Walter Lacarbonara

List of Publications by Year
in descending order

182 papers	4,376 citations	117453 34 h-index	143772 57 g-index
192 all docs	192 docs citations	192 times ranked	1973 citing authors

#	Article	IF	Citations
1	Vibrations of carbon nanotube-reinforced composites. Journal of Sound and Vibration, 2010, 329, 1875-1889.	2.1	194
2	Resonant non-linear normal modes. Part I: analytical treatment for structural one-dimensional systems. International Journal of Non-Linear Mechanics, 2003, 38, 851-872.	1.4	162
3	Multiple resonances in suspended cables: direct versus reduced-order models. International Journal of Non-Linear Mechanics, 1999, 34, 901-924.	1.4	126
4	Nonlinear Structural Mechanics. , 2013, , .		124
5	Nonlinear vibration isolation via a circular ring. Mechanical Systems and Signal Processing, 2020, 136, 106490.	4.4	114
6	Multimode Interactions in Suspended Cables. JVC/Journal of Vibration and Control, 2002, 8, 337-387.	1.5	105
7	Refined models of elastic beams undergoing large in-plane motions: Theory and experiment. International Journal of Solids and Structures, 2006, 43, 5066-5084.	1.3	103
8	Resonant non-linear normal modes. Part II: activation/orthogonality conditions for shallow structural systems. International Journal of Non-Linear Mechanics, 2003, 38, 873-887.	1.4	101
9	Nonclassical Responses of Oscillators with Hysteresis. Nonlinear Dynamics, 2003, 32, 235-258.	2.7	98
10	Title is missing!. Nonlinear Dynamics, 1998, 17, 95-117.	2.7	95
11	Non-linear interactions in imperfect beams at veering. International Journal of Non-Linear Mechanics, 2005, 40, 987-1003.	1.4	95
12	On the Discretization of Distributed-Parameter Systems with Quadratic and Cubic Nonlinearities. Nonlinear Dynamics, 1997, 13, 203-220.	2.7	94
13	A review on computational intelligence for identification of nonlinear dynamical systems. Nonlinear Dynamics, 2020, 99, 1709-1761.	2.7	94
14	Nonlinear Normal Modes of Buckled Beams: Three-to-One and One-to-One Internal Resonances. Nonlinear Dynamics, 1999, 18, 253-273.	2.7	92
15	DIRECT TREATMENT AND DISCRETIZATIONS OF NON-LINEAR SPATIALLY CONTINUOUS SYSTEMS. Journal of Sound and Vibration, 1999, 221, 849-866.	2.1	91
16	Metamaterial beam with embedded nonlinear vibration absorbers. International Journal of Non-Linear Mechanics, 2018, 98, 32-42.	1.4	85
17	Nonlinear thermomechanical oscillations of shape-memory devices. International Journal of Solids and Structures, 2004, 41, 1209-1234.	1.3	83
18	Hysteretic tuned mass dampers for structural vibration mitigation. Journal of Sound and Vibration, 2014, 333, 1302-1318.	2.1	74

