

Yong Chen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9374533/yong-chen-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

744
citations

14
h-index

22
g-index

158
ext. papers

1,106
ext. citations

3.9
avg, IF

5.42
L-index

#	Paper	IF	Citations
114	Robust Adaptive Sliding Mode Control for Switched Networked Control Systems With Disturbance and Faults. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 193-204	11.9	73
113	Robust Tracking Control of Networked Control Systems With Communication Constraints and External Disturbance. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4037-4047	8.9	53
112	. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 4026-4037	7	39
111	Faults and Diagnosis Methods of Permanent Magnet Synchronous Motors: A Review. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2116	2.6	34
110	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2882-2894	11.9	24
109	Improved SIFT image registration algorithm on characteristic statistical distributions and consistency constraint. <i>Optik</i> , 2016 , 127, 900-911	2.5	22
108	Wide-Area Robust Sliding Mode Controller for Power Systems With False Data Injection Attacks. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 922-930	10.7	20
107	Event-Triggered Robust Adaptive Sliding Mode Fault-Tolerant Control For Nonlinear Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6982-6992	11.9	20
106	Fault Detection of Stator Inter-Turn Short-Circuit in PMSM on Stator Current and Vibration Signal. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1677	2.6	19
105	Dynamic Event-Based Model Predictive Load Frequency Control for Power Systems Under Cyber Attacks. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 715-725	10.7	18
104	Open-Switch Fault Diagnosis Method in Voltage-Source Inverters Based on Phase Currents. <i>IEEE Access</i> , 2019 , 7, 63619-63625	3.5	17
103	Challenging research for networked control systems: A survey. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 2400-2418	1.8	15
102	Robust Time-varying H _∞ Control for Networked Control System with Uncertainties and External Disturbance. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2125-2135	2.9	15
101	Series-Capacitor-Based Buck PFC Converter With High Power Factor and Ultrahigh Step-Down Conversion Ratio. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 6895-6905	8.9	14
100	Online adaptive parameter identification of PMSM based on the dead-time compensation. <i>International Journal of Electronics</i> , 2015 , 102, 1132-1150	1.2	13
99	Adaptive tracking control for networked control systems of intelligent vehicle. <i>Information Sciences</i> , 2019 , 503, 493-507	7.7	13
98	Adaptive fast sliding mode fault tolerant control integrated with disturbance observer for spacecraft attitude stabilization system. <i>ISA Transactions</i> , 2019 , 94, 1-9	5.5	12

97	Fuzzy robust fault-tolerant control for offshore ship-mounted crane system. <i>Information Sciences</i> , 2020 , 526, 119-132	7.7	12
96	Sliding mode predictive tracking control for DC permanent magnet motor in NCSs with random delay and packet dropouts. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 2723-2732 ⁹	2.9	12
95	Robust adaptive controller with disturbance observer for vehicular radar servo system. <i>International Journal of Control, Automation and Systems</i> , 2011 , 9, 169-175	2.9	12
94	Energy efficient walking control for biped robots using interval type-2 fuzzy logic systems and optimized iteration algorithm. <i>ISA Transactions</i> , 2019 , 87, 143-153	5.5	12
93	A sliding mode speed and position observer for a surface-mounted PMSM. <i>ISA Transactions</i> , 2019 , 87, 17-27	5.5	12
92	Fault-Tolerant Control Strategy for Five-Phase PMSM With Third-Harmonic Current Injection. <i>IEEE Access</i> , 2018 , 6, 58501-58509	3.5	12
91	Adaptive Fuzzy Control for Teleoperation System with Uncertain Kinematics and Dynamics. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1158-1166	2.9	11
90	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2019 , 7, 1272-1285	5.6	11
89	Sliding Mode Fault Tolerant Tracking Control for a Single-Link Flexible Joint Manipulator System. <i>IEEE Access</i> , 2019 , 7, 83046-83057	3.5	11
88	An Efficient and Provably Secure ECC-Based Conditional Privacy-Preserving Authentication for Vehicle-to-Vehicle Communication in VANETs. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1278-1291 ^{6,8}	6.8	11
87	Design and implementation of a virtual capacitor based DC current suppression method for grid-connected inverters. <i>ISA Transactions</i> , 2019 , 92, 257-272	5.5	10
86	Fractional-order sliding mode position tracking control for servo system with disturbance. <i>ISA Transactions</i> , 2020 , 105, 269-277	5.5	9
85	Asynchronous control strategy for semi-Markov switched system and its application. <i>Information Sciences</i> , 2020 , 532, 125-138	7.7	9
84	An intelligent dc current minimization method for transformerless grid-connected photovoltaic inverters. <i>ISA Transactions</i> , 2019 , 88, 268-279	5.5	8
83	Adaptive fault tolerant control for time-varying delay system with actuator fault and mismatched disturbance. <i>ISA Transactions</i> , 2019 , 89, 122-130	5.5	8
82	Current observer-based online open-switch fault diagnosis for voltage-source inverter. <i>ISA Transactions</i> , 2020 , 99, 445-453	5.5	8
81	. <i>IEEE Access</i> , 2018 , 6, 59383-59393	3.5	8
80	Sparse Representation and SVM Diagnosis Method Inter-Turn Short-Circuit Fault in PMSM. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 224	2.6	7

