Korosh Khorshidi

List of Publications by Year
in descending order

23	551	687363 13	752698 20
papers	citations	h-index	g-index

23	23	23	385
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluid-structure interaction analysis of vibrating microplates in interaction with sloshing fluids with free surface. Applied Ocean Research, 2022, 121, 103088.	4.1	10
2	Vibration of variable stiffness composite laminate and hybrid composite laminate plates coupled to sloshing fluid. Composite Structures, 2022, 292, 115630.	5.8	11
3	Design, manufacturing and applications of small-scale magnetic soft robots. Extreme Mechanics Letters, 2021, 44, 101268.	4.1	44
4	A comprehensive nonlocal surface-piezoelectricity model for thermal and vibration analyses of piezoelectric nanoplates. Composite Structures, 2021, 263, 113654.	5.8	7
5	Aeroelastic analysis of rectangular plates coupled to sloshing fluid. Acta Mechanica, 2020, 231, 3183-3198.	2.1	11
6	Size-dependent hydroelastic vibration of FG microplates partially in contact with a fluid. Composite Structures, 2020, 244, 112320.	5.8	19
7	Flutter analysis of sandwich plates with functionally graded face sheets in thermal environment. Aerospace Science and Technology, 2019, 95, 105461.	4.8	27
8	Analytical modeling for vibrating piezoelectric nanoplates in interaction with inviscid fluid using various modified plate theories. Ocean Engineering, 2019, 181, 267-280.	4.3	22
9	The effect of nonlinear temperature distribution on the vibrational behavior of a sizeâ€dependent FG laminated rectangular plates undergoing prescribed overall motion. Polymer Composites, 2019, 40, 766-778.	4.6	3
10	Experimental and analytical modal studies of vibrating rectangular plates in contact with a bounded fluid. Ocean Engineering, 2017, 140, 146-154.	4.3	27
11	Buckling analysis of functionally graded rectangular nano-plate based on nonlocal exponential shear deformation theory. International Journal of Mechanical Sciences, 2016, 113, 94-104.	6.7	72
12	Free vibration analysis of a functionally graded rectangular plate in contact with a bounded fluid. Acta Mechanica, 2015, 226, 3401-3423.	2.1	27
13	Active vibration control of circular plates coupled with piezoelectric layers excited by plane sound wave. Applied Mathematical Modelling, 2015, 39, 1217-1228.	4.2	26
14	Free vibration analysis of a laminated composite rectangular plate in contact with a bounded fluid. Composite Structures, 2013, 104, 176-186.	5.8	58
15	On the effects of coupling between in-plane and out-of-plane vibrating modes of smart functionally graded circular/annular plates. Applied Mathematical Modelling, 2012, 36, 1132-1147.	4.2	20
16	NONLINEAR VIBRATIONS OF RECTANGULAR LAMINATED COMPOSITE PLATES WITH DIFFERENT BOUNDARY CONDITIONS. International Journal of Structural Stability and Dynamics, 2011, 11, 673-695.	2.4	40
17	Elasto-Plastic Response of Impacted Moderatly Thick Rectangular Plates with Different Boundary Conditions. Procedia Engineering, 2011, 10, 1742-1747.	1.2	3
18	Vibro-acoustic analysis of Mindlin rectangular plates resting on an elastic foundation. Scientia Iranica, 2011, 18, 45-52.	0.4	9

#	Article	IF	Citations
19	Exact acoustical analysis of vibrating rectangular plates with two opposite edges simply supported via Mindlin plate theory. Journal of Sound and Vibration, 2009, 322, 883-900.	3.9	15
20	Exact solution for linear buckling of rectangular Mindlin plates. Journal of Sound and Vibration, 2008, 315, 318-342.	3.9	97
21	Effect of Hydrostatic Pressure and Depth of Fluid on the Vibrating Rectangular Plates Partially in Contact with a Fluid. Applied Mechanics and Materials, 0, 110-116, 927-935.	0.2	0
22	Comparison of the application of smart electrorheological and magnetorheological fluid cores to damp sandwich panelsâ€™ vibration behavior, based on a novel higher-order shear deformation theory. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892110378.	2.5	1
23	Non-linear Free Vibration Analysis of a Thick Sandwich Panel with an Electrorheological Core. Journal of Vibration Engineering and Technologies, 0, , 1.	2.2	2