

Lin Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

154
papers

5,257
citations

44
h-index

66
g-index

159
ext. papers

6,228
ext. citations

3.7
avg, IF

6.6
L-index

#	Paper	IF	Citations
154	Influence of Dry Friction on the Dynamics of Cantilevered Pipes Conveying Fluid. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 724	2.6	0
153	Modeling and nonlinear dynamics of cantilevered pipe with tapered free end concurrently subjected to axial internal and external flows. <i>Mechanical Systems and Signal Processing</i> , 2022 , 169, 108794	7.8	1
152	Vortex-induced vibration triboelectric nanogenerator for low speed wind energy harvesting. <i>Nano Energy</i> , 2022 , 95, 107029	17.1	5
151	Cross-flow-induced transverse-torsional vibrations of slender structures mitigation via coupled controllers. <i>International Journal of Non-Linear Mechanics</i> , 2022 , 142, 104000	2.8	0
150	Geometrically exact model and dynamics of cantilevered curved pipe conveying fluid. <i>Journal of Sound and Vibration</i> , 2022 , 117074	3.9	0
149	New insight into the stability and dynamics of fluid-conveying supported pipes with small geometric imperfections. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2021 , 42, 703-720	3.2	2
148	Three-dimensional large-deformation model of hard-magnetic soft beams. <i>Composite Structures</i> , 2021 , 266, 113822	5.3	11
147	Non-smooth dynamics of articulated pipe conveying fluid subjected to a one-sided rigid stop. <i>Applied Mathematical Modelling</i> , 2021 , 89, 802-818	4.5	2
146	Static equilibrium configuration and nonlinear dynamics of slightly curved cantilevered pipe conveying fluid. <i>Journal of Sound and Vibration</i> , 2021 , 490, 115711	3.9	14
145	A magnetic control method for large-deformation vibration of cantilevered pipe conveying fluid. <i>Nonlinear Dynamics</i> , 2021 , 105, 1459-1481	5	2
144	Three-dimensional dynamical model for cantilevered pipes conveying fluid under large deformation. <i>Journal of Fluids and Structures</i> , 2021 , 105, 103329	3.1	5
143	Complex transformations of hard-magnetic soft beams by designing residual magnetic flux density. <i>Soft Matter</i> , 2020 , 16, 6379-6388	3.6	12
142	Dynamics and stability analysis of an axially moving beam in axial flow. <i>Journal of Mechanics of Materials and Structures</i> , 2020 , 15, 37-60	1.2	2
141	Galloping triboelectric nanogenerator for energy harvesting under low wind speed. <i>Nano Energy</i> , 2020 , 70, 104477	17.1	51
140	Planar and non-planar vibrations of a fluid-conveying cantilevered pipe subjected to axial base excitation. <i>Nonlinear Dynamics</i> , 2020 , 99, 2527-2549	5	3
139	Nonlinear forced vibrations of supported pipe conveying fluid subjected to an axial base excitation. <i>Journal of Sound and Vibration</i> , 2020 , 471, 115189	3.9	6
138	Theoretical Modeling and Exact Solution for Extreme Bending Deformation of Hard-Magnetic Soft Beams. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2020 , 87,	2.7	20

