

Chaoyong Li

List of Publications by Year in descending order

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85
papers

1,364
citations

361045

20
h-index

360668

35
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85
all docs

85
docs citations

85
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Event-Triggered Secondary Control for Islanded Microgrids With Proper Trigger Condition Checking Period. IEEE Transactions on Smart Grid, 2022, 13, 837-848.	6.2	23
2	Sample data game strategy for active rendezvous with disturbance rejection. Aerospace Science and Technology, 2022, 121, 107358.	2.5	7
3	Distributed Game Strategy for Formation Flying of Multiple Spacecraft With Disturbance Rejection. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 119-128.	2.6	34
4	Distributed Dynamic Averaging Tracking Without Rate Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4359-4364.	5.9	2
5	A FDI Attack-Resilient Distributed Secondary Control Strategy for Islanded Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 1929-1938.	6.2	76
6	Distributed Spectrum Cartography for Cognitive Radio Network with Convex Optimization. , 2021, , .		1
7	Continuous-time distributed Nash strategy over switching topologies with gain adaptation. Systems and Control Letters, 2021, 153, 104955.	1.3	8
8	An optimal task management and control scheme for military operations with dynamic game strategy. Aerospace Science and Technology, 2021, 115, 106815.	2.5	16
9	Reinforcement learning strategy for spacecraft attitude hyperagile tracking control with uncertainties. Aerospace Science and Technology, 2021, 119, 107126.	2.5	17
10	Lightweight implementation of natural vibration frequency adjustment of satellite structures by varying the structural stiffness. Aerospace Science and Technology, 2021, 118, 107061.	2.5	2
11	Mission planning for Earth observation satellite with competitive learning strategy. Aerospace Science and Technology, 2021, 118, 107047.	2.5	17
12	Performance Evaluation of Multiple Missiles Based on Information Entropy and IAHP. , 2021, , .		0
13	Cooperative Tracking of Hypersonic Target with Bearing-Only Measurements. , 2021, , .		0
14	Entry Trajectory Optimization With Virtual Motion Camouflage Principle. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 2527-2536.	2.6	23
15	Resilient consensus of multi-agent systems against malicious data injections. Journal of the Franklin Institute, 2020, 357, 2217-2231.	1.9	13
16	Adaptive parameter identification based nadir-pointing control of spacecraft with misaligned rotational component. Acta Astronautica, 2020, 173, 202-211.	1.7	7
17	Time-optimal Path Planning for Autonomous Vehicles Based on Bi-Level Programming. , 2020, , .		1
18	Attitude control of rigid spacecraft with predefined-time stability. Journal of the Franklin Institute, 2020, 357, 4212-4221.	1.9	62

#	ARTICLE	IF	CITATIONS
19	Automatic Scheduling for Earth Observation Satellite With Temporal Specifications. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3162-3169.	2.6	18
20	Voltage regulation and current sharing for multi-bus DC microgrids. IFAC-PapersOnLine, 2020, 53, 13018-13023.	0.5	2
21	An Improved Defect Detection Method for Substation Equipment. , 2020, , .		3
22	Attitude recovery scheme of magnetically controlled satellite with constant thrust. Aerospace Science and Technology, 2019, 93, 105308.	2.5	4
23	An Improved Faster R-CNN for Devices Detection in Railway 4C System. , 2019, , .		6
24	Vision-based crater and rock detection using a cascade decision forest. IET Computer Vision, 2019, 13, 549-555.	1.3	6
25	Distributed Kalman filtering for sensor network with balanced topology. Systems and Control Letters, 2019, 131, 104500.	1.3	27
26	Distributed formation control with open-loop Nash strategy. Automatica, 2019, 106, 266-273.	3.0	25
27	Distributed finite-time estimation of the bounds on algebraic connectivity for directed graphs. Automatica, 2019, 107, 289-295.	3.0	17
28	Distributed multi-step subgradient optimization for multi-agent system. Systems and Control Letters, 2019, 128, 26-33.	1.3	8
29	Dynamic average consensus with topology balancing under a directed graph. International Journal of Robust and Nonlinear Control, 2019, 29, 3014-3026.	2.1	5
30	Optimal Dynamic Average Consensus of Multi-Agent Systems. IFAC-PapersOnLine, 2019, 52, 179-183.	0.5	1
31	Adaptive Control of Novel Configuration with Moving Mass. IFAC-PapersOnLine, 2019, 52, 508-513.	0.5	1
32	Adaptive control of underactuated flight vehicles with moving mass. Aerospace Science and Technology, 2019, 85, 75-84.	2.5	40
33	Cooperative control of high-order nonlinear systems with unknown control directions. Systems and Control Letters, 2018, 113, 101-108.	1.3	50
34	Game theory-based optimal deloading control of wind turbines under scalable structures of wind farm. IET Cyber-Physical Systems: Theory and Applications, 2018, 3, 224-231.	1.9	6
35	ADRC-based Longitudinal Control for Novel Flight Vehicle with Moving Mass. , 2018, , .		1
36	A Multi-agent Formation Control Algorithm in Interference Environment. , 2018, , .		0

