

# Armagan Karamanli

## List of Publications by Year in descending order

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28  
papers

693  
citations

567281

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580821

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docs citations

28  
times ranked

317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bending behaviour of two directional functionally graded sandwich beams by using a quasi-3d shear deformation theory. <i>Composite Structures</i> , 2017, 174, 70-86.	5.8	100
2	Free vibration analysis of two directional functionally graded beams using a third order shear deformation theory. <i>Composite Structures</i> , 2018, 189, 127-136.	5.8	70
3	Size dependent bending analysis of two directional functionally graded microbeams via a quasi-3D theory and finite element method. <i>Composites Part B: Engineering</i> , 2018, 144, 171-183.	12.0	60
4	Elastostatic analysis of two-directional functionally graded beams using various beam theories and Symmetric Smoothed Particle Hydrodynamics method. <i>Composite Structures</i> , 2017, 160, 653-669.	5.8	43
5	Size-dependent behaviour of functionally graded sandwich microbeams based on the modified strain gradient theory. <i>Composite Structures</i> , 2020, 246, 112401.	5.8	43
6	Flexural analysis of laminated composite and sandwich beams using a four-unknown shear and normal deformation theory. <i>Composite Structures</i> , 2017, 176, 388-397.	5.8	42
7	Structural dynamics and stability analysis of 2D-FG microbeams with two-directional porosity distribution and variable material length scale parameter. <i>Mechanics Based Design of Structures and Machines</i> , 2020, 48, 164-191.	4.7	37
8	A comprehensive study on the size-dependent analysis of strain gradient multi-directional functionally graded microplates via finite element model. <i>Aerospace Science and Technology</i> , 2021, 111, 106550.	4.8	37
9	Buckling of laminated composite and sandwich beams due to axially varying in-plane loads. <i>Composite Structures</i> , 2019, 210, 391-408.	5.8	34
10	Size dependent flapwise vibration analysis of rotating two-directional functionally graded sandwich porous microbeams based on a transverse shear and normal deformation theory. <i>International Journal of Mechanical Sciences</i> , 2019, 159, 165-181.	6.7	32
11	Bending, vibration, buckling analysis of bi-directional FG porous microbeams with a variable material length scale parameter. <i>Applied Mathematical Modelling</i> , 2021, 91, 723-748.	4.2	30
12	Vibration of functionally graded shear and normal deformable porous microplates via finite element method. <i>Composite Structures</i> , 2020, 237, 111934.	5.8	21
13	Finite element model for carbon nanotube-reinforced and graphene nanoplatelet-reinforced composite beams. <i>Composite Structures</i> , 2021, 264, 113739.	5.8	20
14	Size-dependent behaviors of three directional functionally graded shear and normal deformable imperfect microplates. <i>Composite Structures</i> , 2021, 257, 113076.	5.8	19
15	On the vibration of size dependent rotating laminated composite and sandwich microbeams via a transverse shear-normal deformation theory. <i>Composite Structures</i> , 2019, 216, 290-300.	5.8	17
16	A quasi-3D theory for functionally graded porous microbeams based on the modified strain gradient theory. <i>Composite Structures</i> , 2021, 257, 113066.	5.8	16
17	Free vibration and buckling analysis of laminated composites and sandwich microbeams using a transverse shear-normal deformable beam theory. <i>JVC/Journal of Vibration and Control</i> , 2020, 26, 214-228.	2.6	13
18	Vibration behaviors of two-directional carbon nanotube reinforced functionally graded composite plates. <i>Composite Structures</i> , 2021, 262, 113639.	5.8	11

#	ARTICLE	IF	CITATIONS
19	Structural behaviours of zigzag and armchair nanobeams using finite element doublet mechanics. European Journal of Mechanics, A/Solids, 2021, 89, 104287.	3.7	11
20	Finite element formulation of metal foam microbeams via modified strain gradient theory. Engineering With Computers, 2023, 39, 751-772.	6.1	9
21	Finite element model for free vibration analysis of curved zigzag nanobeams. Composite Structures, 2022, 282, 115097.	5.8	8
22	Bifurcation buckling conditions of FGM plates with different boundaries. Composite Structures, 2020, 245, 112325.	5.8	6
23	Free Vibration and Buckling Analysis of Two Directional Functionally Graded Beams Using a Four-Unknown Shear and Normal Deformable Beam Theory. Anadolu University Journal of Sciences & Technology, 0, , 1-1.	0.2	5
24	Analytical Solutions for Buckling Behavior of Two Directional Functionally Graded Beams Using a Third Order Shear Deformable Beam Theory. Academic Platform Journal of Engineering and Science, 2018, 6, 164-178.	0.6	4
25	Radial basis Taylor series method and its applications. Engineering Computations, 2021, 38, 2354-2393.	1.4	2
26	Flexure Analysis of Laminated Composite and Sandwich Beams Using Timoshenko Beam Theory. Journal of Polytechnic, 0, , .	0.7	1
27	Bending Analysis of Two Directional Functionally Graded Beams Using A Four-Unknown Shear and Normal Deformation Theory. Journal of Polytechnic, 0, , .	0.7	1
28	Free vibration of axially loaded zigzag and armchair nanobeams using doublet mechanics. Mechanics Based Design of Structures and Machines, 2023, 51, 5808-5833.	4.7	1