137	Nonplanar post-buckling analysis of simply supported pipes conveying fluid with an axially sliding downstream end. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2020 , 41, 15-32	3.2	6
136	Nonlinear Free Vibration of Hyperelastic Beams Based on Neo-Hookean Model. <i>International Journal of Structural Stability and Dynamics</i> , 2020 , 20, 2050015	1.9	4
135	Comparative Study of Piezoelectric Vortex-Induced Vibration-Based Energy Harvesters with Multi-Stability Characteristics. <i>Energies</i> , 2020 , 13, 71	3.1	18
134	On mechanics of functionally graded hard-magnetic soft beams. <i>International Journal of Engineering Science</i> , 2020 , 157, 103391	5.7	21
133	Extremely large-amplitude oscillation of soft pipes conveying fluid under gravity. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2020 , 41, 1381-1400	3.2	8
132	Three-dimensional dynamics of fluid-conveying pipe simultaneously subjected to external axial flow. <i>Ocean Engineering</i> , 2020 , 217, 107970	3.9	10
131	Nonlinear analysis of flexoelectric energy harvesters under force excitations. <i>International Journal of Mechanics and Materials in Design</i> , 2020 , 16, 19-33	2.5	9
130	Enhanced Stability of Two-Material Panels in Supersonic Flow: Optimization Strategy and Physical Explanation. <i>AIAA Journal</i> , 2019 , 57, 5553-5565	2.1	4
129	Stability and Nonlinear Vibration Analysis of an Axially Loaded Nanobeam Based on Nonlocal Strain Gradient Theory. <i>International Journal of Applied Mechanics</i> , 2019 , 11, 1950069	2.4	16
128	Nonplanar flow-induced vibrations of a cantilevered PIP structure system concurrently subjected to internal and cross flows. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2019 , 35, 1241-1256	2	4
127	Nonplanar multi-modal vibrations of fluid-conveying risers under shear cross flows. <i>Applied Ocean Research</i> , 2019 , 88, 187-209	3.4	23
126	Nonlinear free vibration of nanobeams based on nonlocal strain gradient theory with the consideration of thickness-dependent size effect. <i>Journal of Mechanics of Materials and Structures</i> , 2019 , 14, 119-137	1.2	21
125	Experimental investigation of the dissipation characteristic of sandwich structures with periodically perforated viscoelastic damping material core. <i>JVC/Journal of Vibration and Control</i> , 2019 , 25, 2008-2024	2	3
124	Nonplanar vortex-induced vibrations of cantilevered pipes conveying fluid subjected to loose constraints. <i>Ocean Engineering</i> , 2019 , 178, 1-19	3.9	16
123	Stability and nonplanar buckling analysis of a current-carrying microwire in three-dimensional magnetic field. <i>Microsystem Technologies</i> , 2019 , 25, 4053-4066	1.7	4
122	Design of high-efficiency electromagnetic energy harvester based on a rolling magnet. <i>Energy Conversion and Management</i> , 2019 , 185, 202-210	10.6	38
121	Vibration analysis of suspended microchannel resonators characterized as cantilevered micropipes conveying fluid and nanoparticle. <i>Microsystem Technologies</i> , 2019 , 25, 197-210	1.7	2
120	Theoretical modeling, wind tunnel measurements, and realistic environment testing of galloping-based electromagnetic energy harvesters. <i>Applied Energy</i> , 2019 , 254, 113737	10.7	29

