

Bao-lin Zhang

List of Publications by Year in descending order

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66
papers

2,061
citations

430754

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docs citations

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times ranked

1392
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Recoil attenuation for deepwater drilling riser systems via delayed H^∞ control. ISA Transactions, 2023, 133, 248-261.	3.1	8
3	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
4	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
5	Recoil Control of Deepwater-Drilling Riser with Optimal Guaranteed Cost H^∞ Control. Applied Sciences (Switzerland), 2022, 12, 3945.	1.3	2
6	Delay-feedback-based recoil control for deepwater drilling riser systems. International Journal of Systems Science, 2022, 53, 2535-2548.	3.7	4
7	Near-Optimal Control for Offshore Structures with Nonlinear Energy Sink Mechanisms. Journal of Marine Science and Engineering, 2022, 10, 817.	1.2	3
8	Recoil control of deepwater drilling riser systems via optimal control with feedforward mechanisms. Ocean Engineering, 2022, 257, 111690.	1.9	13
9	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
10	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
11	Observer-based state feedback H^∞ control for offshore steel jacket structures under denial-of-service attacks. ISA Transactions, 2021, 115, 46-60.	3.1	0
12	Epidemic Dynamics Analysis of COVID-19 Using a Modified SEIR Model with Symptom Classifications. , 2021, , .		0
13	Prediction and Analysis of COVID-19 Epidemic Situation via Modified SEIR Model with Asymptomatic Infection. , 2021, , .		0
14	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
15	Resilience analysis and design of event-triggered offshore steel jacket structures. Neurocomputing, 2020, 400, 429-439.	3.5	6
16	Guaranteed cost control of hybrid-triggered networked systems with stochastic cyber-attacks. ISA Transactions, 2020, 104, 84-92.	3.1	27
17	Hybrid-Driven-Based H^∞ Control for Offshore Steel Jacket Platforms in Network Environments. IEEE Access, 2020, 8, 56151-56159.	2.6	7
18	Delayed Fuzzy Output Feedback H^∞ Control for Offshore Structures. Journal of Marine Science and Engineering, 2020, 8, 434.	1.2	8

#	ARTICLE	IF	CITATIONS
19	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
20	Delayed proportional-integral control for offshore steel jacket platforms. Journal of the Franklin Institute, 2019, 356, 6373-6387.	1.9	7
21	Optimal Tracking Control with Feedforward Compensation. , 2019, , 33-48.		0
22	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
23	Network-Based Modeling and Active Control. , 2019, , 131-153.		0
24	Active Control of Offshore Steel Jacket Platforms. , 2019, , .		9
25	Integral Sliding Mode H^∞ Control. , 2019, , 49-69.		2
26	Delayed Dynamic Output Feedback Control. , 2019, , 109-129.		0
27	Dynamic Models of Offshore Platforms. , 2019, , 17-31.		0
28	Event-Triggered H^∞ Reliable Control in Network Environments. , 2019, , 155-181.		0
29	Delayed Robust Non-fragile H^∞ Control. , 2019, , 91-108.		0
30	Event-triggered Sampled-data Control for Offshore Steel Jacket Platforms. , 2018, , .		0
31	Active Control Design for Networked Offshore Platforms. , 2018, , .		0
32	Neuronal State Estimation for Neural Networks With Two Additive Time-Varying Delay Components. IEEE Transactions on Cybernetics, 2017, 47, 3184-3194.	6.2	174
33	Recent advances in vibration control of offshore platforms. Nonlinear Dynamics, 2017, 89, 755-771.	2.7	183
34	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
35	DELAYED FUZZY CONTROL OF OFFSHORE STEEL JACKET PLATFORMS. ANZIAM Journal, 2017, 58, 446-454.	0.3	0
36	BP neural network vibration control with time delay for offshore platforms under wave forces. , 2017, , .		2

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37	DELAYED STATE FEEDBACK CONTROL FOR PERIODIC-REVIEW INVENTORY SYSTEMS. ANZIAM Journal, 2017, 58, 397-405.	0.3	0
38	Neural-Network-Based Tracking Control of Offshore Steel Jacket Platforms. Communications in Computer and Information Science, 2017, , 287-295.	0.4	0
39	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
40	Fuzzy H_{∞} control for offshore steel jacket platforms with parameter uncertainties. , 2016, , .		0
41	Networked output feedback H_{∞} control for offshore structures under earthquakes. , 2016, , .		0
42	A brief overview of delayed feedback control for offshore structures. , 2016, , .		0
43	Vibration reduction of offshore structures via output feedback H_{∞} tracking control. , 2016, , .		0
44	Disturbance rejection control for discrete time-delay nonlinear system. , 2016, , .		0
45	Vibration control for offshore platforms with delay under wave and current forces. , 2016, , .		2
46	Event-triggered control for offshore structures in network environments. Journal of Sound and Vibration, 2016, 368, 1-21.	2.1	204
47	Robust non-fragile sampled-data control for offshore steel jacket platforms. Nonlinear Dynamics, 2016, 83, 1939-1954.	2.7	28
48	Robust sampled-data H_{∞} control for offshore steel jacket platforms. , 2015, , .		0
49	Sampled-data control for offshore steel jacket platform with TMD mechanisms. , 2015, , .		0
50	Delayed non-fragile H_{∞} control for offshore steel jacket platforms. JVC/Journal of Vibration and Control, 2015, 21, 959-974.	1.5	30
51	Network-based H_{∞} control for offshore steel jacket platforms. , 2014, , .		2
52	Observer-based optimal fault-tolerant control for offshore platforms. Computers and Electrical Engineering, 2014, 40, 2204-2215.	3.0	20
53	Network-based active control for offshore steel jacket platforms. , 2014, , .		2
54	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

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55	Pure delayed non-fragile control for offshore steel jacket platforms subject to non-linear self-excited wave force. <i>Nonlinear Dynamics</i> , 2014, 77, 491-502.	2.7	17
56	Discrete feedforward and feedback optimal tracking control for offshore steel jacket platforms. <i>Ocean Engineering</i> , 2014, 91, 371-378.	1.9	33
57	Network-based modelling and active control for offshore steel jacket platform with TMD mechanisms. <i>Journal of Sound and Vibration</i> , 2014, 333, 6796-6814.	2.1	61
58	Robust sliding mode H_{∞} control using time-varying delayed states for offshore steel jacket platforms. , 2013, , .		5
59	Active vibration H^{∞} control of offshore steel jacket platforms using delayed feedback. <i>Journal of Sound and Vibration</i> , 2013, 332, 5662-5677.	2.1	69
60	Sliding mode control for offshore steel jacket platforms subject to nonlinear self-excited wave force and external disturbance. <i>Nonlinear Analysis: Real World Applications</i> , 2013, 14, 163-178.	0.9	90
61	Wave Attenuating delay-dependent H_{∞} control for offshore platforms with parameter uncertainties. , 2013, , .		4
62	Network-based control for offshore steel jacket platform subject to wave-induced force. , 2013, , .		1
63	Stabilization control for offshore steel jacket platforms with actuator time-delays. <i>Nonlinear Dynamics</i> , 2012, 70, 1593-1603.	2.7	26
64	Integral sliding mode control for offshore steel jacket platforms. <i>Journal of Sound and Vibration</i> , 2012, 331, 3271-3285.	2.1	79
65	Delayed fuzzy (H_{∞}) control of offshore steel jacket platforms. <i>ANZIAM Journal</i> , 0, 58, 446.	0.0	0
66	Delayed state feedback (H_{∞}) control for periodic-review inventory systems. <i>ANZIAM Journal</i> , 0, 58, 397.	0.0	0