

Ney Roitman

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

372
citations

933447

10
h-index

839539

18
g-index

40
all docs

40
docs citations

40
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a structural identification methodology with uncertainty quantification through the SSI and bootstrap techniques. Mechanical Systems and Signal Processing, 2022, 165, 108290.	8.0	11
2	Modeling Human-Induced Loads Through a Calibrated Bipedal Walking Model. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2022, 32, 92-102.	0.8	5
3	Assessment of Stress Concentration Factors of Dented Rigid Risers Under Fatigue Loadings. Journal of Offshore Mechanics and Arctic Engineering, 2022, 144, .	1.2	0
4	On the optimal design and robustness of spatially distributed tuned mass dampers. Mechanical Systems and Signal Processing, 2021, 150, 107289.	8.0	21
5	Numerical comparisons of sandwich viscoelastic beam models1. DYNA (Colombia), 2019, 86, 28-36.	0.4	0
6	Impact of Damping Models in Damage Identification. Shock and Vibration, 2019, 2019, 1-12.	0.6	2
7	Fatigue Assessment of Dented Rigid Risers. , 2019, , .		1
8	On the extensional-torsional response of a flexible pipe with damaged tensile armor wires. Ocean Engineering, 2018, 161, 350-383.	4.3	12
9	Experimental and numerical evaluation of viscoelastic sandwich beams. REM: International Engineering Journal, 2017, 70, 281-287.	0.4	1
10	Improvements on the Numerical Analysis of the Coupled Extensionalâ€”Torsional Response of a Flexible Pipe. Journal of Offshore Mechanics and Arctic Engineering, 2016, 138, .	1.2	6
11	Bending Analysis of a Flexible Pipe With Broken Tensile Armor Wires. , 2015, , .		1
12	Structural modification assessment using supervised learning methods applied to vibration data. Engineering Structures, 2015, 99, 439-448.	5.3	41
13	Novelty detection for SHM using raw acceleration measurements. Structural Control and Health Monitoring, 2015, 22, 1193-1207.	4.0	27
14	Analysis of the structural behavior of a membrane using digital image processing. Mechanical Systems and Signal Processing, 2015, 54-55, 394-404.	8.0	23
15	Numerical and experimental studies of a building with roller seismic isolation bearings. Structural Engineering and Mechanics, 2015, 54, 475-489.	1.0	15
16	On the Axisymmetric Response of a Damaged Flexible Pipe. , 2014, , .		0
17	A Theoretical and Experimental Analysis of the Bending Behavior of Unbonded Flexible Pipes. , 2014, , .		1
18	A Study on the Response of a Flexible Pipe to Combined Axisymmetric Loads. , 2013, , .		6

#	ARTICLE	IF	CITATIONS
19	Experimental investigation of the large amplitude vibrations of a thin-walled column under self-weight. Structural Engineering and Mechanics, 2013, 46, 869-886.	1.0	5
20	An Experimental and Numerical Study on the Axial Compression Response of Flexible Pipes. Journal of Offshore Mechanics and Arctic Engineering, 2012, 134, .	1.2	35
21	A Study on the Extensional-Torsional Response of a Damaged Flexible Pipe. , 2012, , .		3
22	Vibration Reduction in Steel Catenary Risers by the Use of Viscoelastic Materials. , 2011, , .		2
23	An Experimental and Numerical Study on the Axial Compression Response of Flexible Pipes. , 2010, , .		5
24	Numerical and Experimental Study of a Flexible Pipe Under Torsion. , 2010, , .		8
25	On the response of flexible risers to loads imposed by hydraulic collars. Applied Ocean Research, 2009, 31, 157-170.	4.1	47
26	On the Coupled Extensionalâ€”Torsional Response of Flexible Pipes. , 2009, , .		7
27	Large deflection behavior and stability of slender bars under self weight. Structural Engineering and Mechanics, 2006, 24, 709-725.	1.0	6
28	Investigation of Constrained Viscoelastic Layers Efficiency to Increase Damping of Steel Risers Systems. , 2006, , .		1
29	Vibration reduction using passive absorption system with Coulomb damping. Mechanical Systems and Signal Processing, 2005, 19, 537-549.	8.0	12
30	Damage Identification in Offshore Platforms Using Frequency Response Functions. , 2004, , 217.		2
31	Damping Estimation of Risers Using Time-Frequency Transforms. , 2004, , .		0
32	An Experimental Investigation on the Bending Behaviour of Flexible Pipes. , 2003, , 637.		2
33	Analysis of the Response of Flexible Risers to the Loads Imposed by Hydraulic Collars. , 2003, , .		0
34	Experimental Characterization of Viscoelastic Materials as Vibration Dampers. Journal of Engineering Mechanics - ASCE, 2001, 127, 959-962.	2.9	8
35	Application of some damage identification methods in offshore platforms. Marine Structures, 1999, 12, 107-126.	3.8	29
36	ESTIMATION OF MODAL PARAMETERS THROUGH A NON-LINEAR OPTIMISATION TECHNIQUE. Mechanical Systems and Signal Processing, 1999, 13, 593-607.	8.0	7

#	ARTICLE	IF	CITATIONS
37	<title>Passive absorption system with Coulomb damping utilized to reduce structural vibrations</title>. , 1998, 3327, 13.		1
38	Analysis of single pipeline pull-in procedure using small scale models. Marine Structures, 1996, 9, 991-1002.	3.8	0
39	Identification of offshore platform structural damage using modal analysis techniques. Mechanical Systems and Signal Processing, 1992, 6, 287-295.	8.0	13
40	Dynamic response analysis of a small-scale model tension leg platform. Marine Structures, 1992, 5, 491-513.	3.8	6