

Peter X Liu

List of Publications by Year in descending order

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498
papers

17,908
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times ranked

8842
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural-Network-Based Adaptive Fixed-Time Control for Nonlinear Multiagent Non-Affine Systems. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 570-583.	11.3	22
2	An Emotion Recognition Method for Game Evaluation Based on Electroencephalogram. IEEE Transactions on Affective Computing, 2023, 14, 591-602.	8.3	17
3	Input-to-State Stability for Time-Delay Systems With Large Delays. IEEE Transactions on Cybernetics, 2023, 53, 1598-1606.	9.5	6
4	Physical model-driven deep networks for through-the-wall radar imaging. International Journal of Microwave and Wireless Technologies, 2023, 15, 82-89.	1.9	2
5	A Mobile Natural Interactive Technique With Bare Hand Manipulation and Unrestricted Force Feedback for Virtual Assembly Tasks. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-13.	4.7	5
6	A Product Fuzzy Convolutional Network for Detecting Driving Fatigue. IEEE Transactions on Cybernetics, 2023, 53, 4175-4188.	9.5	8
7	Wavelet Transform-Assisted Adaptive Generative Modeling for Colorization. IEEE Transactions on Multimedia, 2023, 25, 4547-4562.	7.2	2
8	Fast Finite-Time Control for Nonaffine Stochastic Nonlinear Systems Against Multiple Actuator Constraints via Output Feedback. IEEE Transactions on Cybernetics, 2023, 53, 3253-3262.	9.5	12
9	Observer-based backstepping control for nonlinear cyber-physical systems with incomplete measurements. International Journal of Control, 2022, 95, 1337-1348.	1.9	5
10	Fuzzy Finite-Time Command Filtering Output Feedback Control of Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 97-107.	9.8	53
11	Event-based adaptive NN controller design for strict-feedback discrete-time nonlinear systems with input dead zone and saturation. International Journal of Control, 2022, 95, 218-233.	1.9	5
12	Stabilization and Data-Rate Condition for Stability of Networked Control Systems With Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2022, 52, 700-711.	9.5	19
13	RNMF-Guided Deep Network for Signal Separation of GPR Without Labeled Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
14	Physical Model-Inspired Deep Unrolling Network for Solving Nonlinear Inverse Scattering Problems. IEEE Transactions on Antennas and Propagation, 2022, 70, 1236-1249.	5.1	10
15	Range-Doppler Spectrograms-Based Graph-Relational Mapping for Clutter Rejection in HF Passive Radar. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
16	Finite-Time Prescribed Performance Control for Spacecraft Attitude Tracking. IEEE/ASME Transactions on Mechatronics, 2022, 27, 3087-3098.	5.8	36
17	Finite-Time-Prescribed Performance-Based Adaptive Fuzzy Control for Strict-Feedback Nonlinear Systems With Dynamic Uncertainty and Actuator Faults. IEEE Transactions on Cybernetics, 2022, 52, 6959-6971.	9.5	121
18	Model-Based Adaptive Event-Triggered Tracking Control of Discrete-Time Nonlinear Systems Subject to Strict-Feedback Form. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4557-4568.	9.3	7

