Zhong-Jie Han

List of Publications by Year in Descending Order

46 papers	251 citations	8 h-index	12 g-index
52 ext. papers	311 ext. citations	1.6 avg, IF	3.76 L-index

#	Paper	IF	Citations
46	Sharper and finer energy decay rate for an elastic string with localized Kelvin-Voigt damping. *Discrete and Continuous Dynamical Systems - Series S*, **2022**,	2.8	1
45	Anti-disturbance stabilization for a hybrid system of non-uniform elastic string. *Journal of the Franklin Institute*, **2021**, 358, 9653-9653	4	
44	Exponential Stabilization of a Star-Shaped Thermoelastic Network System Based on the Extended State Observer With Time-Varying Gains. *IEEE Transactions on Automatic Control*, **2021**, 66, 267-274	5.9	12
43	Stability in locally degenerate dual-phase-lag heat conduction. *Applicable Analysis*, **2021**, 100, 75-92	0.8	
42	Boundary control and observation to inverse coefficient problem for heat equation with unknown source and initial value. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	1
41	Stabilization of Wave Equation on Cuboidal Domain via Kelvin--Voigt Damping: A Case without Geometric Control Condition. *SIAM Journal on Control and Optimization*, **2021**, 59, 1973-1988	1.9	0
40	Stabilization of a Rotating Disk-Beam System with Infinite Memory via Minimal State Variable: A Moment Control Case. *SIAM Journal on Control and Optimization*, **2020**, 58, 845-865	1.9	3
39	On the Stabilization of an Overhead Crane System With Dynamic and Delayed Boundary Conditions. *IEEE Transactions on Automatic Control*, **2020**, 65, 4273-4280	5.9	4
38	Controller design to stabilization of Schr□inger equation with boundary input disturbance. *Applicable Analysis*, **2020**, 99, 796-813	0.8	1
37	Decay rates for 1-d mixed type II and type III thermoelastic system with localized viscous damping. *Journal of Mathematical Analysis and Applications*, **2019**, 478, 560-577	1.1	1
36	Spectral analysis of Timoshenko beam with time delay in interior damping. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2019**, 70, 1	1.6	1
35	Regularity and stability of coupled plate equations with indirect structural or Kelvin-Voigt damping. *ESAIM - Control, Optimisation and Calculus of Variations*, **2019**, 25, 51	1	3
34	Stability and Spectral Properties of General Tree-Shaped Wave Networks with Variable Coefficients. *Acta Applicandae Mathematicae*, **2019**, 164, 219-249	1.1	3
33	Stabilization of serially connected hybrid PDE□ODE system with unknown external disturbances. *Applicable Analysis*, **2019**, 98, 718-734	0.8	3
32	Stabilization of a nonlinear rotating disk-beam system with localized thermal effect. *Nonlinear Dynamics*, **2018**, 93, 785-799	5	5
31	Exponential stabilization of thermoelastic system of type II with non-uniform bounded disturbance. *Applicable Analysis*, **2018**, 97, 145-159	0.8	5
30	Feedback stabilisation of an Euler□Bernoulli beam with the boundary time-delay disturbance. *International Journal of Control*, **2018**, 91, 1835-1847	1.5	0