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19	Nonlinear parametric modeling of suspension bridges under aeroelastic forces: torsional divergence and flutter. Nonlinear Dynamics, 2012, 70, 2487-2510.	2.7	69
20	Mitigation of post-flutter oscillations in suspension bridges by hysteretic tuned mass dampers. Engineering Structures, 2014, 69, 62-71.	2.6	68
21	Nonlinear normal modes of structural systems via asymptotic approach. International Journal of Solids and Structures, 2004, 41, 5565-5594.	1.3	64
22	Nonlinear dynamic characterization of a new hysteretic device: experiments and computations. Nonlinear Dynamics, 2016, 83, 23-39.	2.7	63
23	A geometrically exact approach to the overall dynamics of elastic rotating bladesâ€"part 1: linear modal properties. Nonlinear Dynamics, 2012, 70, 659-675.	2.7	62
24	Hysteresis of Multiconfiguration Assemblies of Nitinol and Steel Strands: Experiments and Phenomenological Identification. Journal of Engineering Mechanics - ASCE, 2015, 141, .	1.6	58
25	Non-linear modal properties of non-shallow cables. International Journal of Non-Linear Mechanics, 2007, 42, 542-554.	1.4	44
26	Dynamical response identification of a class of nonlinear hysteretic systems. Journal of Intelligent Material Systems and Structures, 2018, 29, 2795-2810.	1.4	42
27	Dynamics of container cranes: three-dimensional modeling, full-scale experiments, and identification. International Journal of Mechanical Sciences, 2015, 93, 8-21.	3.6	41
28	Nonlinear Vibration Absorber with Pinched Hysteresis: Theory and Experiments. Journal of Engineering Mechanics - ASCE, 2016, 142, .	1.6	41
29	On the linear normal modes of planar pre-stressed curved beams. Journal of Sound and Vibration, 2005, 284, 1075-1097.	2.1	40
30	On solution strategies to Saint-Venant problem. Journal of Computational and Applied Mathematics, 2007, 206, 473-497.	1.1	40
31	Parametric resonances in a base-excited double pendulum. Nonlinear Dynamics, 2012, 69, 1679-1692.	2.7	40
32	Damage detection by modal curvatures: numerical issues. JVC/Journal of Vibration and Control, 2016, 22, 1913-1927.	1.5	39
33	An updated micromechanical model based on morphological characterization of carbon nanotube nanocomposites. Composites Part B: Engineering, 2017, 115, 70-78.	5.9	39
34	Buckling and post-buckling of non-uniform non-linearly elastic rods. International Journal of Mechanical Sciences, 2008, 50, 1316-1325.	3.6	36
35	Nonlinear Aeroelastic Formulation and Postflutter Analysis of Flexible High-Aspect-Ratio Wings. Journal of Aircraft, 2013, 50, 1748-1764.	1.7	36
36	Elastodynamics of Nonshallow Suspended Cables: Linear Modal Properties. Journal of Vibration and Acoustics, Transactions of the ASME, 2007, 129, 425-433.	1.0	35

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37	Mitigation of Pedestrian-induced Vibrations in Suspension Footbridges via Multiple Tuned Mass Dampers. JVC/Journal of Vibration and Control, 2010, 16, 749-776.	1.5	35
38	Flutter Control of a Lifting Surface via Visco-Hysteretic Vibration Absorbers. International Journal of Aeronautical and Space Sciences, 2011, 12, 331-345.	1.0	35
39	Nonlinear Modeling of Cables with Flexural Stiffness. Mathematical Problems in Engineering, 2008, 2008, 1-21.	0.6	34
40	Nonlinear vibration analysis of rotating beams undergoing parametric instability: Lagging-axial motion. Mechanical Systems and Signal Processing, 2020, 144, 106892.	4.4	34
41	Dynamic response of arch bridges traversed by high-speed trains. Journal of Sound and Vibration, 2007, 304, 72-90.	2.1	33
42	A generalized higher-order theory for buckling of thick multi-layered composite plates with normal and transverse shear strains. Composite Structures, 2010, 92, 3011-3019.	3.1	33
43	Nonlinear modeling of carbon nanotube composites dissipation due to interfacial stickâ€“slip. International Journal of Plasticity, 2014, 53, 148-163.	4.1	33
44	A geometrically exact approach to the overall dynamics of elastic rotating bladesâ€”part 2: flapping nonlinear normal modes. Nonlinear Dynamics, 2012, 70, 2279-2301.	2.7	32
45	Aeroelastic behavior of long-span suspension bridges under arbitrary wind profiles. Journal of Fluids and Structures, 2014, 50, 105-119.	1.5	32
46	A generalized higher-order theory for multi-layered, shear-deformable composite plates. Acta Mechanica, 2010, 209, 85-98.	1.1	31
47	Coupling FEM With Parameter Continuation for Analysis of Bifurcations of Periodic Responses in Nonlinear Structures. Journal of Computational and Nonlinear Dynamics, 2013, 8, .	0.7	31
48	Modeling of planar nonshallow prestressed beams towards asymptotic solutions. Mechanics Research Communications, 2004, 31, 301-310.	1.0	30
49	Forced Radial Motions of Nonlinearly Viscoelastic Shells. Journal of Elasticity, 2009, 96, 155-190.	0.9	30
50	Nonlinear Active Cancellation of the Parametric Resonance in a Magnetically Levitated Body. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2004, 126, 433-442.	0.9	28
51	Flutter of an Arch Bridge via a Fully Nonlinear Continuum Formulation. Journal of Aerospace Engineering, 2011, 24, 112-123.	0.8	28
52	Closed-loop non-linear control of an initially imperfect beam with non-collocated input. Journal of Sound and Vibration, 2004, 273, 695-711.	2.1	27
53	Non-linear cancellation of the parametric resonance in elastic beams: Theory and experiment. International Journal of Solids and Structures, 2007, 44, 2209-2224.	1.3	27
54	Data-Based Nonlinear Identification and Constitutive Modeling of Hysteresis in NiTiNOL and Steel Strands. Journal of Engineering Mechanics - ASCE, 2016, 142, .	1.6	27