79	Dynamic surface methodBased adaptive backstepping control for the permanent magnet synchronous motor on parameter identification. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2019 , 233, 1172-1181	1	6
78	A novel method of object detection from a moving camera based on image matching and frame coupling. <i>PLoS ONE</i> , 2014 , 9, e109809	3.7	6
77	Study and design of a novel three-phase bridgeless boost power factor correction. <i>IET Power Electronics</i> , 2014 , 7, 2013-2021	2.2	6
76	Application of Improved Bridgeless Power Factor Correction Based on One-cycle Control in Electric Vehicle Charging System. <i>Electric Power Components and Systems</i> , 2014 , 42, 112-123	1	6
75	Terminal sliding mode control of permanent magnet synchronous motor based on the reaching law. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2020 , 234, 849-859	1	6
74	Improving the Accuracy of Fault Frequency by Means of Local Mean Decomposition and Ratio Correction Method for Rolling Bearing Failure. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1888	2.6	5
73	Wide-area Stabiliser on Sliding Mode Control for Cross-area Power Systems with Random Delay and Packet Dropouts. <i>Asian Journal of Control</i> , 2018 , 20, 2130-2142	1.7	5
72	Bilinear Pairing-Based Hybrid Signcryption for Secure Heterogeneous Vehicular Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 5974-5989	6.8	5
71	Overview of landmarks for autonomous, vision-based landing of unmanned helicopters. <i>IEEE Aerospace and Electronic Systems Magazine</i> , 2016 , 31, 14-27	2.4	4
70	Design and Implementation of a Power System Sensor Network for Wide-Area Measurement 2008 ,		4
69	Adaptive sliding-mode tracking control of networked control systems with false data injection attacks. <i>Information Sciences</i> , 2022 , 585, 194-208	7.7	4
68	Observer-based adaptive threshold diagnosis method for open-switch faults of voltage source inverters. <i>Journal of Power Electronics</i> , 2020 , 20, 1573-1582	0.9	4
67	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	4
66	Asymmetric phase shift modulation strategy of DAB converters for improved Light load Efficiency. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	4
65	Stability Analysis of Complex Network Control System With Dynamical Topology and Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	3
64	Sensorless control at low speed based on HF signal injection and a new signal processing method 2017 ,		3
63	High Power Factor Light-emitting Diode Driver on Digital Signal Processor Without Electrolytic Capacitor for High-power Lighting. <i>Electric Power Components and Systems</i> , 2015 , 43, 83-94	1	3
62	Sliding-mode secure control for jump cyberphysical systems with malicious attacks. <i>Journal of the Franklin Institute</i> , 2021 , 358, 3424-3440	4	3