119	Geometrically exact equation of motion for large-amplitude oscillation of cantilevered pipe conveying fluid. <i>Nonlinear Dynamics</i> , 2019 , 98, 2097-2114	5	15
118	Low-velocity impact response of viscoelastic material filled FG honeycomb reinforced laminate plate in hygrothermal environments. <i>Composites Part B: Engineering</i> , 2019 , 165, 255-271	10	8
117	Experimental investigation of aerodynamic energy harvester with different interference cylinder cross-sections. <i>Energy</i> , 2019 , 167, 970-981	7.9	55
116	Nonlinear vibration control of a cantilevered fluid-conveying pipe using the idea of nonlinear energy sink. <i>Nonlinear Dynamics</i> , 2019 , 95, 1435-1456	5	24
115	Non-planar responses of cantilevered pipes conveying fluid with intermediate motion constraints. <i>Nonlinear Dynamics</i> , 2018 , 93, 505-524	5	15
114	Dynamics of axially functionally graded cantilevered pipes conveying fluid. <i>Composite Structures</i> , 2018 , 190, 112-118	5.3	41
113	Vortex-induced vibrations of a pipe subjected to unsynchronized support motions. <i>Journal of Marine Science and Technology</i> , 2018 , 23, 978-990	1.7	6
112	Characteristics and comparative analysis of monostable and bistable piezomagnetoelastic energy harvesters under vortex-induced vibrations 2018 ,		2
111	Three-dimensional vibration of cantilevered fluid-conveying micropipesTypes of periodic motions and small-scale effect. <i>International Journal of Non-Linear Mechanics</i> , 2018 , 102, 112-135	2.8	15
110	Nonlinear Forced Vibration of Cantilevered Pipes Conveying Fluid. <i>Acta Mechanica Solida Sinica</i> , 2018 , 31, 32-50	2	20
109	A standard experimental method for determining the material length scale based on modified couple stress theory. <i>International Journal of Mechanical Sciences</i> , 2018 , 141, 198-205	5.5	90
108	Dynamic effective equivalent stiffness analysis on the periodical honeycomb reinforced composite laminated structure filled with viscoelastic damping material. <i>Composite Structures</i> , 2018 , 193, 306-320	5.3	12
107	Three-dimensional vortex-induced vibrations of supported pipes conveying fluid based on wake oscillator models. <i>Journal of Sound and Vibration</i> , 2018 , 422, 590-612	3.9	44
106	Dynamics and Stability of Pinned-Free Micropipes Conveying Fluid. <i>Journal of Mechanics</i> , 2018 , 34, 533-539		2
105	Nonlinear dynamics of a sliding pipe conveying fluid. <i>Journal of Fluids and Structures</i> , 2018 , 81, 36-57	3.1	8
104	Exact modes for post-buckling characteristics of nonlocal nanobeams in a longitudinal magnetic field. <i>Applied Mathematical Modelling</i> , 2018 , 55, 758-775	4.5	41
103	Nonlinear analysis and characteristics of inductive galloping energy harvesters. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018 , 59, 580-591	3.7	29
102	Stability and nonplanar postbuckling behavior of current-carrying microwires in a longitudinal magnetic field. <i>Journal of Mechanics of Materials and Structures</i> , 2018 , 13, 481-503	1.2	4

101	Vortex-induced vibrations mitigation through a nonlinear energy sink. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 42, 22-36	3.7	56
100	On the potential of monostable piezomagnetoelastic energy harvesting from vortex-induced vibrations 2017 ,		1
99	Characteristics and control of base-excited dynamical system through a vibration absorber energy harvester 2017 ,		1
98	Towards control of cross-flow-induced vibrations based on energy harvesting. <i>Nonlinear Dynamics</i> , 2017 , 88, 2329-2346	5	15
97	Nonlinear dynamics of cantilevered pipes conveying fluid: Towards a further understanding of the effect of loose constraints. <i>International Journal of Non-Linear Mechanics</i> , 2017 , 95, 19-29	2.8	29
96	Piezomagnetoelastic energy harvesting from vortex-induced vibrations using monostable characteristics. <i>Applied Energy</i> , 2017 , 203, 142-153	10.7	104
95	Nonlinear dynamics of a fluid-conveying pipe under the combined action of cross-flow and top-end excitations. <i>Applied Ocean Research</i> , 2017 , 62, 199-209	3.4	37
94	Nonlinear frequency analysis of buckled nanobeams in the presence of longitudinal magnetic field. <i>Acta Mechanica Solida Sinica</i> , 2017 , 30, 465-473	2	14
93	Three-dimensional dynamics of supported pipes conveying fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2017 , 33, 1065-1074	2	18
92	Improving the performance of aeroelastic energy harvesters by an interference cylinder. <i>Applied Physics Letters</i> , 2017 , 111, 073904	3.4	52
91	Design and experimental analysis of broadband energy harvesting from vortex-induced vibrations. <i>Journal of Sound and Vibration</i> , 2017 , 408, 210-219	3.9	75
90	Control of base-excited dynamical systems through piezoelectric energy harvesting absorber. <i>Smart Materials and Structures</i> , 2017 , 26, 095013	3.4	15
89	Size-dependent pull-in voltage and nonlinear dynamics of electrically actuated microcantilever-based MEMS: A full nonlinear analysis. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 46, 116-125	3.7	27
88	Suppressing Wind-Induced Oscillations of Prismatic Structures by Dynamic Vibration Absorbers. <i>International Journal of Structural Stability and Dynamics</i> , 2017 , 17, 1750056	1.9	9
87	Nonlinear impacting oscillations of pipe conveying pulsating fluid subjected to distributed motion constraints. <i>Journal of Mechanics of Materials and Structures</i> , 2017 , 12, 563-578	1.2	4
86	Nonlinear dynamic responses of electrostatically actuated microcantilevers containing internal fluid flow. <i>Microfluidics and Nanofluidics</i> , 2017 , 21, 1	2.8	6
85	Dynamics and Stability of Magnetically Actuated Pipes Conveying Fluid. <i>International Journal of Structural Stability and Dynamics</i> , 2016 , 16, 1550026	1.9	11
84	Mode exchange and unstable modes in the dynamics of conical pipes conveying fluid. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 1003-1009	2	14

