

Robert M Jones

List of Publications by Year in descending order

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papers

857
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623734

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22
docs citations

22
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318
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress-strain relations for materials with different moduli in tension and compression. AIAA Journal, 1977, 15, 16-23.	2.6	175
2	Buckling and Vibration of Cross-Ply Laminated Circular Cylindrical Shells. AIAA Journal, 1975, 13, 664-671.	2.6	110
3	Buckling and Vibration of Unsymmetrically Laminated Cross-Ply Rectangular Plates. AIAA Journal, 1973, 11, 1626-1632.	2.6	107
4	Analysis of Nonlinear Stress-Strain Behavior of Fiber-Reinforced Composite Materials. AIAA Journal, 1977, 15, 1669-1676.	2.6	62
5	Buckling of circular cylindrical shells with multiple orthotropic layers and eccentric stiffeners.. AIAA Journal, 1968, 6, 2301-2305.	2.6	58
6	A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite*. Journal of Composite Materials, 1975, 9, 10-27.	2.4	46
7	Bending and extension of cross-ply laminates with different moduli in tension and compression. Computers and Structures, 1980, 11, 181-190.	4.4	42
8	Thermal buckling of uniformly heated unidirectional and symmetric cross-ply laminated fiber-reinforced composite uniaxial in-plane restrained simply supported rectangular plates. Composites Part A: Applied Science and Manufacturing, 2005, 36, 1355-1367.	7.6	41
9	Buckling of stiffened multilayered circular cylindrical shells with different orthotropic moduli in tension and compression. AIAA Journal, 1971, 9, 917-923.	2.6	36
10	Buckling of circular cylindrical shells with different moduli in tension and compression. AIAA Journal, 1971, 9, 53-61.	2.6	27
11	Effect of Prebuckling Deformations on Buckling of Laminated Composite Circular Cylindrical Shells. AIAA Journal, 1980, 18, 110-115.	2.6	25
12	Material Models for Nonlinear Deformation of Graphite. AIAA Journal, 1976, 14, 709-717.	2.6	21
13	Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite. Journal of Composite Materials, 1975, 9, 251-265.	2.4	16
14	Theoretical-Experimental Correlation of Material Models for Nonlinear Deformation of Graphite. AIAA Journal, 1976, 14, 1427-1435.	2.6	16
15	Equivalence between single-layered and certain multilayered shells.. AIAA Journal, 1968, 6, 2295-2300.	2.6	14
16	Buckling of stiffened two-layered shells of revolution with a circumferentially cracked unbonded layer.. AIAA Journal, 1969, 7, 1511-1517.	2.6	13
17	Modeling Nonlinear Deformation of Carbon-Carbon Composite Materials. AIAA Journal, 1980, 18, 995-1001.	2.6	12
18	Plastic buckling of eccentrically stiffened multilayered circular cylindrical shells. AIAA Journal, 1970, 8, 262-270.	2.6	11

#	ARTICLE	IF	CITATIONS
19	Buckling of Rectangular Cross-Ply Laminated Plates With Nonlinear Stress-Strain Behavior. Journal of Applied Mechanics, Transactions ASME, 1979, 46, 637-643.	2.2	9
20	A nonsymmetric compliance matrix approach to nonlinear multimodulus orthotropic materials. AIAA Journal, 1977, 15, 1436-1443.	2.6	8
21	Plastic buckling of eccentrically stiffened circular cylindrical shells.. AIAA Journal, 1967, 5, 1147-1152.	2.6	7
22	Nonlinear Deformation of a Thermally Stressed Graphite Annular Disk. AIAA Journal, 1977, 15, 1116-1122.	2.6	1