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See:
https://scholar.google.co.uk/citations?user=wKfb9nAAAAAJ&hl=en
https://www.researchgate.net/scientific-contributions/2111172019_Jalal_Torabi

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Selected Publications:

Salamat-Talab M., Nateghi A., Torabi J.: Static and dynamic analysis of third-order shear deformation FG micro beam based on modified couple stress theory. Int. J. Mech. Sci. 57, 63–73 (2012)
M.R. Eslami and J. Torabi, "Thermal buckling of functionally graded truncated conical shells", 20th Annual Conference of Mechanical Engineering, (publisher and date not given)
J. Torabi, Y kiani and M.R. Eslami, "Linear thermal buckling analysis of truncated hybrid FGM conical shells", Composites Part B: Engineering, Vol. 50, pp 265-272, July 2013
Jalal Torabi and Mohammad Reza Eslami, "Linear thermal buckling of truncated isotropic conical shells with piezoelectric layers", Encyclopedia of Thermal Stresses, pp 2778-2785, 2014
Reza Ansari and Jalal Torabi, "Numerical study on the buckling and vibration of functionally graded carbon nanotube-reinforced composite conical shells under axial loading", Composites Part B: Engineering, Vol. 95, pp 196-208, June 2016
Reza Ansari and Jalal Torabi, "Nonlocal vibration analysis of circular double-layered graphene sheets resting on an elastic foundation subjected to thermal loading", Acta Mechanica Sinica, Vol. 32, No. 5, pp 841-853, October 2016
R. Ansari, J. Torabi and M. Faghih Shojaei, "Vibrational analysis of functionally graded carbon nanotube-reinforced composite spherical shells resting on elastic foundation using the variational differential quadrature method", European Journal of Mechanics – A/Solids, Vol. 60, pp 166-182, November-December 2016
Reza Ansari, Jalal Torabi, Mostafa Faghih Shojaei and Emad Hasrati, "Buckling analysis of axially-loaded functionally graded carbon nanotube-reinforced composite conical panels using a novel numerical variational method", Composite Structures, Vol. 157, pp 398-411, December 2016

Reza Ansari, Jalal Torabi and Amir Hosein Shakouri, “Vibration analysis of functionally graded carbon nanotube-reinforced composite elliptical plates using a numerical strategy”, Aerospace Science and Technology, Vol. 60, pp 152-161, January 2017
Ansari R, Torabi J, Shojaei M F. Buckling and vibration analysis of embedded functionally graded carbon nanotube-reinforced composite annular sector plates under thermal loading. Composites Part B: Engineering, 2017, 109: 197-213.
Ansari, R., Torabi, J., Hassani, R.: In-plane and shear buckling analysis of FG-CNTRC annular sector plates based on the third-order shear deformation theory using a numerical approach. Comput. Math. Appl. 75(2), 486–502 (2017)
J. Torabi and R. Ansari, “Nonlinear free vibration analysis of thermally induced FG-CNTRC annualar plates: Asymmetric versus axisymmetric study”, Computer Methods in Applied Mechanics and Engineering, Vol. 324, pp 327-347, September 2017
Emad Hasrati, Reza Ansari and Jalal Torabi, “Nonlinear forced vibration analysis of FG-CNTRC cylindrical shells under thermal loading using a numerical strategy”, International Journal of Applied Mechanics, Vol. 9, No. 8, December 2017
E. Hasrati, R. Ansari and J. Torabi, “A novel numerical solution strategy for solving nonlinear free and forced vibration problems of cylindrical shells”, Applied Mathematical Modelling, Vol. 53, pp 653-672, January 2018
R. Ansari, J. Torabi and E. Hasrati, “Axisymmetric nonlinear vibration analysis of sandwich annular plates with FG-CNTRC face sheets based on the higher-order shear deformation plate theory”, Aerospace Science and Technology, Vol. 77, pp 306-319, June 2018
Jalal Torabi, Reza Ansari and Mansour Darvizeh, “A C1 continuous hexahedral element for nonlinear vibration analysis of nano-plates with circular cutout based on 3D strain gradient theory”, Composite Structures, Vol. 205, pp 69-85, 1 December 2018
Ansari R, Torabi J, Norouzzadeh A (2018) Bending analysis of embedded nanoplates based on the integral formulation of Eringen’s nonlocal theory using the finite element method. Physica B 534:90–97
Jalal Torabi and Reza Ansari, “A higher-order isoparametric superelement for free vibration analysis of functionally graded shells”, Thin-Walled Structures, Vol. 133, pp 169-179, December 2018
Reza Ansari, Jalal Torabi and Mostafa Faghih Shojaei, “An efficient numerical method for analyzing the thermal effects on the vibration of embedded single-walled carbon nanotubes based on the nonlocal shell model”, Mechanics of Advanced Materials and Structures, Vol. 25, No. 6, pp 500-511, 2018
Jalal Torabi, Reza Ansari and Ramtin Hassani, “Numerical study on the thermal buckling analysis of CNT-reinforced composite plates with different shapes based on the higher-order shear deformation theory”, European Journal of Mechanics - A/Solids, Vol. 73, pp 144-160, January-February 2019
H. Rouhi, F. Ebrahimi, R. Ansari and J. Torabi, “Nonlinear free and forced vibration analysis of Timoshenko nanobeams based on Mindlin’s second strain gradient theory”, European Journal of Mechanics - A/Solids, Vol. 73, pp 268-281, January-February 2019