

# 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	Dynamic Analysis of Functionally Graded Porous Beams Using Complementary Functions Method in the Laplace Domain. <i>Composite Structures</i> , 2021, 256, 113094.	5.8	32
2	In-plane vibration analysis of parabolic arches having a variable thickness. <i>International Journal of Dynamics and Control</i> , 2021, 9, 910-921.	2.5	5
3	On the static analysis of laminated composite frames having variable cross section. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	2
4	A powerful numerical approach for the axisymmetric bending response of shear deformable two-directional functionally graded (2D-FG) plates with variable thickness. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 6370-6387.	2.1	4
5	On the vibration analysis of laminated composite parabolic arches with variable cross-section of various ply stacking sequences. <i>Mechanics of Advanced Materials and Structures</i> , 2020, 27, 1658-1672.	2.6	7
6	A unified solution for the vibration analysis of two-directional functionally graded axisymmetric Mindlin-Reissner plates with variable thickness. <i>International Journal of Mechanical Sciences</i> , 2020, 174, 105471.	6.7	19
7	Out-of-plane vibrations of shear-deformable AFG cycloidal beams with variable cross section. <i>Applied Acoustics</i> , 2019, 155, 84-96.	3.3	14
8	Transient analysis of laminated composite parabolic arches of uniform thickness. <i>Mechanics Based Design of Structures and Machines</i> , 2019, 47, 546-554.	4.7	13
9	Damped transient response of in-plane and out-of-plane loaded stepped curved rods. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	13
10	Dynamic response of viscoelastic tapered cycloidal rods. <i>Mechanics Research Communications</i> , 2018, 92, 8-14.	1.8	17
11	An efficient approach for in-plane free and forced vibrations of axially functionally graded parabolic arches with nonuniform cross section. <i>Composite Structures</i> , 2018, 200, 701-710.	5.8	44
12	A Unified Approach for Out-of-Plane Forced Vibration of Axially Functionally Graded Circular Rods. <i>European Mechanical Science</i> , 2018, 2, 37-45.	0.9	8
13	An Efficient Dynamic Analysis of Planar Arches. <i>European Mechanical Science</i> , 2017, 1, 82-88.	0.9	11
14	Dynamic analysis of linear viscoelastic cylindrical and conical helicoidal rods using the mixed FEM. <i>Journal of Sound and Vibration</i> , 2014, 333, 3671-3690.	3.9	26
15	Elastic and viscoelastic response of heterogeneous annular structures under arbitrary transient pressure. <i>International Journal of Mechanical Sciences</i> , 2014, 89, 78-83.	6.7	28
16	Transient analysis of orthotropic, viscoelastic thick plates in the Laplace domain. <i>European Journal of Mechanics, A/Solids</i> , 2013, 37, 96-105.	3.7	24
17	An alternative solution method for the damped response of laminated Mindlin plates. <i>Composites Part B: Engineering</i> , 2013, 47, 107-117.	12.0	14
18	An Efficient Unified Method for Thermoelastic Analysis of Functionally Graded Rotating Disks of Variable Thickness. <i>Mechanics of Advanced Materials and Structures</i> , 2013, 20, 38-46.	2.6	26

#	ARTICLE	IF	CITATIONS
19	Transient Response of FGM Pressure Vessels. Springer Proceedings in Physics, 2011, , 315-320.	0.2	4
20	A novel approach to stress analysis of pressurized FGM cylinders, disks and spheres. Composite Structures, 2009, 91, 385-390.	5.8	109
21	Forced vibration of composite cylindrical helical rods. International Journal of Mechanical Sciences, 2005, 47, 998-1022.	6.7	22
22	Quasi-static and dynamic response of viscoelastic helical rods. Journal of Sound and Vibration, 2004, 271, 921-935.	3.9	46
23	Transient analysis of viscoelastic helical rods subject to time-dependent loads. International Journal of Solids and Structures, 2004, 41, 1605-1624.	2.7	31
24	Birinci Mertebe Kayma Deformasyon Teorisine Dayalı FD Dört Eksenli Kirişlerin Serbest Titreşim Analizi. Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 0, , 21-28.	0.1	2