

Toshiya Nakamura

List of Publications by Year in descending order

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11
papers

178
citations

1684188

5
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Inverse Analysis and Neural Network Approaches for Identifying Distributed Load using Distributed Strains. Transactions of the Japan Society for Aeronautical and Space Sciences, 2019, 62, 151-161.	0.7	14
2	Local Stress-Field Reconstruction Around Holes in a Plate Using Strain Monitoring Data and Stress Function. Journal of Applied Mechanics, Transactions ASME, 2019, 86, .	2.2	2
3	Identification of the transient temperature and stress distribution in an atmospheric reentry capsule assuming temperature-dependent material properties. Aerospace Science and Technology, 2017, 67, 265-272.	4.8	6
4	Estimation of dynamic load on a beam using central-difference scheme and FEM. AIP Conference Proceedings, 2017, , .	0.4	1
5	Inverse thermoelastic analysis for thermal and mechanical loads identification using FBG data. , 2014, , .		0
6	Inverse analysis for transient thermal load identification and application to aerodynamic heating on atmospheric reentry capsule. Aerospace Science and Technology, 2014, 38, 48-55.	4.8	48
7	Transient inverse heat conduction analysis of atmospheric reentry vehicle using FEM. , 2012, , .		1
8	Inverse identification of continuously distributed loads using strain data. Aerospace Science and Technology, 2012, 23, 75-84.	4.8	40
9	Probabilistic transient thermal analysis of an atmospheric reentry vehicle structure. Aerospace Science and Technology, 2006, 10, 346-354.	4.8	55
10	Concepts and Studies of Flight Experiment Vehicles for Reusable Space Transportation System. , 2003, , .		6
11	Concepts of Reentry Technology Experimental Vehicles. , 2002, , .		5