Constantinos Koutsoumaris

List of Publications by Year
in descending order

13 papers	273 citations	1478280 6 h-index	1199470 12 g-index

13 all docs	13 docs citations	13 times ranked	164 citing authors

#	Article	IF	Citations
1	A different approach to Eringen's nonlocal integral stress model with applications for beams. International Journal of Solids and Structures, 2017, 112, 222-238.	1.3	87
2	Nonlocal integral approach to the dynamical response of nanobeams. International Journal of Mechanical Sciences, 2016, 115-116, 68-80.	3.6	82
3	A research into bi-Helmholtz type of nonlocal elasticity and a direct approach to Eringenâ€™s nonlocal integral model in a finite body. Acta Mechanica, 2018, 229, 3629-3649.	1.1	29
4	Application of bi-Helmholtz nonlocal elasticity and molecular simulations to the dynamical response of carbon nanotubes. AIP Conference Proceedings, 2015, , .	0.3	20
5	Dynamical response of an embedded nanobeam by using nonlocal integral stress models. Composites Part B: Engineering, 2018, 150, 255-268.	5.9	19
6	Nonlocal integral static problems of nanobeams resting on an elastic foundation. European Journal of Mechanics, A/Solids, 2021, 89, 104295.	2.1	8
7	Eigenfrequencies of microtubules embedded in the cytoplasm by means of the nonlocal integral elasticity. Acta Mechanica, 2020, 231, 1669-1684.	1.1	8
8	Interior penalty discontinuous Galerkin FEMs for a gradient beam and CNTs. Applied Numerical Mathematics, 2019, 144, 118-139.	1.2	7
9	The gradient beam: A confrontation between the analytical closed type and numerical type solution. AIP Conference Proceedings, 2018, , .	0.3	6
10	A straightforward approach to Eringenâ€™s nonlocal elasticity stress model and applications for nanobeams. AIP Conference Proceedings, 2016, , .	0.3	4
11	Mixed nonlocal-gradient elastic materials with applications in wave propagation of beams. AIP Conference Proceedings, 2016, , .	0.3	2
12	Nonlocal integral elasticity analysis of nanobeams by employing finite element method. AIP Conference Proceedings, 2016, , .	0.3	1
13	Conforming and nonconforming FEMs for the free vibration problem of a CNT microbeam. Composite Structures, 2022, 291, 115581.	3.1	0