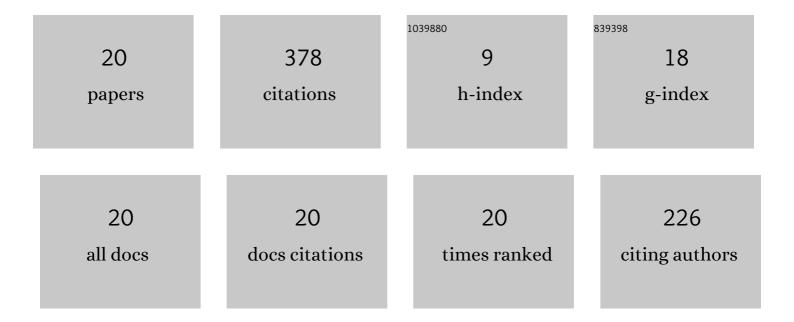
Majid aAkbarzadeh Khorshidi

List of Publications by Year in descending order

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MAJID AAKBARZADEH

#	Article	IF	CITATIONS
1	Tridynamic model of the beam with transverse shear deformation. Computer Methods in Applied Mechanics and Engineering, 2022, 388, 114257.	3.4	1
2	Postbuckling of viscoelastic micro/nanobeams embedded in visco-Pasternak foundations based on the modified couple stress theory. Mechanics of Time-Dependent Materials, 2021, 25, 265.	2.3	10
3	Higher order and scale-dependent micro-inertia effect on the longitudinal dispersion based on the modified couple stress theory. Journal of Computational Design and Engineering, 2021, 8, 189-194.	1.5	6
4	A microstructure-based study on compact human bones: hierarchical length scale parameter. Acta Mechanica, 2021, 232, 73-88.	1.1	2
5	Validation of weakening effect in modified couple stress theory: Dispersion analysis of carbon nanotubes. International Journal of Mechanical Sciences, 2020, 170, 105358.	3.6	16
6	Analysis of functionally graded thick-walled cylinders with high order shear deformation theories under non-uniform pressure. SN Applied Sciences, 2020, 2, 1.	1.5	2
7	Length scale parameter of single trabecula in cancellous bone. Biomechanics and Modeling in Mechanobiology, 2020, 19, 1917-1923.	1.4	8
8	Effect of nano-porosity on postbuckling of non-uniform microbeams. SN Applied Sciences, 2019, 1, 1.	1.5	10
9	Investigation of flexibility constants for a multi-spring model: a solution for buckling of cracked micro/nanobeams. Journal of Theoretical and Applied Mechanics, 2019, 57, 49-58.	0.2	10
10	The material length scale parameter used in couple stress theories is not a material constant. International Journal of Engineering Science, 2018, 133, 15-25.	2.7	61
11	Nonlocal modeling and buckling features of cracked nanobeams with von Karman nonlinearity. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	13
12	Buckling and postbuckling of size-dependent cracked microbeams based on a modified couple stress theory. Journal of Applied Mechanics and Technical Physics, 2017, 58, 717-724.	0.1	14
13	Modeling and Vibration Characteristics of Cracked Nano-Beams Made of Nanocrystalline Materials. International Journal of Mechanical Sciences, 2016, 115-116, 574-585.	3.6	56
14	An investigation of stress wave propagation in a shear deformable nanobeam based on modified couple stress theory. Waves in Random and Complex Media, 2016, 26, 243-258.	1.6	17
15	Postbuckling of functionally graded nanobeams based on modified couple stress theory under general beam theory. International Journal of Mechanical Sciences, 2016, 110, 160-169.	3.6	91
16	Free vibration analysis of sigmoid functionally graded nanobeams based on a modified couple stress theory with general shear deformation theory. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2016, 38, 2607-2619.	0.8	33
17	Dynamic Analysis of a Micro-Cantilever Subjected to Harmonic Base Excitation via RVIM. Applied Mechanics and Materials, 2013, 332, 545-550.	0.2	2
18	Diagnosis of Type, Location and Size of Cracks by Using Generalized Differential Quadrature and Rayleigh Quotient Methods. Journal of Theoretical and Applied Mechanics (Bulgaria), 2013, 43, 61-70.	0.6	8

#	Article	IF	CITATIONS
19	Nanostructureâ€dependent dispersion of carbon nanostructures: New insights into the modified couple stress theory. Mathematical Methods in the Applied Sciences, 0, , .	1.2	6
20	A multi-spring model for buckling analysis of cracked Timoshenko nanobeams based on modified couple stress theory. Journal of Theoretical and Applied Mechanics, 0, , 1127.	0.2	12