

# Åeref DoÄuÅcan AkbaÅ

## List of Publications by Year in descending order

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50  
papers

1,228  
citations

471509

17  
h-index

454955

30  
g-index

67  
all docs

67  
docs citations

67  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Static bending of a functionally graded microscale Timoshenko beam based on the modified couple stress theory. <i>Composite Structures</i> , 2013, 95, 740-747.	5.8	126
2	Dynamic behavior of an axially functionally graded beam under action of a moving harmonic load. <i>Composite Structures</i> , 2012, 94, 2358-2364.	5.8	125
3	Forced vibration analysis of functionally graded porous deep beams. <i>Composite Structures</i> , 2018, 186, 293-302.	5.8	74
4	Vibration analysis of carbon nanotube reinforced composite microbeams. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	68
5	Free Vibration of Edge Cracked Functionally Graded Microscale Beams Based on the Modified Couple Stress Theory. <i>International Journal of Structural Stability and Dynamics</i> , 2017, 17, 1750033.	2.4	56
6	Forced Vibration Analysis of Composite Beams Reinforced by Carbon Nanotubes. <i>Nanomaterials</i> , 2021, 11, 571.	4.1	39
7	Wave propagation of a functionally graded beam in thermal environments. <i>Steel and Composite Structures</i> , 2015, 19, 1421-1447.	1.3	39
8	Large displacement static analysis of a cantilever Timoshenko beam composed of functionally graded material. <i>Science and Engineering of Composite Materials</i> , 2011, 18, 21-34.	1.4	38
9	Thermal Effects on the Vibration of Functionally Graded Deep Beams with Porosity. <i>International Journal of Applied Mechanics</i> , 2017, 09, 1750076.	2.2	38
10	Wave propagation in edge cracked functionally graded beams under impact force. <i>JVC/Journal of Vibration and Control</i> , 2016, 22, 2443-2457.	2.6	32
11	Dynamic analysis of viscoelastic functionally graded porous thick beams under pulse load. <i>Engineering With Computers</i> , 2022, 38, 365-377.	6.1	31
12	Forced Vibration Analysis of Functionally Graded Nanobeams. <i>International Journal of Applied Mechanics</i> , 2017, 09, 1750100.	2.2	29
13	Wave propagation in a microbeam based on the modified couple stress theory. <i>Structural Engineering and Mechanics</i> , 2013, 46, 417-431.	1.0	27
14	Post-Buckling Analysis of Axially Functionally Graded Three-Dimensional Beams. <i>International Journal of Applied Mechanics</i> , 2015, 07, 1550047.	2.2	26
15	Free vibration and bending of functionally graded beams resting on elastic foundation. , 2015, 1, .		25
16	Forced vibration analysis of cracked nanobeams. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	22
17	Post-buckling analysis of Timoshenko beams made of functionally graded material under thermal loading. <i>Structural Engineering and Mechanics</i> , 2012, 41, 775-789.	1.0	22
18	Analytical solutions for static bending of edge cracked micro beams. <i>Structural Engineering and Mechanics</i> , 2016, 59, 579-599.	1.0	22