29	Explicit decay rate for coupled string-beam system with localized frictional damping. *Applied Mathematics Letters*, **2018**, 78, 51-58	3.5	6
28	Energy decay rate of transmission problem between thermoelasticity of type I and type II. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2017**, 68, 1	1.6	7
27	Decay rates for elastic-thermoelastic star-shaped networks. *Networks and Heterogeneous Media*, **2017**, 12, 461-488	1.6	8
26	Stabilization of an EulerBernoulli beam system with a tip mass subject to non-uniform bounded disturbance. *IMA Journal of Mathematical Control and Information*, **2016**, dnw021	1.1	1
25	Stabilization of the Timoshenko Beam System with Restricted Boundary Feedback Controls. *Acta Applicandae Mathematicae*, **2016**, 141, 149-164	1.1	5
24	Stabilization for Schrdinger equation with a time delay in the boundary input. *Applicable Analysis*, **2016**, 95, 963-977	0.8	7
23	Distributed tracking control of the Schrdinger equation with internal disturbance. *IMA Journal of Mathematical Control and Information*, **2016**, dnv071	1.1	1
22	Decay rates for $1-d$ heat-wave planar networks. *Networks and Heterogeneous Media*, **2016**, 11, 655-692	1.6	6
21	Spectrum and stability analysis for a transmission problem in thermoelasticity with a concentrated mass. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2015**, 66, 1717-1736	1.6	7
20	Spectral analysis and stability of thermoelastic Bresse system with second sound and boundary viscoelastic damping. *Mathematical Methods in the Applied Sciences*, **2015**, 38, 94-112	2.3	7
19	Stabilization of one-dimensional wave equations coupled with an ODE system on general tree-shaped networks. *IMA Journal of Mathematical Control and Information*, **2015**, 32, 557-589	1.1	3
18	Exponential-stability and super-stability of a thermoelastic system of type II with boundary damping. *Discrete and Continuous Dynamical Systems - Series B*, **2015**, 20, 2733-2750	1.3	7
17	Exponential stability of serially connected thermoelastic system of type II with nodal damping. *Applicable Analysis*, **2014**, 93, 1495-1514	0.8	6
16	Stabilization and SDG condition of serially connected vibrating strings system with discontinuous displacement. *Asian Journal of Control*, **2012**, 14, 95-108	1.7	5
15	Stability analysis of a thermo-elastic system of type II with boundary viscoelastic damping. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2012**, 63, 675-689	1.6	10
14	Exponential decay in non-uniform porous-thermo-elasticity model of Lord-Shulman type. *Discrete and Continuous Dynamical Systems - Series B*, **2012**, 17, 57-77	1.3	19
13	Dynamical behavior of a hybrid system of nonhomogeneous timoshenko beam with partial non-collocated inputs. *Journal of Dynamical and Control Systems*, **2011**, 17, 77-121	1.1	13
12	Exponential stability of string system with variable coefficients under non-collocated feedback controls. *Asian Journal of Control*, **2011**, 13, 148-163	1.7	6

11	Output feedback stabilisation of a tree-shaped network of vibrating strings with non-collocated observation. *International Journal of Control*, **2011**, 84, 458-475	1.5	9
10	Expansion of solution of an inverted pendulum system with time delay. *Applied Mathematics and Computation*, **2011**, 217, 6476-6489	2.7	3
9	Exponential stability of Timoshenko beam system with delay terms in boundary feedbacks. *ESAIM - Control, Optimisation and Calculus of Variations*, **2011**, 17, 552-574	1	23
8	Dynamical behavior of networks of non-uniform Timoshenko beams system with boundary time-delay inputs. *Networks and Heterogeneous Media*, **2011**, 6, 297-327	1.6	7
7	Exponential stabilisation of a simple tree-shaped network of Timoshenko beams system. *International Journal of Control*, **2010**, 83, 1485-1503	1.5	6
6	Riesz Basis Property and Stability of Planar Networks of Controlled Strings. *Acta Applicandae Mathematicae*, **2010**, 110, 511-533	1.1	12
5	Stabilization and Riesz basis of a star-shaped network of Timoshenko beams. *Journal of Dynamical and Control Systems*, **2010**, 16, 227-258	1.1	2
4	Spectrum and dynamical behavior of a kind of planar network of non-uniform strings with non-collocated feedbacks. *Networks and Heterogeneous Media*, **2010**, 5, 315-334	1.6	8
3	Stabilization and Riesz basis property of two serially connected Timoshenko beams system. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **2009**, 89, 962-980	1	10
2	Analysis of stability for n-connected Timoshenko beams with both ends fixed and feedback controller at intermediate nodes **2006**,		3
1	On the Elimination of Infinite Memory Effects on the Stability of a Nonlinear Non-homogeneous Rotating Body-Beam System. *Journal of Dynamics and Differential Equations*,1	1.3	1