Beytullah Temel

List of Publications by Year
in descending order

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24 papers	521 citations	687363 13 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	184 citing authors

#	Article	IF	Citations
1	A novel approach to stress analysis of pressurized FGM cylinders, disks and spheres. Composite Structures, 2009, 91, 385-390.	5.8	109
2	Quasi-static and dynamic response of viscoelastic helical rods. Journal of Sound and Vibration, 2004, 271, 921-935.	3.9	46
3	An efficient approach for in-plane free and forced vibrations of axially functionally graded parabolic arches with nonuniform cross section. Composite Structures, 2018, 200, 701-710.	5.8	44
4	Dynamic Analysis of Functionally Graded Porous Beams Using Complementary Functions Method in the Laplace Domain. Composite Structures, 2021, 256, 113094.	5.8	32
5	Transient analysis of viscoelastic helical rods subject to time-dependent loads. International Journal of Solids and Structures, 2004, 41, 1605-1624.	2.7	31
6	Elastic and viscoelastic response of heterogeneous annular structures under arbitrary transient pressure. International Journal of Mechanical Sciences, 2014, 89, 78-83.	6.7	28
7	An Efficient Unified Method for Thermoelastic Analysis of Functionally Graded Rotating Disks of Variable Thickness. Mechanics of Advanced Materials and Structures, 2013, 20, 38-46.	2.6	26
8	Dynamic analysis of linear viscoelastic cylindrical and conical helicoidal rods using the mixed FEM. Journal of Sound and Vibration, 2014, 333, 3671-3690.	3.9	26
9	Transient analysis of orthotropic, viscoelastic thick plates in the Laplace domain. European Journal of Mechanics, A/Solids, 2013, 37, 96-105.	3.7	24
10	Forced vibration of composite cylindrical helical rods. International Journal of Mechanical Sciences, 2005, 47, 998-1022.	6.7	22
11	A unified solution for the vibration analysis of two-directional functionally graded axisymmetric Mindlinâ€“Reissner plates with variable thickness. International Journal of Mechanical Sciences, 2020, 174, 105471.	6.7	19
12	Dynamic response of viscoelastic tapered cycloidal rods. Mechanics Research Communications, 2018, 92, 8-14.	1.8	17
13	An alternative solution method for the damped response of laminated Mindlin plates. Composites Part B: Engineering, 2013, 47, 107-117.	12.0	14
14	Out-of-plane vibrations of shear-deformable AFG cycloidal beams with variable cross section. Applied Acoustics, 2019, 155, 84-96.	3.3	14
15	Damped transient response of in-plane and out-of-plane loaded stepped curved rods. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	13
16	Transient analysis of laminated composite parabolic arches of uniform thickness. Mechanics Based Design of Structures and Machines, 2019, 47, 546-554.	4.7	13
17	An Efficient Dynamic Analysis of Planar Arches. European Mechanical Science, 2017, 1, 82-88.	0.9	11
18	A Unified Approach for Out-of-Plane Forced Vibration of Axially Functionally Graded Circular Rods. European Mechanical Science, 2018, 2, 37-45.	0.9	8

#	Article	IF	Citations
19	On the vibration analysis of laminated composite parabolic arches with variable cross-section of various ply stacking sequences. Mechanics of Advanced Materials and Structures, 2020, 27, 1658-1672.	2.6	7
20	In-plane vibration analysis of parabolic arches having a variable thickness. International Journal of Dynamics and Control, 2021, 9, 910-921.	2.5	5
21	A powerful numerical approach for the axisymmetric bending response of shear deformable two-directional functionally graded (2D-FG) plates with variable thickness. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 6370-6387.	2.1	4
22	Transient Response of FGM Pressure Vessels. Springer Proceedings in Physics, 2011, , 315-320.	0.2	4
23	On the static analysis of laminated composite frames having variable cross section. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	2
24	Birinci Mertebe Kayma Deformasyon Teorisine DayalÄ± FD DÃ¼z Eksenli KiriÅŸlerin Serbest TitreÅŸim Analizi. Ã‡ukurova Ãœniversitesi MÃ¼hendislik-MimarlÄ±k FakÃ¼ltesi Dergisi, 0, , 21-28.	0.1	2