-2441.	5.9	22
161	Adaptive fault-tolerant control for a nonlinear flexible aircraft wing system. <i>Asian Journal of Control</i> , 2019, 21, 2340-2351.	1.9	22
162	Adaptive control for an uncertain robotic manipulator with input saturations. <i>Control Theory and Technology</i> , 2016, 14, 113-121.	1.0	21

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163	Uncertainty and Disturbance Estimator-Based Control of a Flapping-Wing Aerial Vehicle With Unknown Backlash-Like Hysteresis. IEEE Transactions on Industrial Electronics, 2020, 67, 4826-4835.	5.2	21
164	Boundary Output Feedback Control for a Flexible Two-Link Manipulator System With High-Gain Observers. IEEE Transactions on Control Systems Technology, 2021, 29, 835-840.	3.2	21
165	A Miniature Video Stabilization System for Flapping-Wing Aerial Vehicles. Research on World Agricultural Economy, 2022, 02, .	0.8	21
166	Distributed disturbance-observer-based vibration control for a flexible-link manipulator with output constraints. Science China Technological Sciences, 2018, 61, 1528-1536.	2.0	20
167	Adaptive dynamic surface neural network control for nonstrict-feedback uncertain nonlinear systems with constraints. Nonlinear Dynamics, 2018, 94, 165-184.	2.7	20
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