

Fatemeh Farhatnia

List of Publications by Year in descending order

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14
papers

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#	ARTICLE	IF	CITATIONS
1	Buckling analysis of rectangular functionally graded plates under various edge conditions using Fourier series expansion. <i>European Journal of Mechanics, A/Solids</i> , 2013, 41, 16-27.	2.1	56
2	Pareto multi-objective optimization of tandem cold rolling settings for reductions and inter stand tensions using NSGA-II. <i>ISA Transactions</i> , 2022, 130, 399-408.	3.1	31
3	Free vibration analysis of rotating functionally graded GPL-reinforced truncated thick conical shells under different boundary conditions. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 3821-3852.	3.4	24
4	THERMAL BUCKLING ANALYSIS OF FUNCTIONALLY GRADED CIRCULAR PLATE RESTING ON THE PASTERNAK ELASTIC FOUNDATION VIA THE DIFFERENTIAL TRANSFORM METHOD. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2017, 15, 545.	2.3	12
5	Wave propagation in rotating functionally graded GPL-reinforced cylindrical shells based on the third-order shear deformation theory. <i>Waves in Random and Complex Media</i> , 2023, 33, 345-371.	1.6	11
6	Functionally graded thick sandwich beams with porous core: Buckling analysis via differential transform method. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 3650-3677.	3.4	10
7	Frequency response of rotating two-directional functionally graded GPL-reinforced conical shells on elastic foundation. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	0.8	10
8	Buckling analysis of orthotropic thin rectangular plates subjected to nonlinear in-plane distributed loads using generalized differential quadrature method. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2018, 19, 102-116.	1.4	8
9	Thermo-Mechanical Nonlinear Bending Analysis of Functionally Graded Thick Circular Plates Resting on Winkler Foundation Based on Sinusoidal Shear Deformation Theory. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 1137-1151.	1.7	8
10	Buckling Analysis of FGM Thick Beam under Different Boundary Conditions Using GDQM. <i>Advanced Materials Research</i> , 2012, 433-440, 4920-4924.	0.3	7
11	An exact solution for stability analysis of orthotropic rectangular thin plate under biaxial nonlinear in-plane loading resting on Pasternak foundation. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017, 39, 953-967.	0.8	6
12	Optimizing the buckling characteristics and weight of functionally graded circular plates using the multi-objective Pareto archived simulated annealing algorithm (PASA). <i>International Journal for Simulation and Multidisciplinary Design Optimization</i> , 2019, 10, A14.	0.6	5
13	Buckling Analysis of Functionally Graded Super Elliptical Plate Using Pb-2 Ritz Method. <i>Advanced Materials Research</i> , 0, 383-390, 5387-5391.	0.3	4
14	Investigation on Buckling of Orthotropic Circular and Annular Plates of Continuously Variable Thickness by Optimized Ritz Method. <i>International Journal for Simulation and Multidisciplinary Design Optimization</i> , 2010, 4, 127-133.	0.6	2