Lin Wang

List of Publications by Citations

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	Nonlinear non-classical microscale beams: Static bending, postbuckling and free vibration. *International Journal of Engineering Science*, **2010**, 48, 2044-2053	5.7	230
153	Vibration analysis of microscale plates based on modified couple stress theory. *Acta Mechanica Solida Sinica*, **2010**, 23, 386-393	2	161
152	The thermal effect on vibration and instability of carbon nanotubes conveying fluid. *Physica E: Low-Dimensional Systems and Nanostructures*, **2008**, 40, 3179-3182	3	153
151	Size-dependent vibration characteristics of fluid-conveying microtubes. *Journal of Fluids and Structures*, **2010**, 26, 675-684	3.1	150
150	Piezoelectric energy harvesting from concurrent vortex-induced vibrations and base excitations. *Nonlinear Dynamics*, **2014**, 77, 967-981	5	145
149	Vibration and instability analysis of tubular nano- and micro-beams conveying fluid using nonlocal elastic theory. *Physica E: Low-Dimensional Systems and Nanostructures*, **2009**, 41, 1835-1840	3	132
148	Theoretical modeling and nonlinear analysis of piezoelectric energy harvesting from vortex-induced vibrations. *Journal of Intelligent Material Systems and Structures*, **2014**, 25, 1861-1874	2.3	112
147	Piezomagnetoelastic energy harvesting from vortex-induced vibrations using monostable characteristics. *Applied Energy*, **2017**, 203, 142-153	10.7	104
146	Nonlinear dynamics of cantilevered microbeams based on modified couple stress theory. *International Journal of Engineering Science*, **2015**, 94, 103-112	5.7	103
145	A reappraisal of the computational modelling of carbon nanotubes conveying viscous fluid. *Mechanics Research Communications*, **2009**, 36, 833-837	2.2	99
144	Dynamical behaviors of double-walled carbon nanotubes conveying fluid accounting for the role of small length scale. *Computational Materials Science*, **2009**, 45, 584-588	3.2	99
143	Wave propagation of fluid-conveying single-walled carbon nanotubes via gradient elasticity theory. *Computational Materials Science*, **2010**, 49, 761-766	3.2	92
142	Vibration analysis of fluid-conveying nanotubes with consideration of surface effects. *Physica E: Low-Dimensional Systems and Nanostructures*, **2010**, 43, 437-439	3	92
141	A standard experimental method for determining the material length scale based on modified couple stress theory. *International Journal of Mechanical Sciences*, **2018**, 141, 198-205	5.5	90
140	Modeling and performance of electromagnetic energy harvesting from galloping oscillations. *Smart Materials and Structures*, **2015**, 24, 045012	3.4	88
139	Orientation of bluff body for designing efficient energy harvesters from vortex-induced vibrations. *Applied Physics Letters*, **2016**, 108, 053902	3.4	87
138	3-scroll and 4-scroll chaotic attractors generated from a new 3-D quadratic autonomous system. *Nonlinear Dynamics*, **2009**, 56, 453-462	5	85

137	On vibration and instability of carbon nanotubes conveying fluid. *Computational Materials Science*, **2008**, 43, 399-402	3.2	85
136	Nonlinear modeling and size-dependent vibration analysis of curved microtubes conveying fluid based on modified couple stress theory. *International Journal of Engineering Science*, **2014**, 84, 1-10	5.7	80
135	Application of the differential transformation method to vibration analysis of pipes conveying fluid. *Applied Mathematics and Computation*, **2011**, 217, 7028-7038	2.7	77
134	Design and experimental analysis of broadband energy harvesting from vortex-induced vibrations. *Journal of Sound and Vibration*, **2017**, 408, 210-219	3.9	75