61	Voltage Balancing Method on Expert System for 51-Level MMC in High Voltage Direct Current Transmission. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-6	1.1	3
60	Designing of power system stabilizer based on neural-like P systems. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2020 , 234, 199-210	1	3
59	Resilient Predictive Control for Cyber-Physical Systems under Denial-of-Service Attacks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	3
58	Four-Dimensional Space Vector PWM Strategy for Five-Phase Voltage Source Inverter. <i>IEEE Access</i> , 2019 , 7, 59013-59021	3.5	2
57	Soft switching high step-down series-capacitor based converter with coupled-inductor technique. <i>Journal of Power Electronics</i> , 2020 , 20, 873-883	0.9	2
56	A predictive control method for networked control systems with random delay and packet dropouts 2016 ,		2
55	Object detection and tracking with active camera on motion vectors of feature points and particle filter. <i>Review of Scientific Instruments</i> , 2013 , 84, 065109	1.7	2
54	Fuzzy PID control for landing gear based on magneto-rheological (MR) damper 2009 ,		2
53	A Novel Vehicle Safety Traffic Pre-warning Decision on Multi-sensor Information Fusion 2007 ,		2
52	Adaptive Sliding Mode Control of Robot Manipulators with System Failures. <i>Mathematics</i> , 2022 , 10, 339	2.3	2
51	Actuator Fault-Tolerant Control for Four-Wheel-Drive-by-Wire Electric Vehicle. <i>IEEE Transactions on Transportation Electrification</i> , 2021 , 1-1	7.6	2
50	Inverse Jacobian Adaptive Tracking Control of Robot Manipulators with Kinematic, Dynamic, and Actuator Uncertainties. <i>Complexity</i> , 2020 , 2020, 1-12	1.6	2
49	Adaptive Resilient Control for Interconnected Vehicular Platoon With Fault and Saturation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-13	6.1	2
48	A Fast Three-Dimensional Display Method for Time-Frequency Spectrogram Used in Embedded Fault Diagnosis Devices. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1930	2.6	2
47	Adaptive Fast Fault Location for Open-Switch Faults of Voltage Source Inverter. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3965-3974	3.9	2
46	Online Control for Biped Robot with Incremental Learning Mechanism. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8599	2.6	2
45	Reduced-order-asynchronous-based control for nonlinear jump networked systems with attacks. <i>Information Sciences</i> , 2021 , 577, 180-195	7.7	2
44	Hybrid Sliding-Mode Position-Tracking Control for Servo System With External Disturbance. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 5478-5488	5.6	2

43	An Intelligent Knowledge Extraction Framework for Recognizing Identification Information From Real-World ID Card Images. <i>IEEE Access</i> , 2019 , 7, 165448-165457	3.5	1
42	Matching Quality Detection System of Synchronizer Ring and Cone. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3622	2.6	1
41	2-Order discrete-time sliding-mode tracking control for DC motor in NCSs with random delay 2017 ,		1
40	Disturbance observer-based backstepping control for permanent magnet synchronous motor 2017 ,		1
39	Rectification control points selection method of triangle mesh in optical pressure measurement of wind-tunnel test. <i>Review of Scientific Instruments</i> , 2014 , 85, 085108	1.7	1
38	Tracking error and contouring error analysis of coordinated control in biaxial motion of radar servo system 2014 ,		1
37	Note: An object detection method for active camera. <i>Review of Scientific Instruments</i> , 2013 , 84, 096108	1.7	1
36	Fuzzy Radius Basis Function neural network based vector control of Permanent Magnet Synchronous Motor 2008 ,		1
35	An Artificial Neural Network Based on CIEA 2008 ,		1
34	Sliding Mode Resilient Control for TOD-based Servo System Under DoS Attack. <i>International Journal of Control, Automation and Systems</i> , 2022 , 20, 526-535	2.9	1
33	Adaptive-triggered asynchronous control for stochastic jumping systems under sliding mode. <i>International Journal of Control</i> , 1-10	1.5	1
32	MPC for the Cyber-Physical System with Deception Attacks 2020 ,		1
31	Improved hybrid fixed-frequency modulation strategy for series resonant converters for wide range applications. <i>Journal of Power Electronics</i> , 2021 , 21, 1270-1282	0.9	1
30	Robust Control of Networked System and Its Application. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 2622-2633	2.9	1
29	Event trigger-based adaptive sliding mode fault-tolerant control for dynamic systems. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	1
28	Sparse Haar-Like Feature and Image Similarity-Based Detection Algorithm for Circular Hole of Engine Cylinder Head. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2006	2.6	1
27	Event-based Networked Predictive Control Systems with Secure Transmission Protocol. <i>International Journal of Control, Automation and Systems</i> , 2022 , 20, 1076-1086	2.9	1
26	A Simplified Method for Extracting Parasitic Inductances of MOSFET-Based Half-Bridge Circuit. <i>IEEE Access</i> , 2021 , 9, 14122-14129	3.5	0

