

Prasad V Joshi

List of Publications by Year in descending order

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19
papers

487
citations

687363

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888059

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all docs

20
docs citations

20
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability and dynamic analysis of partially cracked thin orthotropic microplates under thermal environment: an analytical approach. <i>Mechanics Based Design of Structures and Machines</i> , 2020, 48, 299-325.	4.7	14
2	Effect of Fluid-Structure Interaction on Vibration and Deflection Analysis of Generally Orthotropic Submerged Micro-plate with Crack Under Thermal Environment: An Analytical Approach. <i>Journal of Vibration Engineering and Technologies</i> , 2020, 8, 643-672.	2.2	7
3	Effect of microstructure on vibration analysis of partially cracked thin orthotropic plate based on strain gradient theory. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
4	Vibration and deflection analysis of thin cracked and submerged orthotropic plate under thermal environment using strain gradient theory. <i>Nonlinear Dynamics</i> , 2019, 96, 1575-1604.	5.2	14
5	Analytical Modeling on Vibration Analysis of Cracked Functionally Graded Plate Submerged in Fluid. <i>Recent Patents on Mechanical Engineering</i> , 2019, 12, 240-247.	0.3	0
6	Vibration analysis of partially cracked plate submerged in fluid. <i>Journal of Sound and Vibration</i> , 2018, 412, 28-57.	3.9	58
7	Effect of crack location on vibration analysis of cracked FGM plate under thermal environment. <i>Materials Today: Proceedings</i> , 2018, 5, 28043-28050.	1.8	4
8	Effect of thermal environment on vibration response of partially cracked functionally graded plate coupled with fluid. <i>Materials Today: Proceedings</i> , 2018, 5, 27810-27819.	1.8	3
9	Effect of crack location on vibration analysis of partially cracked isotropic and FGM micro-plate with non-uniform thickness: An analytical approach. <i>International Journal of Mechanical Sciences</i> , 2018, 145, 410-429.	6.7	29
10	Analytical modeling for nonlinear vibration analysis of partially cracked thin magneto-electro-elastic plate coupled with fluid. <i>Nonlinear Dynamics</i> , 2017, 90, 137-170.	5.2	40
11	Effect of thermal environment on free vibration and buckling of partially cracked isotropic and FGM micro plates based on a non classical Kirchhoff's plate theory: An analytical approach. <i>International Journal of Mechanical Sciences</i> , 2017, 131-132, 155-170.	6.7	44
12	Effect of crack orientation on vibration characteristics of partially cracked FGM plate: An analytical approach. <i>Materials Today: Proceedings</i> , 2017, 4, 10179-10183.	1.8	7
13	Vibration and buckling analysis of partially cracked thin orthotropic rectangular plates in thermal environment. <i>Thin-Walled Structures</i> , 2016, 109, 143-158.	5.3	37
14	Effect of fibre orientation on non-linear vibration of partially cracked thin rectangular orthotropic micro plate: An analytical approach. <i>International Journal of Mechanical Sciences</i> , 2016, 105, 378-397.	6.7	32
15	Effect of thermal environment on free vibration of cracked rectangular plate: An analytical approach. <i>Thin-Walled Structures</i> , 2015, 91, 38-49.	5.3	43
16	Analytical modeling for vibration analysis of thin rectangular orthotropic/functionally graded plates with an internal crack. <i>Journal of Sound and Vibration</i> , 2015, 344, 377-398.	3.9	43
17	Effect of microstructure on vibration characteristics of partially cracked rectangular plates based on a modified couple stress theory. <i>International Journal of Mechanical Sciences</i> , 2015, 100, 269-282.	6.7	34
18	Analytical modelling for vibration analysis of partially cracked orthotropic rectangular plates. <i>European Journal of Mechanics, A/Solids</i> , 2015, 50, 100-111.	3.7	39

#	ARTICLE	IF	CITATIONS
19	Analytical modeling and vibration analysis of internally cracked rectangular plates. Journal of Sound and Vibration, 2014, 333, 5851-5864.	3.9	38