133	A size-dependent third-order shear deformable plate model incorporating strain gradient effects for mechanical analysis of functionally graded circular/annular microplates. *Composites Part B: Engineering*, **2015**, 79, 553-580	10	72
132	Vortex-induced vibrations of pipes conveying fluid in the subcritical and supercritical regimes. *Journal of Fluids and Structures*, **2013**, 39, 322-334	3.1	71
131	Flexural vibrations of microscale pipes conveying fluid by considering the size effects of micro-flow and micro-structure. *International Journal of Engineering Science*, **2013**, 71, 92-101	5.7	67
130	Buckling instability of double-wall carbon nanotubes conveying fluid. *Computational Materials Science*, **2008**, 44, 821-825	3.2	67
129	Nonlinear and chaotic vibrations of cantilevered micropipes conveying fluid based on modified couple stress theory. *International Journal of Engineering Science*, **2016**, 105, 93-107	5.7	67
128	Size-dependent vibration analysis of three-dimensional cylindrical microbeams based on modified couple stress theory: A unified treatment. *International Journal of Engineering Science*, **2013**, 68, 1-10	5.7	63
127	A further study on the non-linear dynamics of simply supported pipes conveying pulsating fluid. *International Journal of Non-Linear Mechanics*, **2009**, 44, 115-121	2.8	60
126	Dynamics of simply supported fluid-conveying pipes with geometric imperfections. *Journal of Fluids and Structures*, **2012**, 29, 97-106	3.1	58
125	Microfluid-induced vibration and stability of structures modeled as microscale pipes conveying fluid based on non-classical Timoshenko beam theory. *Microfluidics and Nanofluidics*, **2010**, 9, 955-962	2.8	58
124	Vortex-induced vibrations of pipes conveying pulsating fluid. *Ocean Engineering*, **2014**, 77, 12-22	3.9	57
123	Vortex-induced vibrations mitigation through a nonlinear energy sink. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 42, 22-36	3.7	56
122	Experimental investigation of aerodynamic energy harvester with different interference cylinder cross-sections. *Energy*, **2019**, 167, 970-981	7.9	55
121	Vibration characteristics of fluid-conveying carbon nanotubes with curved longitudinal shape. *Computational Materials Science*, **2010**, 49, 99-103	3.2	53
120	Improving the performance of aeroelastic energy harvesters by an interference cylinder. *Applied Physics Letters*, **2017**, 111, 073904	3.4	52

119	Natural Frequency and Stability Tuning of Cantilevered CNTs Conveying Fluid in Magnetic Field. *Acta Mechanica Solida Sinica*, **2016**, 29, 567-576	2	52
118	Galloping triboelectric nanogenerator for energy harvesting under low wind speed. *Nano Energy*, **2020**, 70, 104477	17.1	51
117	A modified nonlocal beam model for vibration and stability of nanotubes conveying fluid. *Physica E: Low-Dimensional Systems and Nanostructures*, **2011**, 44, 25-28	3	51
116	Dynamics of a fluid-conveying pipe composed of two different materials. *International Journal of Engineering Science*, **2013**, 73, 67-76	5.7	49
115	Dynamic Stability of Periodic Pipes Conveying Fluid. *Journal of Applied Mechanics, Transactions ASME*, **2014**, 81,	2.7	49
114	Modeling and nonlinear dynamics of fluid-conveying risers under hybrid excitations. *International Journal of Engineering Science*, **2014**, 81, 1-14	5.7	47
113	Strain gradient beam model for dynamics of microscale pipes conveying fluid. *Applied Mathematical Modelling*, **2011**, 35, 2864-2873	4.5	47
112	Instability of simply supported pipes conveying fluid under thermal loads. *Mechanics Research Communications*, **2009**, 36, 413-417	2.2	45
