ÃÄºÄdem DemÄºr

List of Publications by Year
in descending order

14 papers	1,357 citations	840776 11 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	724 citing authors

#	Article	IF	Citations
1	Bending analysis of microtubules using nonlocal Eulerâ€“Bernoulli beam theory. Applied Mathematical Modelling, 2011, 35, 2053-2067.	4.2	300
2	Torsional and longitudinal frequency and wave response of microtubules based on the nonlocal continuum and nonlocal discrete models. Applied Mathematical Modelling, 2013, 37, 9355-9367.	4.2	173
3	On the analysis of microbeams. International Journal of Engineering Science, 2017, 121, 14-33.	5.0	173
4	A simple mathematical model of microtubules surrounded by an elastic matrix by nonlocal finite element method. Applied Mathematics and Computation, 2016, 289, 335-352.	2.2	155
5	A new nonlocal FEM via Hermitian cubic shape functions for thermal vibration of nano beams surrounded by an elastic matrix. Composite Structures, 2017, 168, 872-884.	5.8	109
6	Determination of critical buckling loads of isotropic, FGM and laminated truncated conical panel. Composites Part B: Engineering, 2016, 94, 1-10.	12.0	99
7	Free Vibration and Bending Analyses of Cantilever Microtubules Based on Nonlocal Continuum Model. Mathematical and Computational Applications, 2010, 15, 289-298.	1.3	82
8	Discrete singular convolution approach for buckling analysis of rectangular Kirchhoff plates subjected to compressive loads on two-opposite edges. Advances in Engineering Software, 2010, 41, 557-560.	3.8	80
9	Vibration analysis of FG cylindrical shells with power-law index using discrete singular convolution technique. Curved and Layered Structures, 2016, 3, .	1.3	66
10	Free Vibration Analysis of Carbon Nanotubes Based on Shear Deformable Beam Theory by Discrete Singular Convolution Technique. Mathematical and Computational Applications, 2010, 15, 57-65.	1.3	55
11	Higher-order continuum theories for buckling response of silicon carbide nanowires (SiCNWs) on elastic matrix. Archive of Applied Mechanics, 2017, 87, 1797-1814.	2.2	36
12	Free vibration analysis of annular sector plates via conical shell equations. Curved and Layered Structures, 2017, 4, 146-157.	1.3	12
13	Nonlocal Finite Element Formulation for Vibration. International Journal of Engineering and Applied Sciences, 2016, 8, 109-109.	0.1	9
14	ELASTÄ°K BÄ°R MALZEME Ä°LE TEMAS HALÄ°NDE OLAN GRAFEN TABAKANIN TÄ°TREÅžÄ°M HESABI. Journal of the Faculty of Engineering and Architecture of Gazi University, 2017, 32, .	0.8	8