















































- of adherend shear deformations”, *Int. J. Adhes. Adhes.*, **29**, 343-351.  
<https://doi.org/10.1016/j.ijadhadh.2008.06.008>
- 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>
- Zenkour, A.M. and Radwan, A.F. (2018), “Compressive study of functionally graded plates resting on Winkler-Pasternak foundations under various boundary conditions using hyperbolic shear deformation theory”, *Arch. Civil Mech. Eng.*, **18**, 645-658. <https://doi.org/10.1016/j.acme.2017.10.003>
- Zhu, J., Lai, Z., Yin, Z., Jeon, J. and Lee, S. (2001), “Fabrication of ZrO<sub>2</sub>-NiCr functionally graded material by powder metallurgy”, *Mater. Chem. Phys.*, **68**(1-3), 130-135.  
[https://doi.org/10.1016/S0254-0584\(00\)00355-2](https://doi.org/10.1016/S0254-0584(00)00355-2)