

# Hongyinping Feng

## List of Publications by Year in descending order

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36  
papers

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citations

840776

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Active disturbance rejection control: Old and new results. <i>Annual Reviews in Control</i> , 2017, 44, 238-248.	7.9	103
2	A New Active Disturbance Rejection Control to Output Feedback Stabilization for a One-Dimensional Anti-Stable Wave Equation With Disturbance. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 3774-3787.	5.7	102
3	New unknown input observer and output feedback stabilization for uncertain heat equation. <i>Automatica</i> , 2017, 86, 1-10.	5.0	43
4	Output feedback stabilization of an unstable wave equation with general corrupted boundary observation. <i>Automatica</i> , 2014, 50, 3164-3172.	5.0	35
5	Forecasting financial time series using a methodology based on autoregressive integrated moving average and Taylor expansion. <i>Expert Systems</i> , 2016, 33, 501-516.	4.5	34
6	Observer Design and Exponential Stabilization for Wave Equation in Energy Space by Boundary Displacement Measurement Only. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 1438-1444.	5.7	33
7	Performance output exponential tracking for a wave equation with a general boundary disturbance. <i>Systems and Control Letters</i> , 2016, 98, 79-85.	2.3	31
8	Trajectory Planning Approach to Output Tracking for a 1-D Wave Equation. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1841-1854.	5.7	30
9	Disturbance estimator based output feedback exponential stabilization for Euler-Bernoulli beam equation with boundary control. <i>Automatica</i> , 2018, 91, 79-88.	5.0	28
10	A tracking differentiator based on Taylor expansion. <i>Applied Mathematics Letters</i> , 2013, 26, 735-740.	2.7	15
11	Stabilization of One-dimensional Wave Equation with Van Der Pol Type Boundary Condition. <i>SIAM Journal on Control and Optimization</i> , 2016, 54, 2436-2449.	2.1	15
12	On Stability Equivalence between Dynamic Output Feedback and Static Output Feedback for a Class of Second Order Infinite-Dimensional Systems. <i>SIAM Journal on Control and Optimization</i> , 2015, 53, 1934-1955.	2.1	12
13	Distributed disturbance estimator and application to stabilization for multi-dimensional wave equation with corrupted boundary observation. <i>Automatica</i> , 2016, 66, 25-33.	5.0	11
14	Output tracking for a 1-D heat equation with non-collocated configurations. <i>Journal of the Franklin Institute</i> , 2020, 357, 3299-3315.	3.4	10
15	The stability for a one-dimensional wave equation with nonlinear uncertainty on the boundary. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2013, 89, 202-207.	1.1	9
16	Blow-up solutions for a nonlinear wave equation with boundary damping and interior source. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2012, 75, 2273-2280.	1.1	8
17	Global nonexistence for a semilinear wave equation with nonlinear boundary dissipation. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 391, 255-264.	1.0	7
18	Output feedback stabilization for 1-D wave equation with variable coefficients and non-collocated observation. <i>Systems and Control Letters</i> , 2020, 145, 104780.	2.3	7

#	ARTICLE	IF	CITATIONS
19	Stabilization for Euler-Bernoulli Beam Equation with Boundary Moment Control and Disturbance via a New Disturbance Estimator. <i>Journal of Dynamical and Control Systems</i> , 2021, 27, 247-259.	0.8	6
20	Output feedback stabilization for a Kirchhoff-type nonlinear beam with general corrupted boundary observation. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 3280-3295.	3.7	5
21	Output feedback stabilization for an anti-stable Schrödinger equation with internal unknown dynamic and external disturbance. <i>Journal of the Franklin Institute</i> , 2018, 355, 5632-5648.	3.4	5
22	Observers and Disturbance Rejection Control for a Heat Equation. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 4957-4964.	5.7	5
23	Exponential stabilization of an ODE system with Euler-Bernoulli beam actuator dynamics. <i>Science China Information Sciences</i> , 2022, 65, 1.	4.3	5
24	Active disturbance rejection control based on weighed-moving-average-state-observer. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 411, 354-361.	1.0	4
25	Performance output tracking for a one-dimensional unstable heat equation with input delay. <i>IMA Journal of Mathematical Control and Information</i> , 2022, 39, 254-274.	1.7	3
26	Blow-up solutions for a string equation with nonlinear boundary source and arbitrary-initial-energy. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2012, 75, 5653-5663.	1.1	2
27	Stabilization of one-dimensional wave equation by non-collocated boundary feedback. <i>European Journal of Control</i> , 2016, 32, 39-42.	2.6	2
28	Error based output regulation for a 1-d wave equation with a tip mass and non-collocated disturbance. , 2019, , .		2
29	Boundary stabilization and observation of a weak unstable heat equation in a general multi-dimensional domain. <i>Automatica</i> , 2022, 138, 110152.	5.0	2
30	A Linear Differentiator Based on the Extended Dynamics Approach. <i>IEEE Transactions on Automatic Control</i> , 2022, , 1-7.	5.7	2
31	Asymptotic stabilization for a wave equation with periodic disturbance. <i>IMA Journal of Mathematical Control and Information</i> , 2020, 37, 894-917.	1.7	1
32	Output Tracking for One-Dimensional Wave Equation with Non-Collocated Control and Output Configuration. <i>Journal of Systems Science and Complexity</i> , 2020, 33, 1469-1484.	2.8	1
33	Performance output tracking for cascaded heat partial differential equation-ordinary differential equation systems subject to unmatched disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 2652-2673.	3.7	1
34	Delay compensation for regular linear systems. <i>Journal of Differential Equations</i> , 2021, 302, 680-709.	2.2	1
35	A direct method for global nonexistence of one dimensional wave equation with nonlinear boundary-source. <i>Indian Journal of Pure and Applied Mathematics</i> , 2013, 44, 683-694.	0.5	0
36	Adaptive stabilization and parameters estimation for a Kirchhoff's nonlinear beam with uncertain input disturbances under boundary output feedback control. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017, 31, 1375-1387.	4.1	0