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19	Human-Exploratory-Procedure-Based Hybrid Measurement Fusion for Material Recognition. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1093-1104.	5.8	16
20	Sliding Mode Impedance Control for Dual Hand Master Single Slave Teleoperation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25500-25508.	8.0	4
21	Control of high-order nonlinear systems under error-to-actuator based event-triggered framework. International Journal of Control, 2022, 95, 2758-2770.	1.9	21
22	Fuzzy adaptive finite-time output feedback control of stochastic nonlinear systems. ISA Transactions, 2022, 125, 110-118.	5.7	20
23	Backstepping control for stochastic nonlinear strict-feedback systems based on observer with incomplete measurements. International Journal of Control, 2022, 95, 3211-3225.	1.9	2
24	Linear electromagnetic inverse scattering via generative adversarial networks. International Journal of Microwave and Wireless Technologies, 2022, 14, 1168-1176.	1.9	5
25	Adaptive containment control for nonlinear strict-feedback multi-agent systems with dynamic leaders. International Journal of Control, 2022, 95, 1658-1667.	1.9	6
26	An Offline-Merge-Online Robot Teaching Method Based on Natural Human-Robot Interaction and Visual-Aid Algorithm. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2752-2763.	5.8	2
27	A decomposition-based approximate entropy cooperation long short-term memory ensemble model for short-term load forecasting. Electrical Engineering, 2022, 104, 1515-1525.	2.0	1
28	Classification of Imbalanced Electrocardiosignal Data using Convolutional Neural Network. Computer Methods and Programs in Biomedicine, 2022, 214, 106483.	4.7	17
29	Adaptive tracking control for stochastic nonlinear systems with unknown virtual control coefficients. International Journal of Robust and Nonlinear Control, 2022, 32, 1331-1354.	3.7	7
30	An approach to boundary detection for 3D point clouds based on DBSCAN clustering. Pattern Recognition, 2022, 124, 108431.	8.1	46
31	A novel hybrid approach of ABC with SCA for the parameter optimization of SVR in blind image quality assessment. Neural Computing and Applications, 2022, 34, 4165-4191.	5.6	5
32	Adaptive consensus tracking control of strict-feedback nonlinear multi-agent systems with unknown dynamic leader. Neural Computing and Applications, 2022, 34, 6215-6226.	5.6	8
33	Funnel-bounded synchronization control for bilateral teleoperation with asymmetric communication delays. Nonlinear Dynamics, 2022, 107, 3641-3654.	5.2	6
34	Adaptive fixed-time fuzzy control for nonlinear systems with actuator faults. International Journal of Adaptive Control and Signal Processing, 2022, 36, 762-784.	4.1	6
35	Iterative Reconstruction for Low-Dose CT Using Deep Gradient Priors of Generative Model. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 741-754.	3.7	3
36	A Gesture-Based Natural Human-Robot Interaction Interface With Unrestricted Force Feedback. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	5

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37	Super twisting sliding mode network congestion control based on disturbance observer. Neural Computing and Applications, 2022, 34, 9689-9699.	5.6	5
38	Highly undersampling dynamic cardiac MRI based on low-rank tensor coding. Magnetic Resonance Imaging, 2022, 89, 12-23.	1.8	3
39	A Deep Autoencoder With Novel Adaptive Resolution Reconstruction Loss for Disentanglement of Concepts in Face Images. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	6
40	CCAIB: Congestion Control Based on Adaptive Integral Backstepping for Wireless Multi-Router Network. Sensors, 2022, 22, 1818.	3.8	2
41	Adaptive finite-time control for nonlinear multi-agent high-order systems with actuator faults. International Journal of Systems Science, 2022, 53, 2437-2460.	5.5	2
42	Congestion Control for Internet of Things Based on Priority. International Journal of Control, Automation and Systems, 2022, 20, 1154-1165.	2.7	0
43	A deformation model of pulsating brain tissue for neurosurgery simulation. Computer Methods and Programs in Biomedicine, 2022, 218, 106729.	4.7	3
44	Intelligence Networking for Autonomous Driving in Beyond 5G Networks With Multi-Access Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 5853-5866.	6.3	8
45	Backstepping Sliding Mode Control Based on Extended State Observer for Robotic Manipulators with LuGre Friction. International Journal of Control, Automation and Systems, 2022, 20, 2054-2066.	2.7	8
46	Almost Disturbance Decoupling for HOFA Nonlinear Systems with Strict-Feedback Form. Journal of Systems Science and Complexity, 2022, 35, 481-501.	2.8	10
47	Finite-Time Compensation Control for State-Variable-Unmeasurable Nonlinear Systems With Sensor and Actuator Faults. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	4.7	5
48	A Novel Approach to the Extraction of Key Points From 3-D Rigid Point Cloud Using 2-D Images Transformation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	1
49	Robotic Multifinger Grasping State Recognition Based on Adaptive Multikernel Dictionary Learning. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	13
50	A Multimodal Fusion Fatigue Driving Detection Method Based on Heart Rate and PERCLOS. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21810-21820.	8.0	17
51	A Multi-View Ensemble Width-Depth Neural Network for Short-Term Wind Power Forecasting. Mathematics, 2022, 10, 1824.	2.2	3
52	Adaptive event-triggered synchronization control for bilateral teleoperation system subjected to fixed-time constraint. International Journal of Adaptive Control and Signal Processing, 2022, 36, 2041-2064.	4.1	1
53	A Mobile Gesture Interaction Method for Augmented Reality Games Using Hybrid Filters. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	4
54	A Stacking Learning Model Based on Multiple Similar Days for Short-Term Load Forecasting. Mathematics, 2022, 10, 2446.	2.2	7