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37	A survey on moving mass control technology. Aerospace Science and Technology, 2018, 82-83, 594-606.	2.5	88
38	Source Seeking of Multi-UAV with Obstacle Avoidance. , 2018, , .		1
39	Nonlinear optimal control with disturbance rejection for asteroid landing. Journal of the Franklin Institute, 2018, 355, 8027-8048.	1.9	5
40	A general memristor-based pulse coupled neural network with variable linking coefficient for multi-focus image fusion. Neurocomputing, 2018, 308, 172-183.	3.5	60
41	Progressive Image Retrieval With Quality Guarantee Under MapReduce Framework. IEEE Access, 2018, 6, 44685-44697.	2.6	5
42	Robust Adaptive Iterative Learning Control for Discrete-Time Nonlinear Systems With Time-Iteration-Varying Parameters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1737-1745.	5.9	105
43	Attitude control for flexible spacecraft with swinging components. , 2017, , .		0
44	Output synchronization of multiple FOSMIB power systems. , 2017, , .		0
45	Chaos synchronization for uncertain fractional order chaotic systems based on Mittag-Leffler fractional sliding mode control. , 2017, , .		0
46	Formation Control of Multi-UAV Systems using Zeroing Dynamics Method. , 2017, , .		0
47	A distributed coverage algorithm for multi-UAV with average Voronoi partition. , 2017, , .		8
48	UAVs cooperative attack based on archimedes spiral. , 2017, , .		2
49	Cooperative extremum seeking for power availability detection of photovoltaic cluster. , 2017, , .		0
50	An iteration-varying dead-zone based robust adaptive ILC for discrete-time nonlinear systems with uncertainties. , 2017, , .		0
51	Distributed Emergency Power Dispatch based on Averaged Voronoi Partition. , 2017, , .		0
52	Direct learning control of trajectories subject to high-order internal model for a class of continuous-time linear systems. , 2017, , .		1
53	Source seeking of UAV via adaptive extremum seeking without steady-state oscillation. , 2017, , .		2
54	A Holistic Vision-based Hazard Detection Framework for Asteroid Landings. IFAC-PapersOnLine, 2016, 49, 218-223.	0.5	3

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55	Distributed Estimation and Secondary Control of Autonomous Microgrid. IEEE Transactions on Power Systems, 2016, , 1-1.	4.6	25
56	Multiple Memristor Circuit Parametric Fault Diagnosis Using Feedback-Control Doublet Generator. IEEE Access, 2016, 4, 2604-2614.	2.6	15
57	Distributed extremum seeking and formation control for nonholonomic mobile network. Systems and Control Letters, 2015, 75, 27-34.	1.3	31
58	Distributed QoS awareness in satellite communication network with optimal routing (QuASOR). , 2014, , .		3
59	Cooperative control with distributed gain adaptation and connectivity estimation for directed networks. International Journal of Robust and Nonlinear Control, 2014, 24, 450-476.	2.1	41
60	Distributed finite-time consensus of nonlinear systems under switching topologies. Automatica, 2014, 50, 1626-1631.	3.0	96
61	Sunâ€™Earthâ€™Moon autonomous orbit determination for quasi-periodic orbit about the translunar libration point and its observability analysis. Aerospace Science and Technology, 2013, 28, 289-296.	2.5	17
62	Distributed estimation of algebraic connectivity of directed networks. Systems and Control Letters, 2013, 62, 517-524.	1.3	41
63	A New Parameterized Guidance Law for Cooperative Air Defense. , 2012, , .		12
64	Enhanced protection against false data injection by dynamically changing information structure of microgrids. , 2012, , .		26
65	Time-shared scheme design for attitude control system during space separation. Aerospace Science and Technology, 2011, 15, 108-116.	2.5	9
66	Distributed extremum seeking and cooperative control for mobile communication. , 2011, , .		12
67	Cooperative control based on distributed estimation of network connectivity. , 2011, , .		1
68	COOPERATIVE ATTITUDE SYNCHRONIZATION FOR RIGID-BODY SPACECRAFT VIA VARYING COMMUNICATION TOPOLOGY. International Journal of Robotics and Automation, 2011, 26, .	0.1	4
69	Gain-Varying Guidance Algorithm using Differential Geometric Guidance Command. IEEE Transactions on Aerospace and Electronic Systems, 2010, 46, 725-736.	2.6	23
70	Cooperative control with improvable network connectivity. , 2010, , .		2
71	Attitude recovery for microsatellite via magnetic torque. , 2009, , .		0
72	Decentralized cooperative control for multivehicle formation without velocity measurement. , 2009, , .		4

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73	Adaptive backstepping-based flight control system using integral filters. Aerospace Science and Technology, 2009, 13, 105-113.	2.5	95
74	Geometric approach to capture analysis of PN guidance law. Aerospace Science and Technology, 2008, 12, 177-183.	2.5	22
75	Analysis of 3D Geometric Guidance Problem. Transactions of the Japan Society for Aeronautical and Space Sciences, 2008, 51, 124-129.	0.4	3
76	Development of flight control system for 2D differential geometric guidance and control problem. Aircraft Engineering and Aerospace Technology, 2007, 79, 60-68.	0.8	3
77	Fuzzy PID controller for 2D differential geometric guidance and control problem. IET Control Theory and Applications, 2007, 1, 564-571.	1.2	26
78	Application of PID controller to 2D differential geometric guidance problem. Journal of Control Theory and Applications, 2007, 5, 285-290.	0.8	6
79	A Novel Approach to the 2D Differential Geometric Guidance Problem. Transactions of the Japan Society for Aeronautical and Space Sciences, 2007, 50, 34-40.	0.4	12
80	New Results on Three-dimensional Differential Geometric Guidance and Control Problem. , 2006, , .		5
81	Application of PID Controller to 2D Differential Geometric Guidance and Control Problem. , 2006, , .		1
82	Iterative solution to differential geometric guidance problem. Aircraft Engineering and Aerospace Technology, 2006, 78, 415-425.	0.8	18
83	Analytical Solution to 3D Differential Geometric Guidance Problem. , 0, , .		1
84	Application of 2D Differential Geometric Guidance to Tactical Missile Interception. , 0, , .		1
85	Iterative Solution to Three-dimensional Differential Geometric Guidance Problem. , 0, , .		0