111	Three-dimensional vortex-induced vibrations of supported pipes conveying fluid based on wake oscillator models. *Journal of Sound and Vibration*, **2018**, 422, 590-612	3.9	44
110	Vibration analysis of three-dimensional pipes conveying fluid with consideration of steady combined force by transfer matrix method. *Applied Mathematics and Computation*, **2012**, 219, 2453-2464	2.7	42
109	Dynamics of axially functionally graded cantilevered pipes conveying fluid. *Composite Structures*, **2018**, 190, 112-118	5.3	41
108	Size effect on the static behavior of electrostatically actuated microbeams. *Acta Mechanica Sinica/Lixue Xuebao*, **2011**, 27, 445-451	2	41
107	Exact modes for post-buckling characteristics of nonlocal nanobeams in a longitudinal magnetic field. *Applied Mathematical Modelling*, **2018**, 55, 758-775	4.5	41
106	On nonlinear behavior and buckling of fluid-transporting nanotubes. *International Journal of Engineering Science*, **2015**, 87, 13-22	5.7	39
105	Design of high-efficiency electromagnetic energy harvester based on a rolling magnet. *Energy Conversion and Management*, **2019**, 185, 202-210	10.6	38
104	Dynamics and pull-in instability of electrostatically actuated microbeams conveying fluid. *Microfluidics and Nanofluidics*, **2015**, 18, 49-55	2.8	38
103	Nonlinear dynamics of a fluid-conveying pipe under the combined action of cross-flow and top-end excitations. *Applied Ocean Research*, **2017**, 62, 199-209	3.4	37
102	Size-dependent vibration analysis of a microbeam in flow based on modified couple stress theory. *International Journal of Engineering Science*, **2014**, 85, 20-30	5.7	33

101	Surface effect on buckling configuration of nanobeams containing internal flowing fluid: A nonlinear analysis. *Physica E: Low-Dimensional Systems and Nanostructures*, **2012**, 44, 808-812	3	32
100	Free vibration and stability of a cantilever beam attached to an axially moving base immersed in fluid. *Journal of Sound and Vibration*, **2014**, 333, 2543-2555	3.9	31
99	Vibration and stability of micro-scale cylindrical shells conveying fluid based on modified couple stress theory. *Micro and Nano Letters*, **2012**, 7, 679	0.9	31
98	Flutter instability of supported pipes conveying fluid subjected to distributed follower forces. *Acta Mechanica Solida Sinica*, **2012**, 25, 46-52	2	30
97	Nonlinear dynamics of cantilevered pipes conveying fluid: Towards a further understanding of the effect of loose constraints. *International Journal of Non-Linear Mechanics*, **2017**, 95, 19-29	2.8	29
96	Theoretical modeling, wind tunnel measurements, and realistic environment testing of galloping-based electromagnetic energy harvesters. *Applied Energy*, **2019**, 254, 113737	10.7	29
95	Nonlinear analysis and characteristics of inductive galloping energy harvesters. *Communications in Nonlinear Science and Numerical Simulation*, **2018**, 59, 580-591	3.7	29
94	Size-dependent pull-in voltage and nonlinear dynamics of electrically actuated microcantilever-based MEMS: A full nonlinear analysis. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 46, 116-125	3.7	27
93	Nonlinear free vibration of a cantilever nanobeam with surface effects: Semi-analytical solutions. *International Journal of Mechanical Sciences*, **2016**, 113, 184-195	5.5	27
92	Time-delay feedback controller for amplitude reduction in vortex-induced vibrations. *Nonlinear Dynamics*, **2015**, 80, 59-70	5	26
91	Free Vibration of Micro- and Nano-Shells Based on Modified Couple Stress Theory. *Journal of Computational and Theoretical Nanoscience*, **2012**, 9, 814-818	0.3	25
