Qing Gao

List of Publications by Year in descending order

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43 papers	845 citations	567281 15 h-index	477307 29 g-index
43 all docs	43 docs citations	43 times ranked	617 citing authors

#	Article	IF	Citations
1	Cascading Failure Analysis of Hierarchical Industrial Wireless Sensor Networks under the Impact of Data Overload. Machines, 2022, 10, 380.	2.2	1
2	Design of a Discrete-Time Fault-Tolerant Quantum Filter and Fault Detector. IEEE Transactions on Cybernetics, 2021, 51, 889-899.	9.5	17
3	Description and analysis of the timeâ€“domain response of nabla discrete fractional order systems. Asian Journal of Control, 2021, 23, 1911-1922.	3.0	8
4	Smart contracts based supply chain resource management system in the industrial internet. , 2021, , .		1
5	Quantum Graph Convolutional Neural Networks. , 2021, , .		11
6	Time-Delay Luenberger Observer Design for Sliding Mode Control of Nonlinear Markovian Jump Systems via Event-Triggered Mechanism. Machines, 2021, 9, 259.	2.2	1
7	DOANet: Point Cloud Registration with Deep Overlap Attention. , 2021, , .		0
8	Design of a Quantum Projection Filter. IEEE Transactions on Automatic Control, 2020, 65, 3693-3700.	5.7	10
9	An improved quantum projection filter. Automatica, 2020, 112, 108716.	5.0	15
10	Self-to-self transitions in open quantum systems: the origin and solutions. , 2020, , .		0
11	Design of a Linear Quantum Projection Filter. , 2020, , .		0
12	Integral Sliding-Mode Control of Piecewise Linear systems. , 2020, , .		0
13	Dynamic Sliding-Mode Control for Piecewise Affine Systems. , 2020, , .		0
14	An exponential quantum projection filter for open quantum systems. Automatica, 2019, 99, 59-68.	5.0	20
15	Filtering for a Class of Quantum Systems With Classical Stochastic Disturbances. IEEE Transactions on Control Systems Technology, 2019, 27, 2774-2780.	5.2	8
16	Vibration Analysis of Bilayered Graphene Sheets for Building Materials in Thermal Environments Based on the Element-Free Method. Journal of Nanomaterials, 2018, 2018, 1-14.	2.7	2
17	Robust H ^{â^ž} controller design for a class of linear quantum systems with time delay. International Journal of Robust and Nonlinear Control, 2017, 27, 380-392.	3.7	10
18	Sliding mode control design for networked systems with packet loss. , 2017, , .		0

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19	Type Number Based Steadyâ€State Error Analysis on Fractional Order Control Systems. Asian Journal of Control, 2017, 19, 266-278.	3.0	1
20	Mechanical analysis of double-layered circular graphene sheets as building material embedded in an elastic medium. Journal of Central South University, 2017, 24, 2717-2724.	3.0	8
21	Fuzzy dynamic integral sliding-mode control for nonlinear descriptor systems. , 2017, , .		2
22	Universal Fuzzy Models and Universal Fuzzy Controllers for Non-affine Nonlinear Systems. Springer Theses, 2017, , 19-43.	0.1	1
23	Universal Fuzzy Models and Universal Fuzzy Controllers for Stochastic Non-affine Nonlinear Systems. Springer Theses, 2017, , 45-70.	0.1	3
24	Sliding Mode Control Based on Tâ€“S Fuzzy Models. Springer Theses, 2017, , 73-100.	0.1	0
25	Universal Fuzzy Integral Sliding-Mode Controllers for Stochastic Non-affine Nonlinear Systems. Springer Theses, 2017, , 119-137.	0.1	1
26	Fault tolerant filtering and fault detection for quantum systems driven by fields in single photon states. Journal of Mathematical Physics, 2016, 57, .	1.1	9
27	Fault tolerant quantum filtering and fault detection for quantum systems. Automatica, 2016, 71, 125-134.	5.0	39
28	Universal Fuzzy Models and Universal Fuzzy Controllers for Discrete-Time Nonlinear Systems. IEEE Transactions on Cybernetics, 2015, 45, 880-887.	9.5	18
29	A rational approximate method to fractional order systems. International Journal of Control, Automation and Systems, 2014, 12, 1180-1186.	2.7	58
30	Robust $mathscr{H}_{infty }$ Control for Stochastic Tâ€“S Fuzzy Systems via Integral Sliding-Mode Approach. IEEE Transactions on Fuzzy Systems, 2014, 22, 870-881.	9.8	45
31	Robust ${mathscr H}_{infty }$ Control of Tâ€“S Fuzzy Time-Delay Systems via a New Sliding-Mode Control Scheme. IEEE Transactions on Fuzzy Systems, 2014, 22, 459-465.	9.8	75
32	Universal Fuzzy Integral Sliding-Mode Controllers Based on Tâ€“S Fuzzy Models. IEEE Transactions on Fuzzy Systems, 2014, 22, 350-362.	9.8	77
33	Universal Fuzzy Integral Sliding-Mode Controllers for Stochastic Nonlinear Systems. IEEE Transactions on Cybernetics, 2014, 44, 2658-2669.	9.5	50
34	An ISMC Approach to Robust Stabilization of Uncertain Stochastic Time-Delay Systems. IEEE Transactions on Industrial Electronics, 2014, 61, 6986-6994.	7.9	32
35	A New Design of Robust <inline-formula> <tex-math notation="TeX">${m H}_{infty}$ </tex-math></inline-formula> Sliding Mode Control for Uncertain Stochastic T-S Fuzzy Time-Delay Systems. IEEE Transactions on Cybernetics, 2014, 44, 1556-1566.	9.5	83
36	A new robust sliding mode control scheme for uncertain T-S fuzzy systems. , 2013, , .		0

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37	Universal Fuzzy Models and Universal Fuzzy Controllers for Stochastic Nonaffine Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2013, 21, 328-341.	9.8	86
38	Robust Hâˆž Stabilization of Uncertain T-S Fuzzy Systems via Dynamic Integral Sliding Mode Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 485-490.	0.4	1
39	A Fuzzy Approach to Robust Control of Stochastic Nonaffine Nonlinear Systems. Mathematical Problems in Engineering, 2012, 2012, 1-17.	1.1	4
40	Tâ€“S-Fuzzy-Model-Based Approximation and Controller Design for General Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1143-1154.	5.0	89
41	Universal fuzzy models and universal fuzzy controllers based on generalized T-S fuzzy models. , 2012, , .		2
42	Universal fuzzy controllers based on generalized Tâ€“S fuzzy models. Fuzzy Sets and Systems, 2012, 201, 55-70.	2.7	52
43	T-S fuzzy systems approach to approximation and robust controller design for general nonlinear systems. , 2011, , .		5