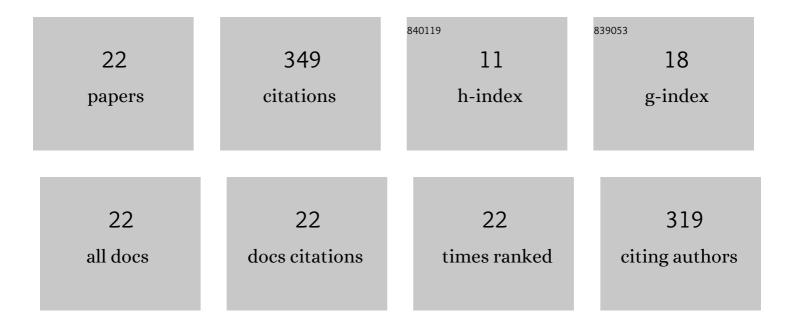
Masoud Forsat

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Analyzing nonlinear vibration of metal foam stiffened toroidal convex/concave shell segments considering porosity distribution. Mechanics Based Design of Structures and Machines, 2023, 51, 310-326.	3.4	14
2	Buckling of functionally graded nonuniform and imperfect nanotube using higher order theory. Waves in Random and Complex Media, 2023, 33, 914-937.	1.6	5
3	Analysis of nonlinear vibrations of CNT- /fiberglass-reinforced multi-scale truncated conical shell segments. Mechanics Based Design of Structures and Machines, 2022, 50, 2067-2083.	3.4	13
4	Geometrically nonlinear vibration analysis of eccentrically stiffened porous functionally graded annular spherical shell segments. Mechanics Based Design of Structures and Machines, 2022, 50, 2206-2220.	3.4	17
5	3D FEM Model on the Parameters' Influence of EPB-TBM on Settlements of Single and Twin Metro Tunnels During Construction. International Journal of Pavement Research and Technology, 2022, 15, 525-538.	1.3	5
6	Investigating nonlinear vibrations of multi-scale truncated conical shell segments with carbon nanotube/fiberglass reinforcement using a higher order conical shell theory. Journal of Strain Analysis for Engineering Design, 2021, 56, 181-192.	1.0	5
7	Investigating nonlinear vibrations of higher-order hyper-elastic beams using the Hamiltonian method. Acta Mechanica, 2020, 231, 125-138.	1.1	27
8	Nonlinear modeling and dynamic analysis of bioengineering hyper-elastic tubes based on different material models. Biomechanics and Modeling in Mechanobiology, 2020, 19, 971-983.	1.4	12
9	Integrated LTE and Millimeter-Wave 5G MIMO Antenna System for 4G/5G Wireless Terminals. Sensors, 2020, 20, 3926.	2.1	65
10	Malicious UAV Detection Using Integrated Audio and Visual Features for Public Safety Applications. Sensors, 2020, 20, 3923.	2.1	37
11	Collaborative Wireless Power Transfer in Wireless Rechargeable Sensor Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-13.	0.8	18
12	Analyzing nonlocal nonlinear vibrations of two-phase geometrically imperfect piezo-magnetic beams considering piezoelectric reinforcement scheme. Journal of Strain Analysis for Engineering Design, 2020, 55, 258-270.	1.0	4
13	Nonlinear vibrations of variable thickness curved panels made of multi-scale epoxy/fiberglass/CNT material using Jacobi elliptic functions. Mechanics Based Design of Structures and Machines, 2020, , 1-17.	3.4	6
14	Numerical and laboratory investigation of fatigue prediction models of asphalt containing glass wastes. International Journal of Fatigue, 2020, 140, 105819.	2.8	12
15	Nonlinear dynamic characteristics of nonlocal multi-phase magneto-electro-elastic nano-tubes with different piezoelectric constituents. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	3
16	Magneto-electric effects on nonlocal nonlinear dynamic characteristics of imperfect multi-phase magneto-electro-elastic beams. Journal of Magnetism and Magnetic Materials, 2020, 503, 166649.	1.0	5
17	Small scale effects on transient vibrations of porous FG cylindrical nanoshells based on nonlocal strain gradient theory. European Physical Journal Plus, 2020, 135, 1.	1.2	13
18	Nonlinear forced vibrations of sandwich smart nanobeams with two-phase piezo-magnetic face sheets. European Physical Journal Plus, 2019, 134, 1.	1.2	17

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#	Article	IF	CITATIONS
19	Dynamic response of metal foam FG porous cylindrical micro-shells due to moving loads with strain gradient size-dependency. European Physical Journal Plus, 2019, 134, 1.	1.2	17
20	Dynamic response of functionally graded graphene nanoplatelet reinforced shells with porosity distributions under transverse dynamic loads. Materials Research Express, 2019, 6, 075045.	0.8	36
21	Investigation of the Effect of Larestan's Pipeline Water on the Mechanical Properties of Concretes Containing Granite Aggregates. Advances in Civil Engineering, 2019, 2019, 1-11.	0.4	3
22	Post-buckling analysis of piezo-magnetic nanobeams with geometrical imperfection and different piezoelectric contents. Microsystem Technologies, 2019, 25, 3477-3488.	1.2	15