83	Dynamics and stability of an extending beam attached to an axially moving base immersed in dense fluid. <i>Journal of Sound and Vibration</i> , 2016 , 383, 364-383	3.9	11
82	Nonlinear Vibration of A Loosely Supported Curved Pipe Conveying Pulsating Fluid under Principal Parametric Resonance. <i>Acta Mechanica Solida Sinica</i> , 2016 , 29, 468-478	2	11
81	Effect of initial stretch ratio on the electromechanical responses of dielectric elastomer actuators. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	9
80	Surface effect on the nonlinear forced vibration of cantilevered nanobeams. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016 , 80, 25-30	3	22
79	Usefulness of passive non-linear energy sinks in controlling galloping vibrations. <i>International Journal of Non-Linear Mechanics</i> , 2016 , 81, 83-94	2.8	22
78	Natural Frequency and Stability Tuning of Cantilevered CNTs Conveying Fluid in Magnetic Field. <i>Acta Mechanica Solida Sinica</i> , 2016 , 29, 567-576	2	52
77	Orientation of bluff body for designing efficient energy harvesters from vortex-induced vibrations. <i>Applied Physics Letters</i> , 2016 , 108, 053902	3.4	87
76	Nonlinear and chaotic vibrations of cantilevered micropipes conveying fluid based on modified couple stress theory. <i>International Journal of Engineering Science</i> , 2016 , 105, 93-107	5.7	67
75	Nonlinear free vibration of a cantilever nanobeam with surface effects: Semi-analytical solutions. <i>International Journal of Mechanical Sciences</i> , 2016 , 113, 184-195	5.5	27
74	Modeling and performance of electromagnetic energy harvesting from galloping oscillations. <i>Smart Materials and Structures</i> , 2015 , 24, 045012	3.4	88
73	Nonlinear dynamics of cantilevered microbeams based on modified couple stress theory. <i>International Journal of Engineering Science</i> , 2015 , 94, 103-112	5.7	103
72	Nonlinear impacting oscillations of a fluid-conveying pipe subjected to distributed motion constraints. <i>Nonlinear Dynamics</i> , 2015 , 81, 893-906	5	21
71	Nonlinear dynamics of an underwater slender beam with two axially moving supports. <i>Ocean Engineering</i> , 2015 , 108, 402-415	3.9	8
70	Nonlinear oscillations of a dielectric elastomer membrane subjected to in-plane stretching. <i>Nonlinear Dynamics</i> , 2015 , 82, 1709-1719	5	17
69	Time-delay feedback controller for amplitude reduction in vortex-induced vibrations. <i>Nonlinear Dynamics</i> , 2015 , 80, 59-70	5	26
68	On nonlinear behavior and buckling of fluid-transporting nanotubes. <i>International Journal of Engineering Science</i> , 2015 , 87, 13-22	5.7	39
67	Dynamics and pull-in instability of electrostatically actuated microbeams conveying fluid. <i>Microfluidics and Nanofluidics</i> , 2015 , 18, 49-55	2.8	38
66	Nonconservative pipes conveying fluid: evolution of mode shapes with increasing flow velocity. <i>JVC/Journal of Vibration and Control</i> , 2015 , 21, 3359-3367	2	10

