

Rahul Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

144
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

92
citing authors

#	ARTICLE	IF	CITATIONS
1	New transverse shear deformation theory for bending analysis of FGM plate under patch load. Composite Structures, 2019, 208, 91-100.	5.8	57
2	Non-linear analysis of porous elastically supported FGM plate under various loading. Composite Structures, 2020, 233, 111721.	5.8	26
3	Meshfree approach on buckling and free vibration analysis of porous FGM plate with proposed IHSDT resting on the foundation. Curved and Layered Structures, 2019, 6, 192-211.	1.3	25
4	Assessment of higher order transverse shear deformation theories for modeling and buckling analysis of FGM plates using RBF based meshless approach. Multidiscipline Modeling in Materials and Structures, 2018, 14, 891-907.	1.3	10
5	Flexure Analysis of Laminated Plates Using Multiquadratic RBF Based Meshfree Method. International Journal of Computational Methods, 2018, 15, 1850049.	1.3	9
6	Numerical simulation of the thermomechanical buckling analysis of bidirectional porous functionally graded plate using collocation meshfree method. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2022, 236, 787-807.	1.1	6
7	Effect of uniform and nonuniform porosity on free vibration of functionally graded circular plate. International Journal of Computational Materials Science and Engineering, 2022, 11, .	0.7	3
8	Geometrically nonlinear analysis for flexure response of FGM plate under patch load. Mechanics Based Design of Structures and Machines, 2023, 51, 6532-6556.	4.7	3
9	New HSDT for free vibration analysis of elastically supported porous bidirectional functionally graded sandwich plate using collocation method. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622210900.	2.1	3
10	Radial basis collocation method for free vibration analysis of elastically supported porous bi-directional FGM plate under various types of porosity distribution. Advances in Materials and Processing Technologies, 2023, 9, 368-390.	1.4	2