25	Bipedal walking pattern generation and control for humanoid robot with bivariate stability margin optimization. <i>Advances in Mechanical Engineering</i> , 2018 , 10, 168781401880088	1.2	0
24	FHOSM Tolerant Control for Networked Control Systems with Disturbances and Faults. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 3049-3061	2.9	0
23	Adaptive Finite-Time Tracking Control of Robot Manipulators With Multiple Uncertainties Based on a Low-Cost Neural Approximator. <i>Journal of the Franklin Institute</i> , 2022 , 359, 4938-4938	4	0
22	Online Identification Methods of Load Rotary Inertia and Torque in Radar Servo System. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-8	1.1	
21	Robust Image Matching Algorithm Using SIFT on Multiple Layered Strategies. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-12	1.1	
20	Probabilistic Reactive Power Optimization of Distribution Network Considering Stochastic Wind Speed and Load. <i>Advanced Materials Research</i> , 2013 , 684, 676-679	0.5	
19	ADP-based Remote Secure Control for Networked Control Systems under Unknown Nonlinear Attacks in Sensor and Actuator. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	
18	An ECC-Based Conditional Privacy-Preserving Authentication Scheme for Vehicle-to-Vehicle Communications 2022 , 121-146		
17	CLC- and PKI-based Hybrid Signcryption Scheme Using Bilinear Pairing for Secure Heterogeneous Vehicle-to-Infrastructure Communications 2022 , 201-230		
16	Sliding mode control for direct current motor system with multi-channels and external disturbances. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 095965182110559	1	
15	Comprehensive analysis of asymmetric modulated Dual-Active-Bridge converter and its Hybrid control strategy. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	
14	High-Order Sliding-Mode Tracking Control of Networked Systems with Communication Constraints 2022 , 71-100		
13	Finite-Time Sliding-Mode Tracking Control for Networked Systems with Faults and Disturbances 2022 , 121-139		
12	Robust Sliding-Mode Tracking Control for NCSs with Random Delay and Packet Dropouts 2022 , 55-70		
11	Related Background and Pre-knowledge 2022 , 1-28		
10	Fast Sliding-Mode Tracking Control for Networked Systems with Actuator Faults 2022 , 101-119		
9	Terminal Integral Sliding-Mode Tracking Control for Networked Systems with False Data Injection (FDI) Attacks 2022 , 175-192		
8	Resilient Sliding-Mode Tracking Control for Networked Systems with DoS Attack 2022 , 159-173		

- | | | |
|---|---|-----|
| 7 | Super-Twisting Sliding-Mode Tracking Control for Networked Systems with Multi-Channels Transmission 2022 , 141-158 | |
| 6 | Adaptive Sliding-Mode Tracking Control for Networked Systems with Network-Induced Disturbance 2022 , 29-54 | |
| 5 | Expert System-Based EMI Modeling Method for IGBT in Electric Drive System of EV. <i>IEEE Access</i> , 2021 , 9, 42688-42696 | 3·5 |
| 4 | Optimal Control, Safety Technology, and Electromagnetic Compatibility in the Driving System of Electric Vehicle. <i>Journal of Control Science and Engineering</i> , 2018 , 2018, 1-2 | 1·2 |
| 3 | Dynamic Memory Event-Triggered Adaptive Control for a Class of Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1 | 3·5 |
| 2 | Electromagnetic interference shielding performance calculate model for double layer shielded cable connector in EV. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2022 , 1-12 | 0·4 |
| 1 | Pareto Multiobjective Lyapunov-Based Economic Model-Predictive Control for Nonlinear Time-Delayed System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-10 | 7·3 |