65	Dynamics and instability of current-carrying microbeams in a longitudinal magnetic field. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015 , 66, 87-92	3	14
64	Surface effect on the pull-in instability of cantilevered nano-switches based on a full nonlinear model. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015 , 73, 141-147	3	16
63	A size-dependent third-order shear deformable plate model incorporating strain gradient effects for mechanical analysis of functionally graded circular/annular microplates. <i>Composites Part B: Engineering</i> , 2015 , 79, 553-580	10	72
62	Piezoelectric energy harvesting from concurrent vortex-induced vibrations and base excitations. <i>Nonlinear Dynamics</i> , 2014 , 77, 967-981	5	145
61	Aeroelastic galloping response of square prisms: The role of time-delayed feedbacks. <i>International Journal of Engineering Science</i> , 2014 , 75, 79-84	5.7	21
60	Nonlinear dynamics and synchronization of two coupled pipes conveying pulsating fluid. <i>Acta Mechanica Sinica</i> , 2014 , 27, 162-171	2	9
59	Size-dependent vibration analysis of a microbeam in flow based on modified couple stress theory. <i>International Journal of Engineering Science</i> , 2014 , 85, 20-30	5.7	33
58	In-plane and out-of-plane free vibration and stability of a curved rod in flow. <i>Journal of Fluids and Structures</i> , 2014 , 49, 667-686	3.1	5
57	In-plane and out-of-plane dynamics of a curved pipe conveying pulsating fluid. <i>Nonlinear Dynamics</i> , 2014 , 75, 603-619	5	20
56	Control of cross-flow-induced vibrations of square cylinders using linear and nonlinear delayed feedbacks. <i>Nonlinear Dynamics</i> , 2014 , 78, 907-919	5	21
55	Theoretical modeling and nonlinear analysis of piezoelectric energy harvesting from vortex-induced vibrations. <i>Journal of Intelligent Material Systems and Structures</i> , 2014 , 25, 1861-1874	2.3	112
54	Nonlinear modeling and size-dependent vibration analysis of curved microtubes conveying fluid based on modified couple stress theory. <i>International Journal of Engineering Science</i> , 2014 , 84, 1-10	5.7	80
53	Vortex-induced vibrations of pipes conveying pulsating fluid. <i>Ocean Engineering</i> , 2014 , 77, 12-22	3.9	57
52	Modeling and nonlinear dynamics of fluid-conveying risers under hybrid excitations. <i>International Journal of Engineering Science</i> , 2014 , 81, 1-14	5.7	47
51	Flow-induced vibration of curved cylinder arrays subject to loose support. <i>Nonlinear Dynamics</i> , 2014 , 78, 2533-2545	5	3
50	Dynamic Stability of Periodic Pipes Conveying Fluid. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2014 , 81,	2.7	49
49	Modeling and Identification of Circular Cylinder-based Piezoaeroelastic Energy Harvesters. <i>Energy Procedia</i> , 2014 , 61, 2818-2821	2.3	5
48	Free vibration and stability of a cantilever beam attached to an axially moving base immersed in fluid. <i>Journal of Sound and Vibration</i> , 2014 , 333, 2543-2555	3.9	31