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55	Nonlinear response of elastic cables with flexural-torsional stiffness. International Journal of Solids and Structures, 2016, 87, 267-277.	1.3	27
56	Free in-plane vibrations of highly buckled beams carrying a lumped mass. Acta Mechanica, 2005, 180, 133-156.	1.1	26
57	Simply supported elastic beams under parametric excitation. Nonlinear Dynamics, 2008, 53, 129-138.	2.7	25
58	Nonlinear normal modes for damage detection. Meccanica, 2016, 51, 2629-2645.	1.2	25
59	A fully nonlinear dynamic formulation for rotating composite beams: Nonlinear normal modes in flapping. Composite Structures, 2014, 109, 93-105.	3.1	24
60	Open-Loop Nonlinear Vibration Control of Shallow Arches via Perturbation Approach. Journal of Applied Mechanics, Transactions ASME, 2002, 69, 325-334.	1.1	23
61	Understanding COVID-19 nonlinear multi-scale dynamic spreading in Italy. Nonlinear Dynamics, 2020, 101, 1583-1619.	2.7	23
62	Indicial functions in the aeroelasticity of bridge decks. Journal of Fluids and Structures, 2014, 48, 203-215.	1.5	22
63	Flexural vibrations of nonlinearly elastic circular rings. Meccanica, 2015, 50, 689-705.	1.2	22
64	A review on buckling and postbuckling of thin elastic beams. European Journal of Mechanics, A/Solids, 2022, 92, 104449.	2.1	22
65	Parametric instabilities of the radial motions of non-linearly viscoelastic shells under pulsating pressures. International Journal of Non-Linear Mechanics, 2012, 47, 461-472.	1.4	21
66	Mem-models as building blocks for simulation and identification of hysteretic systems. Nonlinear Dynamics, 2020, 100, 973-998.	2.7	21
67	Nonlinear Aeroelastic Formulation for Flexible High-Aspect Ratio Wings via Geometrically Exact Approach. , 2011, , .		20
68	Three-dimensional modeling of interfacial stick-slip in carbon nanotube nanocomposites. International Journal of Plasticity, 2017, 88, 204-217.	4.1	20
69	Pathfollowing of high-dimensional hysteretic systems under periodic forcing. Nonlinear Dynamics, 2021, 103, 3515-3528.	2.7	20
70	A geometrically exact formulation for thin multi-layered laminated composite plates: Theory and experiment. Composite Structures, 2011, 93, 1649-1663.	3.1	19
71	Nonlinear dynamic response of a wire rope isolator: Experiment, identification and validation. Engineering Structures, 2021, 238, 112121.	2.6	19
72	Vibration mitigation of guyed masts via tuned pendulum dampers. Structural Engineering and Mechanics, 2009, 32, 517-529.	1.0	19