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55	A Novel Hybrid Predictive Model for Ultra-Short-Term Wind Speed Prediction. <i>Energies</i> , 2022, 15, 4895.	3.1	1
56	Adaptive fuzzy asymptotical tracking control of nonlinear systems with unmodeled dynamics and quantized actuator. <i>Information Sciences</i> , 2021, 575, 779-792.	6.9	55
57	Chebyshev neural network-based attitude-tracking control for rigid spacecraft with finite-time convergence. <i>International Journal of Control</i> , 2021, 94, 2712-2729.	1.9	7
58	Event-triggered control for nonlinear systems via feedback linearisation. <i>International Journal of Control</i> , 2021, 94, 2679-2689.	1.9	6
59	Vision-Based Fatigue Driving Recognition Method Integrating Heart Rate and Facial Features. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 3089-3100.	8.0	41
60	Finite-time prescribed performance adaptive fuzzy control for unknown nonlinear systems. <i>Fuzzy Sets and Systems</i> , 2021, 402, 16-34.	2.7	33
61	Robust finite-time H_{∞} congestion control for a class of AQM network systems. <i>Neural Computing and Applications</i> , 2021, 33, 3105-3112.	5.6	10
62	Finite-time adaptive fault-tolerant control for rigid spacecraft attitude tracking. <i>Asian Journal of Control</i> , 2021, 23, 1003-1024.	3.0	12
63	Fuzzy Finite-Time Tracking Control for a Class of Nonaffine Nonlinear Systems With Unknown Dead Zones. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 452-463.	9.3	30
64	Bleeding Simulation With Improved Visual Effects for Surgical Simulation Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 686-695.	9.3	9
65	Adaptive Finite-Time Fuzzy Funnel Control for Nonaffine Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 2894-2903.	9.3	52
66	An adaptive fault-tolerant control scheme for a class of fractional-order systems with unknown input dead-zones. <i>International Journal of Systems Science</i> , 2021, 52, 291-306.	5.5	7
67	Forecasting and simulation of cutting force in virtual surgery based on particle filtering. <i>Applied Intelligence</i> , 2021, 51, 1934-1946.	5.3	1
68	A vortex method of 3D smoke simulation for virtual surgery. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 198, 105813.	4.7	5
69	Event-triggered adaptive backstepping tracking control for a class of nonlinear fractional order systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021, 35, 442-458.	4.1	7
70	Moving Object Segmentation and Detection for Robust RGBD-SLAM in Dynamic Environments. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-8.	4.7	34
71	Observer-based Adaptive Neural Network Output-feedback Control for Nonlinear Strict-feedback Discrete-time Systems. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 267-278.	2.7	9
72	Finite-Time Synchronization Control for Bilateral Teleoperation Systems With Asymmetric Time-Varying Delay and Input Dead Zone. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 1570-1580.	5.8	11

