Bao-lin Zhang

List of Publications by Year
in descending order

66 papers	2,061 citations	430754 18 h-index	377752 34 g-index
68 all docs	68 docs citations	68 times ranked	1392 citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview and Deep Investigation on Sampled-Data-Based Event-Triggered Control and Filtering for Networked Systems. IEEE Transactions on Industrial Informatics, 2017, 13, 4-16.	7.2	593
2	Event-triggered H_∞ control for offshore structures in network environments. Journal of Sound and Vibration, 2016, 368, 1-21.	2.1	204
3	Sliding Mode Control With Mixed Current and Delayed States for Offshore Steel Jacket Platforms. IEEE Transactions on Control Systems Technology, 2014, 22, 1769-1783.	3.2	192
4	Recent advances in vibration control of offshore platforms. Nonlinear Dynamics, 2017, 89, 755-771.	2.7	183
5	Neuronal State Estimation for Neural Networks With Two Additive Time-Varying Delay Components. IEEE Transactions on Cybernetics, 2017, 47, 3184-3194.	6.2	174
6	Sliding mode control for offshore steel jacket platforms subject to nonlinear self-excited wave force and external disturbance. Nonlinear Analysis: Real World Applications, 2013, 14, 163-178.	0.9	90
7	Integral sliding mode control for offshore steel jacket platforms. Journal of Sound and Vibration, 2012, 331, 3271-3285.	2.1	79
8	Active vibration H_∞ control of offshore steel jacket platforms using delayed feedback. Journal of Sound and Vibration, 2013, 332, 5662-5677.	2.1	69
9	Network-based modelling and active control for offshore steel jacket platform with TMD mechanisms. Journal of Sound and Vibration, 2014, 333, 6796-6814.	2.1	61
10	Passivity Analysis of Delayed Neural Networks Based on Lyapunov–Krasovskii Functionals With Delay-Dependent Matrices. IEEE Transactions on Cybernetics, 2020, 50, 946-956.	6.2	52
11	Discrete feedforward and feedback optimal tracking control for offshore steel jacket platforms. Ocean Engineering, 2014, 91, 371-378.	1.9	33
12	Delay-Variation-Dependent Criteria on Extended Dissipativity for Discrete-Time Neural Networks With Time-Varying Delay. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1578-1587.	7.2	32
13	Delayed non-fragile H_∞ control for offshore steel jacket platforms. JVC/Journal of Vibration and Control, 2015, 21, 959-974.	1.5	30
14	Robust non-fragile sampled-data control for offshore steel jacket platforms. Nonlinear Dynamics, 2016, 83, 1939-1954.	2.7	28
15	Guaranteed cost control of hybrid-triggered networked systems with stochastic cyber-attacks. ISA Transactions, 2020, 104, 84-92.	3.1	27
16	Stabilization control for offshore steel jacket platforms with actuator time-delays. Nonlinear Dynamics, 2012, 70, 1593-1603.	2.7	26
17	Optimal tracking control with feedforward compensation for offshore steel jacket platforms with active mass damper mechanisms. JVC/Journal of Vibration and Control, 2016, 22, 695-709.	1.5	22
18	Observer-based optimal fault-tolerant control for offshore platforms. Computers and Electrical Engineering, 2014, 40, 2204-2215.	3.0	20

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19	Pure delayed non-fragile control for offshore steel jacket platforms subject to non-linear self-excited wave force. Nonlinear Dynamics, 2014, 77, 491-502.	2.7	17
20	Reducing conservatism of stability criteria for linear systems with time-varying delay using an improved triple-integral inequality. Applied Mathematics and Computation, 2020, 380, 125254.	1.4	14
21	Recoil control of deepwater drilling riser systems via optimal control with feedforward mechanisms. Ocean Engineering, 2022, 257, 111690.	1.9	13
22	Active Control of Offshore Steel Jacket Platforms. , 2019, , .		9
23	Observer-based state feedback H_∞ control for offshore steel jacket structures under denial-of-service attacks. ISA Transactions, 2021, 115, 46-60.	3.1	9
24	Delayed Fuzzy Output Feedback H_∞ Control for Offshore Structures. Journal of Marine Science and Engineering, 2020, 8, 434.	1.2	8
25	Recoil attenuation for deepwater drilling riser systems via delayed H_∞ control. ISA Transactions, 2023, 133, 248-261.	3.1	8
26	Delayed proportional-integral control for offshore steel jacket platforms. Journal of the Franklin Institute, 2019, 356, 6373-6387.	1.9	7
27	Hybrid-Driven-Based H_∞ Control for Offshore Steel Jacket Platforms in Network Environments. IEEE Access, 2020, 8, 56151-56159.	2.6	7
28	Event-triggered H_∞ control for networked spar-type floating production platforms with active tuned heave plate mechanisms and deception attacks. Journal of the Franklin Institute, 2021, 358, 3554-3584.	1.9	7
29	Resilience analysis and design of event-triggered offshore steel jacket structures. Neurocomputing, 2020, 400, 429-439.	3.5	6
30	Robust sliding mode H_∞ control using time-varying delayed states for offshore steel jacket platforms. , 2013, , .		5
31	Vibration Reduction for Offshore Platforms via Delayed Sliding Mode H_∞ Control. International Journal of Control, Automation and Systems, 2019, 17, 107-116.	1.6	5
32	Wave Attenuating delay-dependent H_∞ control for offshore platforms with parameter uncertainties. , 2013, , .		4
33	Model decomposition-based optimal formation control for multiple unmanned aerial vehicles. Transactions of the Institute of Measurement and Control, 2022, 44, 952-959.	1.1	4
34	Delay-feedback-based recoil control for deepwater drilling riser systems. International Journal of Systems Science, 2022, 53, 2535-2548.	3.7	4
35	Memory-event-triggering H_∞ reliable control for networked jacket platforms against earthquakes and stochastic actuator faults. International Journal of Systems Science, 2021, 52, 1171-1191.	3.7	3
36	Near-Optimal Control for Offshore Structures with Nonlinear Energy Sink Mechanisms. Journal of Marine Science and Engineering, 2022, 10, 817.	1.2	3

