

In-GUI Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4487767/publications.pdf>

Version: 2024-02-01

19
papers

121
citations

1307594

7
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

92
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact Damage Detection in Composite Laminates Using PVDF and PZT Sensor Signals. <i>Journal of Intelligent Material Systems and Structures</i> , 2005, 16, 1007-1013.	2.5	31
2	Prediction of Impact Forces on an Aircraft Composite Wing. <i>Journal of Intelligent Material Systems and Structures</i> , 2008, 19, 319-324.	2.5	15
3	Effects of Size and Location of Initial Delamination on Post-buckling and Delamination Propagation Behavior of Laminated Composites. <i>International Journal of Aeronautical and Space Sciences</i> , 2020, 21, 80-94.	2.0	12
4	Test and Analysis of Modes I, II and Mixed-Mode I/II Delamination for Carbon/Epoxy Composite Laminates. <i>International Journal of Aeronautical and Space Sciences</i> , 2019, 20, 636-652.	2.0	10
5	Failure behavior of a composite T-joint subjected to hydrodynamic ram. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 4085-4091.	1.5	8
6	Advanced probabilistic design and reliability-based design optimization for composite sandwich structure. <i>Advanced Composite Materials</i> , 2014, 23, 3-16.	1.9	7
7	Fatigue life prediction in frequency domain using thermal-acoustic loading test results of titanium specimen. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 4015-4024.	1.5	7
8	Post-buckling and delamination propagation behavior of composite laminates with embedded delamination. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 1099-1110.	1.5	6
9	High-Velocity Impact Damage Behavior of Carbon/Epoxy Composite Laminates. <i>International Journal of Aeronautical and Space Sciences</i> , 2015, 16, 190-205.	2.0	6
10	Nonlinear Dynamic Responses of Shear-Deformable Composite Panels under Combined Supersonic Aerodynamic, Thermal, and Random Acoustic Loads. <i>International Journal of Aeronautical and Space Sciences</i> , 2020, 21, 707-722.	2.0	4
11	Nonlinear Random Response Analyses of Panels Considering Transverse Shear Deformations under Combined Thermal and Acoustic Loads. <i>Shock and Vibration</i> , 2018, 2018, 1-11.	0.6	3
12	Experimental and Computational Modal Analyses for Launch Vehicle Models considering Liquid Propellant and Flange Joints. <i>International Journal of Aerospace Engineering</i> , 2018, 2018, 1-12.	0.9	3
13	Failure load prediction of anisogrid cylindrical composite lattice structures using failure criterion based on ratio of bending to compressive stress. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 4897-4906.	1.5	3
14	Buckling and delamination growth behavior of composite laminates with circular initial delamination. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 2561-2574.	1.5	2
15	Failure prediction of composite T-joints for hydrodynamic ram test. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 4093-4098.	1.5	1
16	Dynamic behavior of composite joints in hydrodynamic ram simulator. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 245-257.	1.5	1
17	Reliability and Sensitivity Analysis for Laminated Composite Plate Using Response Surface Method. <i>Transactions of the Korean Society of Mechanical Engineers, A</i> , 2013, 37, 461-466.	0.2	1
18	Numerical Simulation of High Velocity Impact of Circular Composite Laminates. <i>International Journal of Aeronautical and Space Sciences</i> , 2017, 18, 236-244.	2.0	1

#	ARTICLE	IF	CITATIONS
19	OS09W0065 Low velocity impact monitoring for a composite sandwich beam using PVDF sensor signals. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2003, 2003.2, _OS09W0065-_OS09W0065.	0.0	0