

An-Min Zou

List of Publications by Year in descending order

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58
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3,099
citations

172207

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docs citations

62
times ranked

1739
citing authors

#	ARTICLE	IF	CITATIONS
1	Predefined-Time Predefined-Bounded Attitude Tracking Control for Rigid Spacecraft. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 464-472.	2.6	56
2	Velocity-free fixed-time attitude cooperative control for spacecraft formations under directed graphs. International Journal of Robust and Nonlinear Control, 2021, 31, 2905-2927.	2.1	20
3	Stabilization of Networked Systems with Asynchronous Sensors and Controllers: the Random Clock Offsets Case. , 2021, , .		0
4	Output Feedback Tracking Control for Second-Order Nonlinear Systems in Predefined Time. , 2021, , .		2
5	A Hybrid Deep Neural Network Model for Stock Prediction. , 2021, , .		0
6	Fixed-Time Attitude Tracking Control for Rigid Spacecraft Without Angular Velocity Measurements. IEEE Transactions on Industrial Electronics, 2020, 67, 6795-6805.	5.2	59
7	Distributed fixed-time attitude coordination control for multiple rigid spacecraft. International Journal of Robust and Nonlinear Control, 2020, 30, 266-281.	2.1	35
8	Fixed-time attitude tracking control for rigid spacecraft. Automatica, 2020, 113, 108792.	3.0	81
9	Finite-time spacecraft attitude control under input magnitude and rate saturation. Nonlinear Dynamics, 2020, 99, 2201-2217.	2.7	24
10	Finite-Time Resilient Consensus Tracking Control of Multi-Agent Systems. , 2020, , .		3
11	Disturbance Observer-Based Attitude Control for Spacecraft With Input MRS. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 384-396.	2.6	50
12	Fixed-Time Output Feedback Control for a Class of High-Order Nonlinear Systems. , 2019, , .		0
13	Fixed-time output-feedback consensus tracking control for second-order multiagent systems. International Journal of Robust and Nonlinear Control, 2019, 29, 4419-4434.	2.1	36
14	Finite-time attitude control for rigid spacecraft subject to actuator saturation. Nonlinear Dynamics, 2019, 96, 1017-1035.	2.7	37
15	Comments on "Adaptive tracking control of uncertain MIMO nonlinear systems with input constraints". Automatica, 2019, 100, 417-418.	3.0	4
16	Fixed-Time Output Feedback Control for a Class of Second-Order MIMO Nonlinear Systems. , 2018, , .		3
17	Spacecraft attitude control using two control torques. Information Sciences, 2017, 408, 23-40.	4.0	17
18	Finite-time attitude tracking control for rigid spacecraft with control input constraints. IET Control Theory and Applications, 2017, 11, 931-940.	1.2	41

#	ARTICLE	IF	CITATIONS
19	Distributed attitude synchronization control for a group of flexible spacecraft using only attitude measurements. <i>Information Sciences</i> , 2016, 343-344, 66-78.	4.0	44
20	Finite-time output feedback attitude control for rigid spacecraft under control input saturation. <i>Journal of the Franklin Institute</i> , 2016, 353, 4442-4470.	1.9	30
21	Distributed finite-time velocity-free attitude coordination control for spacecraft formations. <i>Automatica</i> , 2016, 67, 46-53.	3.0	193
22	Robust attitude tracking control of spacecraft under control input magnitude and rate saturations. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 799-815.	2.1	72
23	Robust stationkeeping and reconfiguration of underactuated spacecraft formations. <i>Acta Astronautica</i> , 2014, 105, 495-510.	1.7	27
24	Finite-Time Output Feedback Attitude Tracking Control for Rigid Spacecraft. <i>IEEE Transactions on Control Systems Technology</i> , 2014, 22, 338-345.	3.2	172
25	Distributed Attitude Synchronization and Tracking Control for Multiple Rigid Bodies. <i>IEEE Transactions on Control Systems Technology</i> , 2014, 22, 478-490.	3.2	52
26	Distributed consensus control for multi-agent systems using terminal sliding mode and Chebyshev neural networks. <i>International Journal of Robust and Nonlinear Control</i> , 2013, 23, 334-357.	2.1	77
27	Corrections to: "Distributed consensus control for multi-agent systems using terminal sliding mode and Chebyshev neural networks". <i>International Journal of Robust and Nonlinear Control</i> , 2013, 23, 358-358.	2.1	0
28	Correction to "Attitude coordination control for a group of spacecraft without velocity measurements" [Sep 12 1146-1159]. <i>IEEE Transactions on Control Systems Technology</i> , 2013, 21, 1044-1044.	3.2	2
29	A novel single thruster control strategy for spacecraft attitude stabilization. <i>Acta Astronautica</i> , 2013, 86, 55-67.	1.7	32
30	Quaternion-Based Distributed Output Feedback Attitude Coordination Control for Spacecraft Formation Flying. <i>Journal of Guidance, Control, and Dynamics</i> , 2013, 36, 548-556.	1.6	57
31	Attitude Coordination Control for a Group of Spacecraft Without Velocity Measurements. <i>IEEE Transactions on Control Systems Technology</i> , 2012, 20, 1160-1174.	3.2	89
32	Neural network-based adaptive output feedback formation control for multi-agent systems. <i>Nonlinear Dynamics</i> , 2012, 70, 1283-1296.	2.7	45
33	Robust Attitude Coordination Control for Spacecraft Formation Flying Under Actuator Failures. <i>Journal of Guidance, Control, and Dynamics</i> , 2012, 35, 1247-1255.	1.6	81
34	Neural Network-Based Distributed Attitude Coordination Control for Spacecraft Formation Flying With Input Saturation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012, 23, 1155-1162.	7.2	109
35	Distributed Attitude Coordination Control for Spacecraft Formation Flying. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2012, 48, 1329-1346.	2.6	138
36	Adaptive Output Feedback Control of Spacecraft Formation Flying Using Chebyshev Neural Networks. <i>Journal of Aerospace Engineering</i> , 2011, 24, 361-372.	0.8	15

