

Adriano Calvi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

507
citations

1040056

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h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

461
citing authors

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