90	A note on the stability and chaotic motions of a restrained pipe conveying fluid. *Journal of Sound and Vibration*, **2006**, 296, 1079-1083	3.9	25
89	Vibration analysis of nanotubes conveying fluid based on gradient elasticity theory. *JVC/Journal of Vibration and Control*, **2012**, 18, 313-320	2	24
88	Nonlinear vibration control of a cantilevered fluid-conveying pipe using the idea of nonlinear energy sink. *Nonlinear Dynamics*, **2019**, 95, 1435-1456	5	24
87	Nonplanar multi-modal vibrations of fluid-conveying risers under shear cross flows. *Applied Ocean Research*, **2019**, 88, 187-209	3.4	23
86	Surface effect on the nonlinear forced vibration of cantilevered nanobeams. *Physica E: Low-Dimensional Systems and Nanostructures*, **2016**, 80, 25-30	3	22
85	Usefulness of passive non-linear energy sinks in controlling galloping vibrations. *International Journal of Non-Linear Mechanics*, **2016**, 81, 83-94	2.8	22
84	Cross-flow-induced instability and nonlinear dynamics of cylinder arrays with consideration of initial axial load. *Nonlinear Dynamics*, **2012**, 67, 1043-1051	5	22

83	Nonlinear free vibration of nanobeams based on nonlocal strain gradient theory with the consideration of thickness-dependent size effect. *Journal of Mechanics of Materials and Structures*, **2019**, 14, 119-137	1.2	21
82	Nonlinear impacting oscillations of a fluid-conveying pipe subjected to distributed motion constraints. *Nonlinear Dynamics*, **2015**, 81, 893-906	5	21
81	Aeroelastic galloping response of square prisms: The role of time-delayed feedbacks. *International Journal of Engineering Science*, **2014**, 75, 79-84	5.7	21
80	Control of cross-flow-induced vibrations of square cylinders using linear and nonlinear delayed feedbacks. *Nonlinear Dynamics*, **2014**, 78, 907-919	5	21
79	On mechanics of functionally graded hard-magnetic soft beams. *International Journal of Engineering Science*, **2020**, 157, 103391	5.7	21
78	Nonlinear Forced Vibration of Cantilevered Pipes Conveying Fluid. *Acta Mechanica Solida Sinica*, **2018**, 31, 32-50	2	20
77	In-plane and out-of-plane dynamics of a curved pipe conveying pulsating fluid. *Nonlinear Dynamics*, **2014**, 75, 603-619	5	20
76	Vibration and enhanced stability properties of fluid-conveying pipes with two symmetric elbows fitted at downstream end. *Archive of Applied Mechanics*, **2012**, 82, 155-161	2.2	20
75	Theoretical Modeling and Exact Solution for Extreme Bending Deformation of Hard-Magnetic Soft Beams. *Journal of Applied Mechanics, Transactions ASME*, **2020**, 87,	2.7	20
74	Hopf bifurcation and chaotic motions of a tubular cantilever subject to cross flow and loose support. *Nonlinear Dynamics*, **2010**, 59, 329-338	5	19
73	Three-dimensional dynamics of supported pipes conveying fluid. *Acta Mechanica Sinica/Lixue Xuebao*, **2017**, 33, 1065-1074	2	18
72	Yet another 3D quadratic autonomous system generating three-wing and four-wing chaotic attractors. *Chaos*, **2009**, 19, 013107	3.3	18
71	Comparative Study of Piezoelectric Vortex-Induced Vibration-Based Energy Harvesters with Multi-Stability Characteristics. *Energies*, **2020**, 13, 71	3.1	18
70	Nonlinear oscillations of a dielectric elastomer membrane subjected to in-plane stretching. *Nonlinear Dynamics*, **2015**, 82, 1709-1719	5	17
69	Vibration and stability of vertical upward-fluid-conveying pipe immersed in rigid cylindrical channel. *Acta Mechanica Solida Sinica*, **2008**, 21, 431-440	2	17
68	Stability and Nonlinear Vibration Analysis of an Axially Loaded Nanobeam Based on Nonlocal Strain Gradient Theory. *International Journal of Applied Mechanics*, **2019**, 11, 1950069	2.4	16