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37	Finite-Time Attitude Tracking Control for Spacecraft Using Terminal Sliding Mode and Chebyshev Neural Network. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 950-963.	5.5	378
38	Adaptive fuzzy fault-tolerant attitude control of spacecraft. Control Engineering Practice, 2011, 19, 10-21.	3.2	117
39	Adaptive attitude control of spacecraft without velocity measurements using Chebyshev neural network. Acta Astronautica, 2010, 66, 769-779.	1.7	73
40	Charge State Determination of Peptide Tandem Mass Spectra Using Support Vector Machine (SVM). IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 552-558.	3.6	14
41	Quaternion-Based Adaptive Output Feedback Attitude Control of Spacecraft Using Chebyshev Neural Networks. IEEE Transactions on Neural Networks, 2010, 21, 1457-1471.	4.8	114
42	Robust Passivity-Based Adaptive Control Of A Nonholonomic Mobile Robot Using Fuzzy Logic. Intelligent Automation and Soft Computing, 2009, 15, 187-200.	1.6	1
43	Quality assessment of tandem mass spectra using support vector machine (SVM). BMC Bioinformatics, 2009, 10, S49.	1.2	9
44	Adaptive Control of an Electrically Driven Nonholonomic Mobile Robot via Backstepping and Fuzzy Approach. IEEE Transactions on Control Systems Technology, 2009, 17, 803-815.	3.2	202
45	A behavior controller based on spiking neural networks for mobile robots. Neurocomputing, 2008, 71, 655-666.	3.5	68
46	Multi-Agent Based Adaptive Consensus Control for Multiple Manipulators with Kinematic Uncertainties. , 2008, , .		50
47	Adaptive Control of a Class of Nonlinear Pure-Feedback Systems Using Fuzzy Backstepping Approach. IEEE Transactions on Fuzzy Systems, 2008, 16, 886-897.	6.5	283
48	Charge state determination of peptide tandem mass spectra using support vector machine (SVM). , 2008, , .		0
49	Feature Selection for Tandem Mass Spectrum Quality Assessment. , 2008, , .		5
50	Adaptive dynamic surface control of a class of uncertain nonlinear systems in pure-feedback form using fuzzy backstepping approach. , 2008, , .		7
51	An Robust RPCL Algorithm and Its Application in Clustering of Visual Features. Lecture Notes in Computer Science, 2007, , 438-447.	1.0	4
52	Scene Analysis for Mobile Robot Based on Multi-Sonar-Ranger Data. , 2006, , .		2
53	Neural Networks for Mobile Robot Navigation: A Survey. Lecture Notes in Computer Science, 2006, , 1218-1226.	1.0	35
54	Indoor mobile robot navigation using doorplate landmarks. International Journal of Vehicle Autonomous Systems, 2006, 4, 143.	0.2	0

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55	Tracking Control of a Mobile Robot with Kinematic Uncertainty Using Neural Networks. Lecture Notes in Computer Science, 2006, , 721-730.	1.0	3
56	A Neural Network-Based Camera Calibration Method for Mobile Robot Localization Problems. Lecture Notes in Computer Science, 2005, , 277-284.	1.0	7
57	Vision-Guided Mobile Robot Navigation. , 0, , .		2
58	Path Planning for Mobile Robots Using Straight Lines. , 0, , .		1