47	Internal-external resonance of a curved pipe conveying fluid resting on a nonlinear elastic foundation. <i>Nonlinear Dynamics</i> , 2014 , 76, 867-886	5	13
46	Dynamics of a fluid-conveying pipe composed of two different materials. <i>International Journal of Engineering Science</i> , 2013 , 73, 67-76	5.7	49
45	Flexural vibrations of microscale pipes conveying fluid by considering the size effects of micro-flow and micro-structure. <i>International Journal of Engineering Science</i> , 2013 , 71, 92-101	5.7	67
44	Vortex-induced vibrations of pipes conveying fluid in the subcritical and supercritical regimes. <i>Journal of Fluids and Structures</i> , 2013 , 39, 322-334	3.1	71
43	Size-dependent vibration analysis of three-dimensional cylindrical microbeams based on modified couple stress theory: A unified treatment. <i>International Journal of Engineering Science</i> , 2013 , 68, 1-10	5.7	63
42	Natural frequency analysis of fluid-conveying pipes in the ADINA system. <i>Journal of Physics: Conference Series</i> , 2013 , 448, 012014	0.3	4
41	Flutter instability of supported pipes conveying fluid subjected to distributed follower forces. <i>Acta Mechanica Sinica</i> , 2012 , 25, 46-52	2	30
40	Surface effect on buckling configuration of nanobeams containing internal flowing fluid: A nonlinear analysis. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012 , 44, 808-812	3	32
39	Dynamics of simply supported fluid-conveying pipes with geometric imperfections. <i>Journal of Fluids and Structures</i> , 2012 , 29, 97-106	3.1	58
38	Cross-flow-induced instability and nonlinear dynamics of cylinder arrays with consideration of initial axial load. <i>Nonlinear Dynamics</i> , 2012 , 67, 1043-1051	5	22
37	Vibration and enhanced stability properties of fluid-conveying pipes with two symmetric elbows fitted at downstream end. <i>Archive of Applied Mechanics</i> , 2012 , 82, 155-161	2.2	20
36	Vibration analysis of three-dimensional pipes conveying fluid with consideration of steady combined force by transfer matrix method. <i>Applied Mathematics and Computation</i> , 2012 , 219, 2453-2464 ^{2.7}	2.7	42
35	Vibration and stability of micro-scale cylindrical shells conveying fluid based on modified couple stress theory. <i>Micro and Nano Letters</i> , 2012 , 7, 679	0.9	31
34	Vibration analysis of nanotubes conveying fluid based on gradient elasticity theory. <i>JVC/Journal of Vibration and Control</i> , 2012 , 18, 313-320	2	24
33	Free Vibration of Micro- and Nano-Shells Based on Modified Couple Stress Theory. <i>Journal of Computational and Theoretical Nanoscience</i> , 2012 , 9, 814-818	0.3	25
32	Vortex-induced vibration of pipes conveying fluid using the method of multiple scales. <i>Theoretical and Applied Mechanics Letters</i> , 2012 , 2, 022006	1.8	7
31	A modified nonlocal beam model for vibration and stability of nanotubes conveying fluid. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011 , 44, 25-28	3	51
30	Size effect on the static behavior of electrostatically actuated microbeams. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2011 , 27, 445-451	2	41

