

Mauro Caresta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6069485/publications.pdf>

Version: 2024-02-01

17
papers

490
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Free vibrational characteristics of isotropic coupled cylindrical and conical shells. Journal of Sound and Vibration, 2010, 329, 733-751.	3.9	127
2	Acoustic signature of a submarine hull under harmonic excitation. Applied Acoustics, 2010, 71, 17-31.	3.3	125
3	Structural and acoustic responses of a fluid-loaded cylindrical hull with structural discontinuities. Applied Acoustics, 2009, 70, 954-963.	3.3	54
4	Active control of sound radiated by a submarine in bending vibration. Journal of Sound and Vibration, 2011, 330, 615-624.	3.9	50
5	Vibration of fluid loaded conical shells. Journal of the Acoustical Society of America, 2008, 124, 2068-2077.	1.1	27
6	Reduction of Hull-Radiated Noise Using Vibroacoustic Optimization of the Propulsion System. Journal of Ship Research, 2011, 55, 149-192.	1.1	24
7	Active Control of Sound Radiated by a Submarine Hull in Axisymmetric Vibration Using Inertial Actuators. Journal of Vibration and Acoustics, Transactions of the ASME, 2012, 134, .	1.6	23
8	Transient response of structures with uncertain properties to nonlinear shock loading. Journal of Sound and Vibration, 2013, 332, 5821-5836.	3.9	14
9	Reduction of the Sound Pressure Radiated by a Submarine by Isolation of the End Caps. Journal of Vibration and Acoustics, Transactions of the ASME, 2011, 133, .	1.6	12
10	Purely axial vibration of thin cylindrical shells with shear-diaphragm boundary conditions. Applied Acoustics, 2009, 70, 1081-1086.	3.3	8
11	Dynamic characterisation and longitudinal strength of swaged joints. Applied Acoustics, 2012, 73, 484-490.	3.3	7
12	Structural analysis of plate-type fuel assemblies and development of a non-destructive method to assess their integrity. Nuclear Engineering and Design, 2013, 262, 209-218.	1.7	6
13	Active Control of Sound Radiated by a Submarine Hull in Bending Vibration Using Inertial Actuators. Noise and Vibration Worldwide, 2011, 42, 12-17.	1.0	3
14	Active Control of the Accordion Modes of a Submerged Hull. Journal of Low Frequency Noise Vibration and Active Control, 2011, 30, 169-184.	2.9	3
15	Parameters identification by a single point free response measurement. Mechanical Systems and Signal Processing, 2012, 28, 379-386.	8.0	3
16	What Really Caused the ROKS Cheonan Warship Sinking?. Advances in Acoustics and Vibration, 2014, 2014, 1-10.	0.5	3
17	Shock dynamics of random structures. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1