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73	Enabling reduced-order data-driven nonlinear identification and modeling through naÃ¨ve elastic net regularization. International Journal of Non-Linear Mechanics, 2017, 94, 46-58.	1.4	18
74	Payload oscillations control in harbor cranes via semi-active vibration absorbers: modeling, simulations and experimental results. Procedia Engineering, 2017, 199, 501-509.	1.2	18
75	Buckling and postbuckling of extensible, shear-deformable beams: Some exact solutions and new insights. International Journal of Non-Linear Mechanics, 2021, 129, 103667.	1.4	18
76	Exploration of the Nonlinear Effect of Pendulum Tuned Mass Dampers on Vibration Control. Journal of Engineering Mechanics - ASCE, 2021, 147, .	1.6	17
77	Post-Critical Behavior of Suspension Bridges Under Nonlinear Aerodynamic Loading. Journal of Computational and Nonlinear Dynamics, 2016, 11, .	0.7	16
78	Post-Flutter Analysis of Flexible High-Aspect-Ratio Wings. , 2012, , .		15
79	Seismic effectiveness of hysteretic tuned mass dampers for inelastic structures. Engineering Structures, 2020, 216, 110591.	2.6	15
80	Nonlinear dynamic response of an isolation system with superelastic hysteresis and negative stiffness. Nonlinear Dynamics, 2022, 107, 1765-1790.	2.7	15
81	An Experimental Investigation of the Parametric Resonance in a Buckled Beam. , 2003, , 2565.		14
82	Hysteretic damping optimization in carbon nanotube nanocomposites. Composite Structures, 2018, 194, 633-642.	3.1	14
83	Galloping Instabilities of Geometrically Nonlinear Nonshallow Cables Under Steady Wind Flows. , 2005, , 1565.		13
84	Parametric Resonances of Nonlinearly Viscoelastic Rings Subject to a Pulsating Pressure. , 2007, , .		13
85	Response of Electrostatically Actuated Flexible MEMS Structures to the Onset of Low-Velocity Contact. , 2009, , .		13
86	Tailoring of pinched hysteresis for nonlinear vibration absorption via asymptotic analysis. International Journal of Non-Linear Mechanics, 2017, 94, 59-71.	1.4	13
87	Vibration Behavior of Thick Composite Laminated Plates Subject to In-Plane Pre-Stress Loading. , 2007, , 2105.		12
88	Nonlinear Finite Element-Based Path Following of Periodic Solutions. , 2011, , .		12
89	Advanced System Identification of Plates Using a Higher-Order-Spectral Approach: Theory and Experiment. , 2011, , .		12
90	Damage model of carbon nanotubes debonding in nanocomposites. Composite Structures, 2013, 96, 514-525.	3.1	12