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73	Decentralised connectively finite-time control for a class of p-normal form nonlinear large-scale systems with expanding construction and its application. International Journal of Control, 2021, 94, 1588-1610.	1.9	3
74	Fixed-time synchronization for complex-valued BAM neural networks with time delays. Asian Journal of Control, 2021, 23, 298-314.	3.0	18
75	Guaranteed Synchronization Performance Control of Nonlinear Time-Delay MIMO Multiagent Systems With Actuator Faults. IEEE Transactions on Cybernetics, 2021, 51, 2446-2456.	9.5	13
76	Semi-globally practical finite-time stability for uncertain nonlinear systems based on dynamic surface control. International Journal of Control, 2021, 94, 476-485.	1.9	9
77	Adaptive Fuzzy Practical Fixed-Time Tracking Control of Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 664-673.	9.8	216
78	A 4-minute solution for submillimeter whole-brain T1 ρ quantification. Magnetic Resonance in Medicine, 2021, 85, 3299-3307.	3.0	4
79	A New Micro-Magnetic Method for Monitoring and Analyzing the Tensile Stress Damage State of Brass. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	2
80	Composite adaptive fuzzy decentralized tracking control for pure-feedback interconnected large-scale nonlinear systems. Neural Computing and Applications, 2021, 33, 8735-8751.	5.6	6
81	Observer-Based Adaptive Fuzzy Formation Control of Nonlinear Multi-Agent Systems with Nonstrict-Feedback Form. International Journal of Fuzzy Systems, 2021, 23, 680-691.	4.0	17
82	SPECIAL: Single-Shot Projection Error Correction Integrated Adversarial Learning for Limited-Angle CT. IEEE Transactions on Computational Imaging, 2021, 7, 734-746.	4.4	23
83	CD-Net: Comprehensive Domain Network With Spectral Complementary for DECT Sparse-View Reconstruction. IEEE Transactions on Computational Imaging, 2021, 7, 436-447.	4.4	25
84	Adaptive Fuzzy Cooperative Control for Nonlinear Multiagent Systems with Unknown Control Coefficient and Actuator Fault. Complexity, 2021, 2021, 1-11.	1.6	3
85	An improved patch-based regularization method for PET image reconstruction. Quantitative Imaging in Medicine and Surgery, 2021, 11, 556-570.	2.0	3
86	Adaptive fuzzy finite-time control of stochastic nonlinear systems with actuator faults. Nonlinear Dynamics, 2021, 104, 523-536.	5.2	31
87	Adaptive finite-time prescribed performance control for stochastic nonlinear systems with unknown virtual control coefficients. Nonlinear Dynamics, 2021, 104, 3655-3670.	5.2	20
88	Adaptive Practical Fixed-Time Tracking Control With Prescribed Boundary Constraints. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1716-1726.	5.4	34
89	Observer-Based Fuzzy Adaptive Command Filtering Finite-Time Control of Stochastic Nonlinear Systems. , 2021, , .		0
90	A multiple learning moth flame optimization algorithm with probability-based chaotic strategy for the parameters estimation of photovoltaic models. Journal of Renewable and Sustainable Energy, 2021, 13, .	2.0	5