67	Nonplanar vortex-induced vibrations of cantilevered pipes conveying fluid subjected to loose constraints. *Ocean Engineering*, **2019**, 178, 1-19	3.9	16
66	Surface effect on the pull-in instability of cantilevered nano-switches based on a full nonlinear model. *Physica E: Low-Dimensional Systems and Nanostructures*, **2015**, 73, 141-147	3	16

65	Towards control of cross-flow-induced vibrations based on energy harvesting. *Nonlinear Dynamics*, **2017**, 88, 2329-2346	5	15
64	Non-planar responses of cantilevered pipes conveying fluid with intermediate motion constraints. *Nonlinear Dynamics*, **2018**, 93, 505-524	5	15
63	Three-dimensional vibration of cantilevered fluid-conveying micropipes□types of periodic motions and small-scale effect. *International Journal of Non-Linear Mechanics*, **2018**, 102, 112-135	2.8	15
62	Geometrically exact equation of motion for large-amplitude oscillation of cantilevered pipe conveying fluid. *Nonlinear Dynamics*, **2019**, 98, 2097-2114	5	15
61	Control of base-excited dynamical systems through piezoelectric energy harvesting absorber. *Smart Materials and Structures*, **2017**, 26, 095013	3.4	15
60	The effect of axial extension on the fluidelastic vibration of an array of cylinders in cross-flow. *Nuclear Engineering and Design*, **2010**, 240, 1707-1713	1.8	15
59	LARGE-AMPLITUDE FREE VIBRATIONS OF FLUID-CONVEYING PIPES ON A PASTERNAK FOUNDATION. *International Journal of Structural Stability and Dynamics*, **2008**, 08, 615-626	1.9	15
58	Mode exchange and unstable modes in the dynamics of conical pipes conveying fluid. *JVC/Journal of Vibration and Control*, **2016**, 22, 1003-1009	2	14
57	Nonlinear frequency analysis of buckled nanobeams in the presence of longitudinal magnetic field. *Acta Mechanica Solida Sinica*, **2017**, 30, 465-473	2	14
56	Dynamics and instability of current-carrying microbeams in a longitudinal magnetic field. *Physica E: Low-Dimensional Systems and Nanostructures*, **2015**, 66, 87-92	3	14
55	Static equilibrium configuration and nonlinear dynamics of slightly curved cantilevered pipe conveying fluid. *Journal of Sound and Vibration*, **2021**, 490, 115711	3.9	14
54	Internal-external resonance of a curved pipe conveying fluid resting on a nonlinear elastic foundation. *Nonlinear Dynamics*, **2014**, 76, 867-886	5	13
53	Complex transformations of hard-magnetic soft beams by designing residual magnetic flux density. *Soft Matter*, **2020**, 16, 6379-6388	3.6	12
52	Dynamic effective equivalent stiffness analysis on the periodical honeycomb reinforced composite laminated structure filled with viscoelastic damping material. *Composite Structures*, **2018**, 193, 306-320	5.3	12
51	Dynamics and Stability of Magnetically Actuated Pipes Conveying Fluid. *International Journal of Structural Stability and Dynamics*, **2016**, 16, 1550026	1.9	11
50	Dynamics and stability of an extending beam attached to an axially moving base immersed in dense fluid. *Journal of Sound and Vibration*, **2016**, 383, 364-383	3.9	11
49	Nonlinear Vibration of A Loosely Supported Curved Pipe Conveying Pulsating Fluid under Principal Parametric Resonance. *Acta Mechanica Solida Sinica*, **2016**, 29, 468-478	2	11
48	Three-dimensional large-deformation model of hard-magnetic soft beams. *Composite Structures*, **2021**, 266, 113822	5.3	11

47	Nonconservative pipes conveying fluid: evolution of mode shapes with increasing flow velocity. *JVC/Journal of Vibration and Control*, **2015**, 21, 3359-3367	2	10
46	Three-dimensional dynamics of fluid-conveying pipe simultaneously subjected to external axial flow. *Ocean Engineering*, **2020**, 217, 107970	3.9	10