#	ARTICLE	IF	CITATIONS
19	Thermal post-buckling analysis of functionally graded beams with temperature-dependent physical properties. <i>Steel and Composite Structures</i> , 2013, 15, 481-505.	1.3	21
20	Forced vibration analysis of viscoelastic nanobeams embedded in an elastic medium. <i>Smart Structures and Systems</i> , 2016, 18, 1125-1143.	1.9	21
21	On Post-Buckling Behavior of Edge Cracked Functionally Graded Beams Under Axial Loads. <i>International Journal of Structural Stability and Dynamics</i> , 2015, 15, 1450065.	2.4	20
22	Hygrothermal Post-Buckling Analysis of Laminated Composite Beams. <i>International Journal of Applied Mechanics</i> , 2019, 11, 1950009.	2.2	20
23	Post-Buckling Analysis of Functionally Graded Three-Dimensional Beams Under the Influence of Temperature. <i>Journal of Thermal Stresses</i> , 2013, 36, 1233-1254.	2.0	18
24	Post-Buckling Analysis of Edge Cracked Columns Under Axial Compression Loads. <i>International Journal of Applied Mechanics</i> , 2016, 08, 1650086.	2.2	17
25	Post-buckling analysis of Timoshenko beams with various boundary conditions under non-uniform thermal loading. <i>Structural Engineering and Mechanics</i> , 2011, 40, 347-371.	1.0	16
26	Post-buckling analysis of a fiber reinforced composite beam with crack. <i>Engineering Fracture Mechanics</i> , 2019, 212, 70-80.	4.3	14
27	Dynamic analysis of thick beams with functionally graded porous layers and viscoelastic support. <i>JVC/Journal of Vibration and Control</i> , 2021, 27, 1644-1655.	2.6	14
28	Geometrically Nonlinear Static Analysis of Edge Cracked Timoshenko Beams Composed of Functionally Graded Material. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-14.	1.1	12
29	Vibration response of perforated thick beam under moving load. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	12
30	Wave Propagation Analysis of Edge Cracked Circular Beams under Impact Force. <i>PLoS ONE</i> , 2014, 9, e100496.	2.5	12
31	Stability of A Non-Homogenous Porous Plate by Using Generalized Differential Quadrature Method. <i>International Journal of Engineering and Applied Sciences</i> , 2017, 9, 147-147.	0.1	11
32	Superharmonic and subharmonic resonances of atomic force microscope subjected to crack failure mode based on the modified couple stress theory. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	10
33	FREE VIBRATION OF AXIALLY FUNCTIONALLY GRADED BEAMS IN THERMAL ENVIRONMENT. <i>International Journal of Engineering and Applied Sciences</i> , 2014, 6, 37-37.	0.1	10
34	Dynamic Analysis of Layered Functionally Graded Viscoelastic Deep Beams with Different Boundary Conditions Due to a Pulse Load. <i>International Journal of Applied Mechanics</i> , 2020, 12, 2050055.	2.2	9
35	Dynamic Analysis of Functionally Graded Porous Microbeams under Moving Load. <i>Transport in Porous Media</i> , 0, , 1.	2.6	9
36	Post-buckling analysis of Timoshenko beams with temperature-dependent physical properties under uniform thermal loading. <i>Structural Engineering and Mechanics</i> , 2012, 44, 109-125.	1.0	9

#	ARTICLE	IF	CITATIONS
37	Large deflection analysis of edge cracked simple supported beams. Structural Engineering and Mechanics, 2015, 54, 433-451.	1.0	8
38	WAVE PROPAGATION ANALYSIS OF EDGE CRACKED BEAMS RESTING ON ELASTIC FOUNDATION. International Journal of Engineering and Applied Sciences, 2014, 6, 40-40.	0.1	8
39	Static, Vibration, and Buckling Analysis of Nanobeams. , 0, , .		8
40	Large post-buckling behavior of Timoshenko beams under axial compression loads. Structural Engineering and Mechanics, 2014, 51, 955-971.	1.0	6
41	BOÄZLUK YAPILI NANO BÄ°R Ä±UBUK ELEMANNIN BOYUNA ZORLANMIÄZ TÄ°TREÄZÄ°M ANALÄ°ZÄ°. MÄ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2019, 7, 736-743.	0.3	6
42	Static Analysis of a Nano Plate by Using Generalized Differential Quadrature Method. International Journal of Engineering and Applied Sciences, 2016, 8, 30-30.	0.1	6
43	FREE VIBRATION ANALYSIS OF EDGE CRACKED FUNCTIONALLY GRADED BEAMS RESTING ON WINKLER-PASTERNAK FOUNDATION. International Journal of Engineering and Applied Sciences, 2015, 7, 1-1.	0.1	6
44	Free Vibration Analysis of a Cross-Ply Laminated Plate in Thermal Environment. International Journal of Engineering and Applied Sciences, 2018, 10, 176-189.	0.1	4
45	Fonksiyonel derecelendirilmiÄY ortotropik bir kiriÄYin statik ve titreÄYim davranÄ±larÄ±nÄ±n incelenmesi. BalÄ±kesir Äceniiversitesi Fen Bilimleri EnstitÄ¼sÄ¼ Dergisi, 0, , 1-14.	0.3	4
46	Ä±atlık Ä°ÄSerem Bir Ä±erÄ±Seve TaÄYÄ±yÄ±cÄ± Sistemim ZorlanmÄ±ÄY TitreÄYim Analizi. Journal of Polytechnic, 0, 0.7		2
47	Ä°ki Malzemeli Kompozit Bir KiriÄYin Serbest ve ZorlanmÄ±ÄY TitreÄYimlerinin Äncelenmesi. Journal of Polytechnic, 0, , .	0.7	1
48	Vibration Analysis of a Sandwich Plate with Laminated Face and Porous Core Layers Resting on Elastic Foundation. Journal of Innovative Science and Engineering (JISE), 0, , .	0.7	1
49	Vibration Analysis of Cracked Microbeams by Using Finite Element Method. , 2021, , 1-12.		0
50	Vibration Analysis of Cracked Microbeams by Using Finite Element Method. , 2022, , 155-166.		0