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91	Hybrid dilation and attention residual U-Net for medical image segmentation. Computers in Biology and Medicine, 2021, 134, 104449.	7.0	75
92	IBA-U-Net: Attentive BConvLSTM U-Net with Redesigned Inception for medical image segmentation. Computers in Biology and Medicine, 2021, 135, 104551.	7.0	20
93	A TSK-Type Convolutional Recurrent Fuzzy Network for Predicting Driving Fatigue. IEEE Transactions on Fuzzy Systems, 2021, 29, 2100-2111.	9.8	27
94	A new rendering algorithm based on multi-space for living soft tissue. Computers and Graphics, 2021, 98, 242-254.	2.5	2
95	Command filter-based adaptive fuzzy decentralized control for large-scale nonlinear systems. Nonlinear Dynamics, 2021, 105, 3239-3253.	5.2	18
96	Adaptive fuzzy finite-time decentralized control for large-scale stochastic nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2021, 35, 2025-2039.	4.1	7
97	Spiral-based chaotic chicken swarm optimization algorithm for parameters identification of photovoltaic models. Soft Computing, 2021, 25, 12875-12898.	3.6	12
98	MHSU-Net: A more versatile neural network for medical image segmentation. Computer Methods and Programs in Biomedicine, 2021, 208, 106230.	4.7	11
99	An Adaptive Fault-tolerant Control Method for Robot Manipulators. International Journal of Control, Automation and Systems, 2021, 19, 3983-3995.	2.7	8
100	Second-order adaptive integral terminal sliding mode approach to tracking control of robotic manipulators. IET Control Theory and Applications, 2021, 15, 2145-2157.	2.1	9
101	Adaptive Fuzzy Fast Finite-Time Dynamic Surface Tracking Control for Nonlinear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4337-4348.	5.4	80
102	3D Reconstruction of Unstructured Objects Using Information From Multiple Sensors. IEEE Sensors Journal, 2021, 21, 26951-26963.	4.7	6
103	Command Filtered Tracking Control for High-order Systems with Limited Transmission Bandwidth. , 2021, , .		0
104	Design and Implementation of the Wood Knot Recognition System Based on Matlab GUI. , 2021, , .		0
105	A decomposition-based multi-time dimension long short-term memory model for short-term electric load forecasting. IET Generation, Transmission and Distribution, 2021, 15, 3459-3473.	2.5	3
106	Iterative scheme-inspired network for impulse noise removal. Pattern Analysis and Applications, 2020, 23, 135-145.	4.6	9
107	A New Deformation Model of Brain Tissues for Neurosurgical Simulation. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1251-1258.	4.7	17
108	Adaptive Fuzzy Finite-Time Control of Nonlinear Systems With Actuator Faults. IEEE Transactions on Cybernetics, 2020, 50, 1786-1797.	9.5	205

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109	Adaptive Fuzzy Tracking Control of Flexible-Joint Robots Based on Command Filtering. IEEE Transactions on Industrial Electronics, 2020, 67, 4046-4055.	7.9	112
110	Finite-Time Feedforward Decoupling and Precise Decentralized Control for DC Microgrids Towards Large-Signal Stability. IEEE Transactions on Smart Grid, 2020, 11, 391-402.	9.0	35
111	Neural-network-based tracking Control for a Class of time-delay nonlinear systems with unmodeled dynamics. Neurocomputing, 2020, 396, 179-190.	5.9	17
112	Event-triggered adaptive tracking control for uncertain nonlinear systems based on a new funnel function. ISA Transactions, 2020, 99, 130-138.	5.7	44
113	Highly undersampled magnetic resonance imaging reconstruction using autoencoding priors. Magnetic Resonance in Medicine, 2020, 83, 322-336.	3.0	44
114	Distributed Synchronization Control of Nonaffine Multiagent Systems With Guaranteed Performance. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1571-1580.	11.3	23
115	Adaptive Neural Output-Feedback Decentralized Control for Large-Scale Nonlinear Systems With Stochastic Disturbances. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 972-983.	11.3	167
116	Multi-Channel and Multi-Model-Based Autoencoding Prior for Grayscale Image Restoration. IEEE Transactions on Image Processing, 2020, 29, 142-156.	9.8	25
117	Adaptive finite-time congestion controller design of TCP/AQM systems based on neural network and funnel control. Neural Computing and Applications, 2020, 32, 9471-9478.	5.6	17
118	Finite-time attitude tracking control for rigid spacecraft with actuator failures and saturation constraints. International Journal of Robust and Nonlinear Control, 2020, 30, 1903-1937.	3.7	20
119	Cutting procedures with improved visual effects and haptic interaction for surgical simulation systems. Computer Methods and Programs in Biomedicine, 2020, 184, 105270.	4.7	13
120	Natural Human-Robot Interface Using Adaptive Tracking System with the Unscented Kalman Filter. IEEE Transactions on Human-Machine Systems, 2020, 50, 42-54.	3.5	10
121	Event-triggering based adaptive neural tracking control for a class of pure-feedback systems with finite-time prescribed performance. Neurocomputing, 2020, 382, 221-232.	5.9	23
122	Adaptive tracking control of high-order nonlinear systems under asymmetric output constraint. Automatica, 2020, 122, 109281.	5.0	30
123	Event-triggered adaptive finite-time prescribed performance tracking control for uncertain nonlinear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 8449-8468.	3.7	11
124	Estimator-Based Control for Pure-Feedback Systems With Incomplete Measurements. IEEE Access, 2020, 8, 119840-119847.	4.2	0
125	Linear-Model-Inspired Neural Network for Electromagnetic Inverse Scattering. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1536-1540.	4.0	12
126	Observer-Based Adaptive Fuzzy Tracking Control for a Class of Strict-Feedback Systems with Event-Triggered Strategy and Tan-type Barrier Lyapunov Function. International Journal of Fuzzy Systems, 2020, 22, 2534-2545.	4.0	7

