

Hossein Ghayoor

List of Publications by Year in descending order

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9
papers

389
citations

1040056

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1474206

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docs citations

9
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective design optimization of variable stiffness composite cylinders. <i>Composites Part B: Engineering</i> , 2015, 69, 249-255.	12.0	76
2	A micromechanical study of stress concentrations in composites. <i>Composites Part B: Engineering</i> , 2018, 132, 115-124.	12.0	67
3	Design, manufacturing, and testing of a variable stiffness composite cylinder. <i>Composite Structures</i> , 2018, 184, 146-152.	5.8	50
4	Effect of structural parameters on design of variable-stiffness composite cylinders made by fiber steering. <i>Composite Structures</i> , 2014, 118, 472-481.	5.8	48
5	Stiffness tailoring of elliptical composite cylinders for axial buckling performance. <i>Composite Structures</i> , 2016, 150, 115-123.	5.8	43
6	Numerical analysis of resin-rich areas and their effects on failure initiation of composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 117, 125-133.	7.6	41
7	Computational efficiency and accuracy of multi-step design optimization method for variable stiffness composite structures. <i>Thin-Walled Structures</i> , 2017, 113, 136-143.	5.3	38
8	Use of curvilinear fibers for improved bending-induced buckling capacity of elliptical composite cylinders. <i>International Journal of Solids and Structures</i> , 2017, 109, 112-122.	2.7	17
9	The effect of the percentage of steered plies on the bending-induced buckling performance of a variable stiffness composite cylinder. <i>Science and Engineering of Composite Materials</i> , 2015, 22, 149-156.	1.4	9