

Adriano Calvi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

507
citations

1040056

9
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on imperfection sensitivity and deduction of improved knock-down factors for unstiffened CFRP cylindrical shells. <i>Composite Structures</i> , 2010, 92, 1939-1946.	5.8	141
2	Realistic and efficient reliability estimation for aerospace structures. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2005, 194, 1597-1617.	6.6	99
3	A stochastic model updating technique for complex aerospace structures. <i>Finite Elements in Analysis and Design</i> , 2011, 47, 739-752.	3.2	72
4	The Euclid mission design. <i>Proceedings of SPIE</i> , 2016, , .	0.8	52
5	Reliability analysis of spacecraft structures under static and dynamic loading. <i>Computers and Structures</i> , 2006, 84, 1313-1325.	4.4	41
6	Uncertainty-based loads analysis for spacecraft: Finite element model validation and dynamic responses. <i>Computers and Structures</i> , 2005, 83, 1103-1112.	4.4	32
7	Uncertainty Analysis of a Large-Scale Satellite Finite Element Model. <i>Journal of Spacecraft and Rockets</i> , 2009, 46, 191-202.	1.9	14
8	RELIABILITY ASSESSMENT OF AXIALLY COMPRESSED COMPOSITE CYLINDRICAL SHELLS WITH RANDOM IMPERFECTIONS. <i>International Journal of Structural Stability and Dynamics</i> , 2011, 11, 215-236.	2.4	14
9	Advanced fully coupled thermo-mechanical plate elements for multilayered structures subjected to mechanical and thermal loading. <i>International Journal for Numerical Methods in Engineering</i> , 2011, 85, 896-919.	2.8	12
10	Stochastic Launcher-Satellite Coupled Dynamic Analysis. <i>Journal of Spacecraft and Rockets</i> , 2006, 43, 1308-1318.	1.9	6
11	Spacecraft base-sine vibration test data uncertainties investigation based on stochastic scatter approach. <i>Mechanical Systems and Signal Processing</i> , 2012, 32, 69-78.	8.0	5
12	A dynamic analysis of three-dimensional functionally graded beams by hierarchical models. <i>Smart Structures and Systems</i> , 2014, 13, 637-657.	1.9	5
13	Mechanical architecture and loads definition for the design and testing of the Euclid spacecraft. <i>Advances in Aircraft and Spacecraft Science</i> , 2016, 3, 225-242.	0.5	4
14	ECSS HANDBOOK <i>BUCKLING OF STRUCTURES</i>. <i>International Journal of Structural Stability and Dynamics</i> , 2010, 10, 949-955.	2.4	1
15	Efficient Model Updating of the GOCE Satellite Based on Experimental Modal Data. <i>Computational Methods in Applied Sciences (Springer)</i> , 2013, , 215-235.	0.3	1
16	Uncertainty-based loads analysis for spacecraft. , 2003, , 2226-2228.		0