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127	Adaptive Fuzzy Fast Finite-Time Tracking Control for Nonlinear Systems in Pure-Feedback Form with Unknown Disturbance. <i>Complexity</i> , 2020, 2020, 1-11.	1.6	2
128	A Novel Path Planner for Steerable Bevel-Tip Needles to Reach Multiple Targets With Obstacles. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 7636-7645.	4.7	7
129	A diffeomorphic unsupervised method for deformable soft tissue image registration. <i>Computers in Biology and Medicine</i> , 2020, 120, 103708.	7.0	8
130	Adaptive fuzzy funnel control for nonlinear systems with input deadzone and saturation. <i>International Journal of Systems Science</i> , 2020, 51, 1542-1555.	5.5	15
131	Fixed-time adaptive event-triggered tracking control of uncertain nonlinear systems. <i>Nonlinear Dynamics</i> , 2020, 100, 3381-3397.	5.2	32
132	Event-triggered finite-time adaptive neural control for nonlinear non-strict-feedback time-delay systems with disturbances. <i>Information Sciences</i> , 2020, 536, 1-24.	6.9	32
133	MRI denoising using progressively distribution-based neural network. <i>Magnetic Resonance Imaging</i> , 2020, 71, 55-68.	1.8	26
134	Modeling of connective tissue damage for blunt dissection of brain tumor in neurosurgery simulation. <i>Computers in Biology and Medicine</i> , 2020, 120, 103696.	7.0	7
135	Online Robot Kinematic Calibration Using Hybrid Filter With Multiple Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 7092-7107.	4.7	32
136	Distribution-Transformed Network for Impulse Noise Removal. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2020, 26, 543.	0.9	2
137	An Automatic Registration Approach to Laser Point Sets Based on Multidiscriminant Parameter Extraction. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 9449-9464.	4.7	9
138	Single View 3D Reconstruction Based on Improved RGB-D Image. <i>IEEE Sensors Journal</i> , 2020, 20, 12049-12056.	4.7	9
139	Adaptive fault tolerant control for a class of uncertain fractional-order systems based on disturbance observer. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 3436-3450.	3.7	15
140	Adaptive finite-time tracking control for robotic manipulators with funnel boundary. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020, 34, 575-589.	4.1	18
141	Densely connected network for impulse noise removal. <i>Pattern Analysis and Applications</i> , 2020, 23, 1263-1275.	4.6	13
142	Natural Human-Machine Interface With Gesture Tracking and Cartesian Platform for Contactless Electromagnetic Force Feedback. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 6868-6879.	11.3	8
143	Congestion Tracking Control for Wireless TCP/AQM Network Based on Adaptive Integral Backstepping. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 2289-2296.	2.7	5
144	Congestion tracking control for multi-router TCP/AQM network based on integral backstepping. <i>Computer Networks</i> , 2020, 175, 107278.	5.1	14