45	Effect of initial stretch ratio on the electromechanical responses of dielectric elastomer actuators. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	9
44	Nonlinear dynamics and synchronization of two coupled pipes conveying pulsating fluid. *Acta Mechanica Solida Sinica*, **2014**, 27, 162-171	2	9
43	Suppressing Wind-Induced Oscillations of Prismatic Structures by Dynamic Vibration Absorbers. *International Journal of Structural Stability and Dynamics*, **2017**, 17, 1750056	1.9	9
42	Nonlinear Responses of a Fluid-Conveying Pipe Embedded in Nonlinear Elastic Foundations. *Acta Mechanica Solida Sinica*, **2008**, 21, 170-176	2	9
41	Nonlinear analysis of flexoelectric energy harvesters under force excitations. *International Journal of Mechanics and Materials in Design*, **2020**, 16, 19-33	2.5	9
40	Nonlinear dynamics of an underwater slender beam with two axially moving supports. *Ocean Engineering*, **2015**, 108, 402-415	3.9	8
39	Nonlinear dynamics of a sliding pipe conveying fluid. *Journal of Fluids and Structures*, **2018**, 81, 36-57	3.1	8
38	Extremely large-amplitude oscillation of soft pipes conveying fluid under gravity. *Applied Mathematics and Mechanics (English Edition)*, **2020**, 41, 1381-1400	3.2	8
37	Low-velocity impact response of viscoelastic material filled FG honeycomb reinforced laminate plate in hygrothermal environments. *Composites Part B: Engineering*, **2019**, 165, 255-271	10	8
36	Vibration of Slender Structures Subjected to Axial Flow or Axially Towed in Quiescent Fluid. *Advances in Acoustics and Vibration*, **2009**, 2009, 1-19	0.8	7
35	Vortex-induced vibration of pipes conveying fluid using the method of multiple scales. *Theoretical and Applied Mechanics Letters*, **2012**, 2, 022006	1.8	7
34	Nonlinear forced vibrations of supported pipe conveying fluid subjected to an axial base excitation. *Journal of Sound and Vibration*, **2020**, 471, 115189	3.9	6
33	Vortex-induced vibrations of a pipe subjected to unsynchronized support motions. *Journal of Marine Science and Technology*, **2018**, 23, 978-990	1.7	6
32	Nonlinear dynamic responses of electrostatically actuated microcantilevers containing internal fluid flow. *Microfluidics and Nanofluidics*, **2017**, 21, 1	2.8	6
31	Nonplanar post-buckling analysis of simply supported pipes conveying fluid with an axially sliding downstream end. *Applied Mathematics and Mechanics (English Edition)*, **2020**, 41, 15-32	3.2	6
30	In-plane and out-of-plane free vibration and stability of a curved rod in flow. *Journal of Fluids and Structures*, **2014**, 49, 667-686	3.1	5

29	Modeling and Identification of Circular Cylinder-based Piezoaeroelastic Energy Harvesters. *Energy Procedia*, **2014**, 61, 2818-2821	2.3	5
28	Vortex-induced vibration triboelectric nanogenerator for low speed wind energy harvesting. *Nano Energy*, **2022**, 95, 107029	17.1	5
27	Three-dimensional dynamical model for cantilevered pipes conveying fluid under large deformation. *Journal of Fluids and Structures*, **2021**, 105, 103329	3.1	5
26	Enhanced Stability of Two-Material Panels in Supersonic Flow: Optimization Strategy and Physical Explanation. *AIAA Journal*, **2019**, 57, 5553-5565	2.1	4
25	Nonplanar flow-induced vibrations of a cantilevered PIP structure system concurrently subjected to internal and cross flows. *Acta Mechanica Sinica/Lixue Xuebao*, **2019**, 35, 1241-1256	2	4
24	Stability and nonplanar buckling analysis of a current-carrying mircowire in three-dimensional magnetic field. *Microsystem Technologies*, **2019**, 25, 4053-4066	1.7	4