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37	Network-based H∞ control for offshore steel jacket platforms. , 2014, , .		2
38	Network-based active control for offshore steel jacket platforms. , 2014, , .		2
39	Vibration control for offshore platforms with delay under wave and current forces. , 2016, , .		2
40	BP neural network vibration control with time delay for offshore platforms under wave forces. , 2017, , .		2
41	Integral Sliding Mode H∞ Control. , 2019, , 49-69.		2
42	Recoil Control of Deepwater-Drilling Riser with Optimal Guaranteed Cost H∞ Control. Applied Sciences (Switzerland), 2022, 12, 3945.	1.3	2
43	Network-based control for offshore steel jacket platform subject to wave-induced force. , 2013, , .		1
44	Robust sampled-data H control for offshore steel jacket platforms. , 2015, , .		0
45	Sampled-data control for offshore steel jacket platform with TMD mechanisms. , 2015, , .		0
46	Fuzzy H∞ control for offshore steel jacket platforms with parameter uncertainties. , 2016, , .		0
47	Networked output feedback H∞ control for offshore structures under earthquakes. , 2016, , .		0
48	A brief overview of delayed feedback control for offshore structures. , 2016, , .		0
49	Vibration reduction of offshore structures via output feedback H∞ tracking control. , 2016, , .		0
50	Disturbance rejection control for discrete time-delay nonlinear system. , 2016, , .		0
51	DELAYED FUZZY CONTROL OF OFFSHORE STEEL JACKET PLATFORMS. ANZIAM Journal, 2017, 58, 446-454.	0.3	0
52	DELAYED STATE FEEDBACK CONTROL FOR PERIODIC-REVIEW INVENTORY SYSTEMS. ANZIAM Journal, 2017, 58, 397-405.	0.3	0
53	Event-triggered Sampled-data Control for Offshore Steel Jacket Platforms. , 2018, , .		0
54	Active Control Design for Networked Offshore Platforms. , 2018, , .		0

#	Article	IF	Citations
55	Optimal Tracking Control with Feedforward Compensation. , 2019, , 33-48.		0
56	Network-Based Modeling and Active Control. , 2019, , 131-153.		0
57	Delayed Dynamic Output Feedback Control. , 2019, , 109-129.		0
58	Dynamic Models of Offshore Platforms. , 2019, , 17-31.		0
59	Vibration control of network-based offshore structures subject to earthquakes. Transactions of the Institute of Measurement and Control, 2022, 44, 861-870.	1.1	0
60	Epidemic Dynamics Analysis of COVID-19 Using a Modified SEIR Model with Symptom Classifications. , 2021, , .		0
61	Neural-Network-Based Tracking Control of Offshore Steel Jacket Platforms. Communications in Computer and Information Science, 2017, , 287-295.	0.4	0
62	Delayed fuzzy (H_infty) control of offshore steel jacket platforms. ANZIAM Journal, 0, 58, 446.	0.0	0
63	Delayed state feedback (H_infty) control for periodic-review inventory systems. ANZIAM Journal, 0, 58, 397.	0.0	0
64	Event-Triggered H âˇž Reliable Control in Network Environments. , 2019, , 155-181.		0
65	Delayed Robust Non-fragile Hâˇž Control. , 2019, , 91-108.		0
66	Prediction and Analysis of COVID-19 Epidemic Situation via Modified SEIR Model with Asymptomatic Infection. , 2021, , .		0