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145	Deep learning for face image synthesis and semantic manipulations: a review and future perspectives. <i>Artificial Intelligence Review</i> , 2020, 53, 5847-5880.	15.7	15
146	A morphing-Based 3D point cloud reconstruction framework for medical image processing. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 193, 105495.	4.7	20
147	Almost Disturbance Decoupling for a Class of Fractional-Order Nonlinear Systems with Zero Dynamics. <i>Complexity</i> , 2020, 2020, 1-13.	1.6	2
148	Fractional-order adaptive nonsingular fast terminal sliding mode control with time delay estimation for robotic manipulators. <i>IET Control Theory and Applications</i> , 2020, 14, 2556-2565.	2.1	20
149	A Comparative Study of Unsupervised Deep Learning Methods for MRI Reconstruction. <i>Investigative Magnetic Resonance Imaging</i> , 2020, 24, 179.	0.4	3
150	High-dimensional embedding network derived prior for compressive sensing MRI reconstruction. <i>Medical Image Analysis</i> , 2020, 64, 101717.	11.6	14
151	Variable augmented neural network for decolorization and multi-exposure fusion. <i>Information Fusion</i> , 2019, 46, 114-127.	19.1	38
152	A Novel Finite-Time Adaptive Fuzzy Tracking Control Scheme for Nonstrict Feedback Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 646-658.	9.8	132
153	Positron emission tomography image reconstruction using feature extraction. <i>Journal of X-Ray Science and Technology</i> , 2019, 27, 949-963.	1.0	1
154	A Fiber Bragg Grating Sensing Structure for the Design, Simulation and Stress Strain Monitoring of Human Puncture Surgery. <i>Sensors</i> , 2019, 19, 3066.	3.8	4
155	Adaptive finite-time dynamic surface tracking control of nonaffine nonlinear systems with dead zone. <i>Neurocomputing</i> , 2019, 366, 66-73.	5.9	18
156	RBFNN-based nonsingular fast terminal sliding mode control for robotic manipulators including actuator dynamics. <i>Neurocomputing</i> , 2019, 362, 72-82.	5.9	51
157	Adaptive prescribed performance tracking control for strict-feedback nonlinear systems with zero dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 6507-6521.	3.7	31
158	A mixed-depth visual rendering method for bleeding simulation. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019, 6, 917-925.	13.1	7
159	A Comparative Study of CNN-Based Super-Resolution Methods in MRI Reconstruction. , 2019, , .		2
160	A new volumetric geometric model for cutting procedures in surgical simulation. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 178, 77-84.	4.7	7
161	Adaptive fuzzy funnel congestion control for TCP/AQM network. <i>ISA Transactions</i> , 2019, 95, 11-17.	5.7	37
162	Udwadia-Kalaba Approach for Three Link Manipulator Dynamics With Motion Constraints. <i>IEEE Access</i> , 2019, 7, 49240-49250.	4.2	10

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163	Observer-based adaptive fuzzy funnel control for strict-feedback nonlinear systems with unknown control coefficients. <i>Neurocomputing</i> , 2019, 358, 467-478.	5.9	26
164	An Approach to the Dynamics and Control of Uncertain Robot Manipulators. <i>Algorithms</i> , 2019, 12, 66.	2.1	5
165	Adaptive fuzzy finite-time fault-tolerant funnel control of nonlinear systems with actuators failures. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401984546.	1.6	3
166	Disturbance Observer Based on Biologically Inspired Integral Sliding Mode Control for Trajectory Tracking of Mobile Robots. <i>IEEE Access</i> , 2019, 7, 48382-48391.	4.2	18
167	Sliding Mode Control for a Surgical Teleoperation System via a Disturbance Observer. <i>IEEE Access</i> , 2019, 7, 43383-43393.	4.2	15
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