29	Application of the differential transformation method to vibration analysis of pipes conveying fluid. <i>Applied Mathematics and Computation</i> , 2011 , 217, 7028-7038	2.7	77
28	Strain gradient beam model for dynamics of microscale pipes conveying fluid. <i>Applied Mathematical Modelling</i> , 2011 , 35, 2864-2873	4.5	47
27	Vibration characteristics of fluid-conveying carbon nanotubes with curved longitudinal shape. <i>Computational Materials Science</i> , 2010 , 49, 99-103	3.2	53
26	Wave propagation of fluid-conveying single-walled carbon nanotubes via gradient elasticity theory. <i>Computational Materials Science</i> , 2010 , 49, 761-766	3.2	92
25	Microfluid-induced vibration and stability of structures modeled as microscale pipes conveying fluid based on non-classical Timoshenko beam theory. <i>Microfluidics and Nanofluidics</i> , 2010 , 9, 955-962	2.8	58
24	Hopf bifurcation and chaotic motions of a tubular cantilever subject to cross flow and loose support. <i>Nonlinear Dynamics</i> , 2010 , 59, 329-338	5	19
23	Size-dependent vibration characteristics of fluid-conveying microtubes. <i>Journal of Fluids and Structures</i> , 2010 , 26, 675-684	3.1	150
22	Vibration analysis of fluid-conveying nanotubes with consideration of surface effects. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010 , 43, 437-439	3	92
21	Nonlinear non-classical microscale beams: Static bending, postbuckling and free vibration. <i>International Journal of Engineering Science</i> , 2010 , 48, 2044-2053	5.7	230
20	The effect of axial extension on the fluidelastic vibration of an array of cylinders in cross-flow. <i>Nuclear Engineering and Design</i> , 2010 , 240, 1707-1713	1.8	15
19	Vibration analysis of microscale plates based on modified couple stress theory. <i>Acta Mechanica Solida Sinica</i> , 2010 , 23, 386-393	2	161
18	Vibration of Slender Structures Subjected to Axial Flow or Axially Towed in Quiescent Fluid. <i>Advances in Acoustics and Vibration</i> , 2009 , 2009, 1-19	0.8	7
17	Stability and Chaotic Vibrations of a Fluid-Conveying Pipe with Additional Combined Constraints. <i>Journal of Mechanics</i> , 2009 , 25, 85-93	1	1
16	Instability of simply supported pipes conveying fluid under thermal loads. <i>Mechanics Research Communications</i> , 2009 , 36, 413-417	2.2	45
15	3-scroll and 4-scroll chaotic attractors generated from a new 3-D quadratic autonomous system. <i>Nonlinear Dynamics</i> , 2009 , 56, 453-462	5	85
14	A further study on the non-linear dynamics of simply supported pipes conveying pulsating fluid. <i>International Journal of Non-Linear Mechanics</i> , 2009 , 44, 115-121	2.8	60
13	A reappraisal of the computational modelling of carbon nanotubes conveying viscous fluid. <i>Mechanics Research Communications</i> , 2009 , 36, 833-837	2.2	99
12	Vibration and instability analysis of tubular nano- and micro-beams conveying fluid using nonlocal elastic theory. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2009 , 41, 1835-1840	3	132

11	Dynamical behaviors of double-walled carbon nanotubes conveying fluid accounting for the role of small length scale. <i>Computational Materials Science</i> , 2009 , 45, 584-588	3.2	99
10	Yet another 3D quadratic autonomous system generating three-wing and four-wing chaotic attractors. <i>Chaos</i> , 2009 , 19, 013107	3.3	18
9	On vibration and instability of carbon nanotubes conveying fluid. <i>Computational Materials Science</i> , 2008 , 43, 399-402	3.2	85
8	Buckling instability of double-wall carbon nanotubes conveying fluid. <i>Computational Materials Science</i> , 2008 , 44, 821-825	3.2	67
7	Non-linear responses of a one-sided constrained beam with base excitation. <i>IMA Journal of Applied Mathematics</i> , 2008 , 74, 85-96	1	
6	LARGE-AMPLITUDE FREE VIBRATIONS OF FLUID-CONVEYING PIPES ON A PASTERNAK FOUNDATION. <i>International Journal of Structural Stability and Dynamics</i> , 2008 , 08, 615-626	1.9	15
5	Nonlinear Responses of a Fluid-Conveying Pipe Embedded in Nonlinear Elastic Foundations. <i>Acta Mechanica Solida Sinica</i> , 2008 , 21, 170-176	2	9
4	Vibration and stability of vertical upward-fluid-conveying pipe immersed in rigid cylindrical channel. <i>Acta Mechanica Solida Sinica</i> , 2008 , 21, 431-440	2	17
3	The thermal effect on vibration and instability of carbon nanotubes conveying fluid. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008 , 40, 3179-3182	3	153
2	A note on the stability and chaotic motions of a restrained pipe conveying fluid. <i>Journal of Sound and Vibration</i> , 2006 , 296, 1079-1083	3.9	25
1	Nonlinear analysis of L-shaped pipe conveying fluid with the aid of absolute nodal coordinate formulation. <i>Nonlinear Dynamics</i> , 1	5	1