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- Hussain, M., Naeem, M.N., Khan, M.S. and Tounsi, A. (2020), “Computer-aided approach for modelling of FG cylindrical shell sandwich with ring supports”, *Comput. Concrete, Int. J.*, **25**(5), 411-425. <https://doi.org/10.12989/cac.2020.25.5.411>
- Jouneghani, F.Z., Dimitri, R. and Tornabene, F. (2018), “Structural response of porous FG nanobeams under hygro-thermo-mechanical loadings”, *Compos. Part B: Eng.*, **152**, 71-78. <https://doi.org/10.1016/j.compositesb.2018.06.023>
- Nguyen, T.K., Sab, K. and Bonnet, G. (2008), “First order shear deformation plate models for functionally graded materials”, *Compos. Struct.*, **83**, 25-36. <https://doi.org/10.1016/j.compstruct.2007.03.004>
- Nguyen, D.D., Kim, S.E. and Nguyen, D.K. (2020), “Nonlinear buckling and post-buckling analysis of shear deformable stiffened truncated conical sandwich shells with functionally graded face sheets and a functionally graded porous core”, *J. Sandw. Struct. Mater.* <https://doi.org/10.1177/1099636220906821>
- Ramteke, P.M., Panda, S.K. and Sharma, N. (2019), “Effect of grading pattern and porosity on the eigen characteristics of porous functionally graded structure”, *Steel Compos. Struct., Int. J.*, **33**(6), 865-875. <https://doi.org/10.12989/scs.2019.33.6.865>
- Reddy, J.N. (2000), “Analysis of functionally graded plates”, *Int. J. Numer. Method. Eng.*, **47**(1-3), 663-684. [https://doi.org/10.1002/\(SICI\)1097-0207\(20000110/30\)47:1/3<663::AID-NME787>3.0.CO;2-8](https://doi.org/10.1002/(SICI)1097-0207(20000110/30)47:1/3<663::AID-NME787>3.0.CO;2-8)
- Trinh, C.M., Nguyen, D.D. and Kim, S.E. (2019), “Effects of porosity and thermomechanical loading on free vibration and nonlinear dynamic response of functionally graded sandwich shells with double curvature”, *Aerosp. Sci. Technol.*, **87**, 119-132. <https://doi.org/10.1016/j.ast.2019.02.010>
- Trinh, M.C., Mukhopadhyay, T. and Kim, S.E. (2020), “A semi-analytical stochastic buckling quantification of porous functionally graded plates”, *Aerosp. Sci. Technol.*, **105**, 105928. <https://doi.org/10.1016/j.ast.2020.105928>
- Wattanasakulponga, N. and Ungbhakornb, V. (2014), “Linear and non linear vibration analysis of elastically restrained ends FGM beams with porosities”, *Aero. Sci. Technol.*, **32**(1), 111-120. <https://doi.org/10.1016/j.ast.2013.12.002>
- Wattanasakulpong, N., Prusty, B.G., Kelly, D.W. and Hoffman, M. (2012), “Free vibration analysis of layered functionally graded beams with experimental validation”, *Mater. Des.*, **36**, 182-190. <https://doi.org/10.1016/j.matdes.2011.10.049>
- Wu, D., Liu, A., Huang, Y., Huang, Y., Pi, Y. and Gao, W. (2018), “Dynamic analysis of functionally graded porous structures through finite element analysis”, *Eng. Struct.*, **165**, 287-301. <https://doi.org/10.1016/j.engstruct.2018.03.023>
- Xu, K., Yuan, Y. and Li, M. (2019), “Buckling behavior of functionally graded porous plates integrated with laminated composite faces sheets”, *Steel Compos. Struct., Int. J.*, **32**(5), 633-642. <https://doi.org/10.12989/scs.2019.32.5.633>
- Younsi, A., Tounsi, A., Zaoui, F.Z., Bousahla, A.A. and Mahmoud, S.R. (2018), “Novel quasi-3D and 2D shear deformation theories for bending and free vibration analysis of FGM plates”, *Geomech. Eng., Int. J.*, **14**(6), 519-532. <https://doi.org/10.12989/gae.2018.14.6.519>
- Zenkour, A.M. (2006), “Generalised shear deformation theory for bending analysis of functionally graded plates”, *Appl. Mathe. Modell.*, **30**, 67-84. <https://doi.org/10.1016/j.apm.2005.03.009>
- Zhao, J., Xie, F., Wang, A., Shuai, C., Tang, J. and Wang, Q. (2019), “Vibration behavior of the functionally graded porous (FGP) doubly-curved panels and shells of revolution by using a semi-analytical method”, *Compos. Part B: Eng.*, **157**, 219-238. <https://doi.org/10.1016/j.compositesb.2018.08.087>