23	Nonlinear impacting oscillations of pipe conveying pulsating fluid subjected to distributed motion constraints. *Journal of Mechanics of Materials and Structures*, **2017**, 12, 563-578	1.2	4
22	Natural frequency analysis of fluid-conveying pipes in the ADINA system. *Journal of Physics: Conference Series*, **2013**, 448, 012014	0.3	4
21	Nonlinear Free Vibration of Hyperelastic Beams Based on Neo-Hookean Model. *International Journal of Structural Stability and Dynamics*, **2020**, 20, 2050015	1.9	4
20	Stability and nonplanar postbuckling behavior of current-carrying microwires in a longitudinal magnetic field. *Journal of Mechanics of Materials and Structures*, **2018**, 13, 481-503	1.2	4
19	Experimental investigation of the dissipation characteristic of sandwich structures with periodically perforated viscoelastic damping material core. *JVC/Journal of Vibration and Control*, **2019**, 25, 2008-2024	2	3
18	Planar and non-planar vibrations of a fluid-conveying cantilevered pipe subjected to axial base excitation. *Nonlinear Dynamics*, **2020**, 99, 2527-2549	5	3
17	Flow-induced vibration of curved cylinder arrays subject to loose support. *Nonlinear Dynamics*, **2014** , 78, 2533-2545	5	3
16	Dynamics and stability analysis of an axially moving beam in axial flow. *Journal of Mechanics of Materials and Structures*, **2020**, 15, 37-60	1.2	2
15	Characteristics and comparative analysis of monostable and bistable piezomagnetoelastic energy harvesters under vortex-induced vibrations **2018**,		2
14	Dynamics and Stability of Pinned-Free Micropipes Conveying Fluid. *Journal of Mechanics*, **2018**, 34, 533-539		2
13	Vibration analysis of suspended microchannel resonators characterized as cantilevered micropipes conveying fluid and nanoparticle. *Microsystem Technologies*, **2019**, 25, 197-210	1.7	2
12	New insight into the stability and dynamics of fluid-conveying supported pipes with small geometric imperfections. *Applied Mathematics and Mechanics (English Edition)*, **2021**, 42, 703-720	3.2	2

11	Non-smooth dynamics of articulated pipe conveying fluid subjected to a one-sided rigid stop. *Applied Mathematical Modelling*, **2021**, 89, 802-818	4.5	2
10	A magnetic control method for large-deformation vibration of cantilevered pipe conveying fluid. *Nonlinear Dynamics*, **2021**, 105, 1459-1481	5	2
9	On the potential of monostable piezomagnetoelastic energy harvesting from vortex-induced vibrations **2017**,		1
8	Characteristics and control of base-excited dynamical system through a vibration absorber energy harvester **2017**,		1
7	Stability and Chaotic Vibrations of a Fluid-Conveying Pipe with Additional Combined Constraints. *Journal of Mechanics*, **2009**, 25, 85-93	1	1
6	Modeling and nonlinear dynamics of cantilevered pipe with tapered free end concurrently subjected to axial internal and external flows. *Mechanical Systems and Signal Processing*, **2022**, 169, 108794	7.8	1
5	Nonlinear analysis of L-shaped pipe conveying fluid with the aid of absolute nodal coordinate formulation. *Nonlinear Dynamics*,1	5	1
4	Influence of Dry Friction on the Dynamics of Cantilevered Pipes Conveying Fluid. *Applied Sciences (Switzerland)*, **2022**, 12, 724	2.6	0
3	Cross-flow-induced transverse–torsional vibrations of slender structures mitigation via coupled controllers. *International Journal of Non-Linear Mechanics*, **2022**, 142, 104000	2.8	0
2	Geometrically exact model and dynamics of cantilevered curved pipe conveying fluid. *Journal of Sound and Vibration*, **2022**, 117074	3.9	0
1	Non-linear responses of a one-sided constrained beam with base excitation. *IMA Journal of Applied Mathematics*, **2008**, 74, 85-96	1	