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91	â€œSliding Crystalsâ€•on Low-Dimensional Carbonaceous Nanofillers as Distributed Nanopistons for Highly Damping Materials. ACS Applied Materials & Interfaces, 2019, 11, 38147-38159.	4.0	12
92	A ring vibration isolator enhanced by shape memory pseudoelasticity. Applied Mathematical Modelling, 2021, 100, 1-15.	2.2	12
93	Nonlinear wave propagation in locally dissipative metamaterials via Hamiltonian perturbation approach. Nonlinear Dynamics, 2022, 108, 765-787.	2.7	12
94	Optimum design of tuned mass damper with pinched hysteresis under nonstationary stochastic seismic ground motion. Mechanical Systems and Signal Processing, 2022, 170, 108745.	4.4	12
95	A three-dimensional continuum approach to the thermoelastodynamics of large-scale structures. Engineering Structures, 2012, 40, 155-167.	2.6	11
96	Delamination detection in composite laminates using high-frequency P- and S-waves â€“ Part I: Theory and analysis. Composite Structures, 2015, 134, 1095-1108.	3.1	11
97	Asymptotic dynamic modeling and response of hysteretic nanostructured beams. Nonlinear Dynamics, 2020, 99, 227-248.	2.7	11
98	Nonlinear Vibration Absorber Optimal Design via Asymptotic Approach. Procedia IUTAM, 2016, 19, 65-74.	1.2	10
99	Ropeway roller batteries dynamics: Modeling, identification, and full-scale validation. Engineering Structures, 2019, 180, 793-808.	2.6	10
100	Parametric Identification of Carbon Nanotube Nanocomposites Constitutive Response. Journal of Applied Mechanics, Transactions ASME, 2019, 86, .	1.1	10
101	Optimal Design of CNT-Nanocomposite Nonlinear Shells. Nanomaterials, 2020, 10, 2484.	1.9	10
102	Open-Loop Resonance-Cancellation Control for a Base-Excited Pendulum. JVC/Journal of Vibration and Control, 2001, 7, 1265-1279.	1.5	9
103	Nonlinear Dynamic Response of Carbon Nanotube Nanocomposite Microbeams. Journal of Computational and Nonlinear Dynamics, 2017, 12, .	0.7	9
104	Experimental data based cable tension identification via nonlinear static inverse problem. Procedia Engineering, 2017, 199, 453-458.	1.2	9
105	Nonlinear vibration absorbers for ropeway roller batteries control. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 4704-4718.	1.1	9
106	Hysteretic Beam Model for Steel Wire Ropes Hysteresis Identification. Springer Proceedings in Physics, 2015, , 261-282.	0.1	8
107	Tailoring of Hysteresis Across Different Material Scales. Springer Proceedings in Physics, 2018, , 227-250.	0.1	8
108	PoincarÃ© Map-Based Continuation of Periodic Orbits in Dynamic Discontinuous and Hysteretic Systems. , 1999, , .		8

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109	Three-Dimensional Modeling of Container Cranes. , 2013, , .		7
110	A new vibration absorber based on the hysteresis of multi-configuration NiTiNOL-steel wire ropes assemblies. MATEC Web of Conferences, 2014, 16, 01004.	0.1	7
111	A nonlinear mechanical model for the fatigue life of thin-film carbon nanotube supercapacitors. Composites Part B: Engineering, 2015, 80, 299-306.	5.9	7
112	Enhancing flutter stability in nanocomposite thin panels by harnessing CNT/polymer dissipation. Mechanics Research Communications, 2020, 104, 103495.	1.0	7
113	A Nonclassical Vibration Absorber for Pendulation Reduction. JVC/Journal of Vibration and Control, 2001, 7, 365-393.	1.5	6
114	On various representations of higher order approximations of the free oscillatory response of nonlinear dynamical systems. Journal of Sound and Vibration, 2011, 330, 3410-3423.	2.1	6
115	Nonlinear tuning of microresonators for dynamic range enhancement. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20140969.	1.0	6
116	Nonlinear interactions in deformable container cranes. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 5-20.	1.1	6
117	Harvesting energy from Faraday waves. Journal of Applied Physics, 2017, 122, 224501.	1.1	6
118	Cable tension identification via nonlinear static inverse problem. Structural Health Monitoring, 2021, 20, 546-566.	4.3	6
119	Nonlinear dynamic response of a multilayer piezoelectric nanocomposite microbeam with tip mass. Composite Structures, 2021, 256, 113077.	3.1	6
120	A Krylov accelerated Newtonâ€“Raphson scheme for efficient pseudo-arclength pathfollowing. International Journal of Non-Linear Mechanics, 2022, 145, 104116.	1.4	6
121	Linear Vibrations of Planar Prestressed Elastica Arches. , 2004, , .		5
122	Dynamic Response of Nonlinear Oscillators With Hysteresis. , 2015, , .		5
123	Delamination detection in composite laminates using high-frequency P- and S-waves â€“ Part II: Experimental validation. Composite Structures, 2015, 134, 1109-1117.	3.1	5
124	On the stability of magnetically levitated rotating rings. International Journal of Mechanical Sciences, 2017, 131-132, 286-295.	3.6	5
125	Piezoelectrically induced nonlinear resonances for dynamic morphing of lightweight panels. Journal of Sound and Vibration, 2021, 498, 115951.	2.1	5
126	Detection of Nonlinearities in Plates Via Higher-Order-Spectra: Numerical and Experimental Studies. Journal of Vibration and Acoustics, Transactions of the ASME, 2014, 136, .	1.0	4

