

Emad Hasrati

List of Publications by Year in descending order

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15
papers

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citations

933447

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1058476

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15
all docs

15
docs citations

15
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Forced vibration analysis of functionally graded carbon nanotube-reinforced composite plates using a numerical strategy. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015, 69, 294-305.	2.7	81
2	Axisymmetric nonlinear vibration analysis of sandwich annular plates with FG-CNTRC face sheets based on the higher-order shear deformation plate theory. <i>Aerospace Science and Technology</i> , 2018, 77, 306-319.	4.8	62
3	Buckling analysis of axially-loaded functionally graded carbon nanotube-reinforced composite conical panels using a novel numerical variational method. <i>Composite Structures</i> , 2016, 157, 398-411.	5.8	46
4	A novel numerical solution strategy for solving nonlinear free and forced vibration problems of cylindrical shells. <i>Applied Mathematical Modelling</i> , 2018, 53, 653-672.	4.2	35
5	Nonlinear Forced Vibration Analysis of FG-CNTRC Cylindrical Shells Under Thermal Loading Using a Numerical Strategy. <i>International Journal of Applied Mechanics</i> , 2017, 09, 1750108.	2.2	33
6	Vibration analysis of pressurized sandwich FG-CNTRC cylindrical shells based on the higher-order shear deformation theory. <i>Materials Research Express</i> , 2019, 6, 045049.	1.6	25
7	Nonlinear large deformation analysis of shells using the variational differential quadrature method based on the six-parameter shell theory. <i>International Journal of Non-Linear Mechanics</i> , 2018, 106, 130-143.	2.6	20
8	Elastoplastic postbuckling analysis of moderately thick rectangular plates using the variational differential quadrature method. <i>Aerospace Science and Technology</i> , 2019, 91, 479-493.	4.8	17
9	Nonlinear free vibration analysis of shell-type structures by the variational differential quadrature method in the context of six-parameter shell theory. <i>International Journal of Mechanical Sciences</i> , 2019, 151, 33-45.	6.7	17
10	Mechanical buckling analyses of sandwich annular plates with functionally graded carbon nanotube-reinforced composite face sheets resting on elastic foundation based on the higher-order shear deformation plate theory. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 1812-1837.	3.5	16
11	Effect of external pressure on the vibration analysis of higher order shear deformable FG-CNTRC spherical panels. <i>Engineering With Computers</i> , 2020, , 1.	6.1	8
12	A numerical approach to the elastic/plastic axisymmetric buckling analysis of circular and annular plates resting on elastic foundation. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 7041-7061.	2.1	6
13	Geometrically nonlinear vibrations of FG-GPLRC cylindrical panels with cutout based on HSDT and mixed formulation: a novel variational approach. <i>Acta Mechanica</i> , 2021, 232, 3417-3439.	2.1	6
14	Studying nonlinear vibrations of composite conical panels with arbitrary-shaped cutout reinforced with graphene platelets based on higher-order shear deformation theory. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632110248.	2.6	4
15	A numerical study on the free vibrations of nanocomposite conical panels with variously shaped cutout. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	1