

Erfan Salari

List of Publications by Citations

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16
papers

943
citations

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h-index

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17
ext. papers

1,013
ext. citations

3.5
avg. IF

5.12
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 16 | Thermal buckling and free vibration analysis of size dependent Timoshenko FG nanobeams in thermal environments. <i>Composite Structures</i> , 2015 , 128, 363-380 | 5.3 | 130 |
| 15 | Thermo-mechanical vibration analysis of nonlocal temperature-dependent FG nanobeams with various boundary conditions. <i>Composites Part B: Engineering</i> , 2015 , 78, 272-290 | 10 | 121 |
| 14 | Investigating thermal effects on vibration behavior of temperature-dependent compositionally graded Euler beams with porosities. <i>Meccanica</i> , 2016 , 51, 223-249 | 2.1 | 110 |
| 13 | Nonlocal thermo-mechanical vibration analysis of functionally graded nanobeams in thermal environment. <i>Acta Astronautica</i> , 2015 , 113, 29-50 | 2.9 | 100 |
| 12 | Effect of various thermal loadings on buckling and vibrational characteristics of nonlocal temperature-dependent functionally graded nanobeams. <i>Mechanics of Advanced Materials and Structures</i> , 2016 , 23, 1379-1397 | 1.8 | 98 |
| 11 | Size-dependent thermo-electrical buckling analysis of functionally graded piezoelectric nanobeams. <i>Smart Materials and Structures</i> , 2015 , 24, 125007 | 3.4 | 87 |
| 10 | Size-dependent free flexural vibrational behavior of functionally graded nanobeams using semi-analytical differential transform method. <i>Composites Part B: Engineering</i> , 2015 , 79, 156-169 | 10 | 80 |
| 9 | Application of the differential transformation method for nonlocal vibration analysis of functionally graded nanobeams. <i>Journal of Mechanical Science and Technology</i> , 2015 , 29, 1207-1215 | 1.6 | 75 |
| 8 | Thermomechanical Vibration Behavior of FG Nanobeams Subjected to Linear and Non-Linear Temperature Distributions. <i>Journal of Thermal Stresses</i> , 2015 , 38, 1360-1386 | 2.2 | 61 |
| 7 | Thermo-mechanical vibration analysis of a single-walled carbon nanotube embedded in an elastic medium based on higher-order shear deformation beam theory. <i>Journal of Mechanical Science and Technology</i> , 2015 , 29, 3797-3803 | 1.6 | 34 |
| 6 | In-plane thermal loading effects on vibrational characteristics of functionally graded nanobeams. <i>Meccanica</i> , 2016 , 51, 951-977 | 2.1 | 20 |
| 5 | Analytical modeling of dynamic behavior of piezo-thermo-electrically affected sigmoid and power-law graded nanoscale beams. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1 | 2.6 | 15 |
| 4 | Nonlinear thermal stability and snap-through buckling of temperature-dependent geometrically imperfect graded nanobeams on nonlinear elastic foundation. <i>Materials Research Express</i> , 2019 , 6, 1250j6 ¹⁻⁷ | | 5 |
| 3 | Semi-analytical vibration analysis of functionally graded size-dependent nanobeams with various boundary conditions. <i>Smart Structures and Systems</i> , 2017 , 19, 243-257 | | 4 |
| 2 | Nonlocal vibration analysis of FG nano beams with different boundary conditions. <i>Advances in Nano Research</i> , 2016 , 4, 85-111 | | 3 |
| 1 | Thermal loading effects on electro-mechanical vibration behavior of piezoelectrically actuated inhomogeneous size-dependent Timoshenko nanobeams. <i>Advances in Nano Research</i> , 2016 , 4, 197-228 | | 0 |