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127	Quantifying rate dependence of hysteretic systems. Procedia Engineering, 2017, 199, 1447-1453.	1.2	4
128	Parametric resonances of nonlinear piezoelectric beams exploiting in-plane actuation. Mechanical Systems and Signal Processing, 2022, 163, 108119.	4.4	4
129	Nonlinear Dynamic Response of Nanocomposite Cantilever Beams. , 2020, , 49-57.		4
130	Nonlinear Phenomena in Hysteretic Systems. Procedia IUTAM, 2012, 5, 69-77.	1.2	3
131	On the reliability of a PCA-based method for structural diagnosis in bridge structures with environmental disturbances. MATEC Web of Conferences, 2012, 1, 01002.	0.1	3
132	The Nonlinear Theory of Plates. , 2013, , 497-592.		3
133	Computational efficiency and accuracy of sequential nonlinear cyclic analysis of carbon nanotube nanocomposites. Advances in Engineering Software, 2018, 125, 126-135.	1.8	3
134	Three-part humeral head fractures treated with a definite construct of blocked threaded wires: finite element and parametric optimization analysis. JSES International, 2021, 5, 983-991.	0.7	3
135	Periodic and Nonperiodic Thermomechanical Responses of Shape-Memory Oscillators. , 2001, , .		3
136	Buckling of Laminated Composite Plates via a Refined Higher-Order Theory. , 2006, , .		2
137	Unsteady Aerodynamic Modeling and Flutter Analysis of Long-Span Suspension Bridges. , 2012, , .		2
138	Concepts, Methods, and Paradigms. , 2013, , 1-66.		2
139	Optimized Hysteretic TMD for Seismic Control of a Nonlinear Steel Structure. , 2018, , .		2
140	STORAGE AND DAMPING OPTIMIZATION IN HYSTERETIC MULTILAYER NANOCOMPOSITES. International Journal for Multiscale Computational Engineering, 2020, 18, 141-157.	0.8	2
141	<title>Modeling and analysis of smart localized structural elements for nonlinear vibration control of a taut string</title>. , 2002, 4693, 407.		1
142	Zeroth-Order Corrections to the Euler-Bernoulli Beam Model. , 2010, , .		1
143	Nonlinear dynamics enabled systems design and control. Journal of Physics: Conference Series, 2012, 382, 012001.	0.3	1
144	On assessing the robustness of an input signal optimization algorithm for damage detection: the Info-Gap Decision Theory approach. MATEC Web of Conferences, 2012, 1, 01003.	0.1	1

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145	Design and Analysis of a Microelectromechanical Device Capable of Testing Theoretical Models of Impact at the Microscale. , 2012, , .		1
146	The Elastic Cable: From Formulation to Computation. , 2013, , 155-209.		1
147	The Nonlinear Theory of Beams. , 2013, , 285-366.		1
148	The Nonlinear Theory of Cable-Supported Structures. , 2013, , 593-680.		1
149	The Nonlinear Theory of Arch-Supported Structures. , 2013, , 681-715.		1
150	The Nonlinear Theory of Curved Beams and Flexurally Stiff Cables. , 2013, , 433-496.		1
151	Numerical and experimental assessment of the modal curvature method for damage detection in plate structures. MATEC Web of Conferences, 2014, 16, 02007.	0.1	1
152	Free Vibration of Micromembranes Subject to Prestress and Pressure. , 2015, , .		1
153	Nonlinear Vibration Absorber Design: An Asymptotic Approach. , 2015, , .		1
154	Computationally efficient reduction of modal data from finite element models by nested sets of B-splines. Composite Structures, 2015, 134, 549-564.	3.1	1
155	Numerical and Experimental Assessment of the Modal Curvature Method for Damage Detection in Plate Structures. Springer Proceedings in Physics, 2015, , 59-68.	0.1	1
156	Nonlinearity of Finite-Amplitude Waves in Rectangular Containers. , 2016, , .		1
157	Nonlinearity of Finite-Amplitude Sloshing in Rectangular Containers. Journal of Applied Mechanics, Transactions ASME, 2017, 84, .	1.1	1
158	Dynamic Response and Identification of Tower-Cable-Roller Battery Interactions in Ropeways. , 2017, , .		1
159	Interface Engineering of CNT/Polymer Nanocomposites With Tunable Damping Properties. , 2018, , .		1
160	Hysteresis Identification of Carbon Nanotube Composite Beams. , 2018, , .		1
161	Nonlinear Dynamic Response of Hysteretic Wire Ropes: Modeling and Experiments. , 2018, , .		1
162	Passive Vibration Control of Roller Batteries in Cableways. , 2018, , .		1

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163	Stabilization Environment for Swing Stabilization and MEDEVAC Hoists. , 2021, , .		1
164	Dynamic Morphing of Actuated Elastic Membranes. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2020, , 37-48.	0.1	1
165	Comparison of Linear and Nonlinear Damping Effects on a Ring Vibration Isolator. , 2020, , 13-22.		1
166	Variable Length Sling Load Hoisting Control Method. , 2022, , 233-242.		1
167	Modeling Asymmetric Hysteresis Inspired and Validated by Experimental Data. , 2022, , 371-381.		1
168	Multimode interactions in suspended cables. , 2001, , .		0
169	Nonlinear Responses of Shallow Arches at Veering. , 2003, , .		0
170	Special Issue of the Journal of Vibration and Control in honor of Professor Fabrizio Vestroni. JVC/Journal of Vibration and Control, 2008, 14, 3-5.	1.5	0
171	Nonlinear Mechanics of Three-Dimensional Solids. , 2013, , 211-283.		0
172	Elastic Instabilities of Slender Structures. , 2013, , 367-431.		0
173	Discretization Methods. , 2013, , 717-749.		0
174	Stability and Bifurcation of Structures. , 2013, , 67-153.		0
175	Nonlinear Flexural Vibrations of Unshearable Elastic Rings. , 2013, , .		0
176	Post-Flutter Bifurcation Behavior in Long-Span Suspension Bridges. , 2013, , .		0
177	A Novel Strategy to Achieve Enhanced Reinforcement and Decreased Damping in CNT-Nanocomposites. Proceedings (mdpi), 2018, 2, 427.	0.2	0
178	Launching the Feature Article series. Nonlinear Dynamics, 2020, 102, 1963-1963.	2.7	0
179	Nonlinear Wave Propagation in the Cochlea with Feed-Forward and Feed-Backward. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2011, , 165-175.	0.1	0
180	A Numerical Strategy for Multistable Nanocomposite Shells. , 2020, , 59-67.		0

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181	Optimization Strategies of Hysteretic Tuned Mass Dampers for Seismic Control. , 2020, , 99-106.		0
182	Experimental Dynamic Response of a Nonlinear Wire Rope Isolator. , 2020, , 89-98.		0