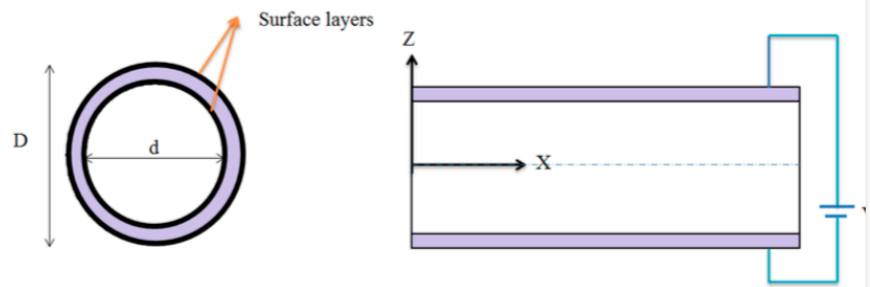


**Professor Li Li**



From: Ahad Amiri, Roohollah Talebitooti and Li Li, "Wave propagation in viscous-fluid-conveying piezoelectric nanotubes considering surface stress effects and Knudsen number based on nonlocal strain gradient theory", *The European Physical Journal Plus*, Vol. 133, July 2018

See:

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### Research Interests:

Finite element analysis and applications; Damped structural dynamics; Micromechanics of composites.

### Selected Publications:

Li Li and Yujin Hu, "Critical flow velocity of fluid-conveying magneto-electro-elastic pipe resting on an elastic foundation", *International Journal of Mechanical Sciences*, Vol. 119, pp 273-282, December 2016

Xiaohai Li, Li Li, Yujin Hu, Weiming Deng and Zhe Ding, "A refined nonlocal strain gradient theory for assessing scaling-dependent vibration behavior of microbeams", *International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering*, Vol. 11, No. 3, 2017

Li Li and Yujin Hu, "Post-buckling analysis of functionally graded nanobeams incorporating nonlocal stress and microstructure-dependent strain gradient effects", *International Journal of Mechanical Sciences*, Vol. 120, pp 159-170, January 2017

Xiaobai Li, Li Li, Yujin Hu, Zhe Ding and Weiming Deng, "Bending, buckling and vibration of axially functionally graded beams based on nonlocal strain gradient theory", *Composite Structures*, Vol. 165, pp 250-265, April 2017

Li Li and Yujin Hu, "Torsional vibration of bi-directional functionally graded nanotubes based on nonlocal elasticity theory", *Composite Structures*, Vol. 172, pp 242-250, July 2017

Xiaowu Xhu and Li Li, "Twisting statics of functionally graded nanotubes using Eringen's nonlocal integral model", *Composite Structures*, October 2017

Xiaowu Zhu and Li Li, "On longitudinal dynamics of nanorods", *International Journal of Engineering Science*, November 2017

Xiaowu Zhu and Li Li, "Longitudinal and torsional vibrations of size-dependent rods via nonlocal integral elasticity", *International Journal of Mechanical Sciences*, December 2017

Li Li and Yujin Hu, "Torsional statics of two-dimensionally functionally graded microtubes", *Mechanics of Advanced Materials and Structures*, December 2017

Li Li, Xiaobai Li and Yujin Hu, "Nonlinear bending of a two-dimensionally functionally graded beam", *Composite Structures*, January 2018

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Li Li, Haishan Tang and Yujin Hu, "The effect of thickness on the mechanics of nanobeams", *International Journal of Engineering Science*, February 2018

Hooman Aminipour, Maziar Janghorban and Li Li, "A new model for wave propagation in functionally graded anisotropic doubly-curved shells", *Composite Structures*, Vol. 190 pp 91-111, April 2018

Ku Duan, Yijun Li, Li Li, Yujin Hu and Zuelin Wang, "High intrinsic dissipation of graphyne nanotubes", *EPL, A Letters Journal Exploring the Frontiers of Physics*, Vol. 122, 4600, May 2018

Haishan Tang, Li Li and Yujin Hu, "Buckling analysis of two-directionally porous beam", *Aerospace Science and Technology*, Vol. 78, pp 471-479, July 2018

Ahad Amiri, Roohollah Talebitooti and Li Li, "Wave propagation in viscous-fluid-conveying piezoelectric nanotubes considering surface stress effects and Knudsen number based on nonlocal strain gradient theory", *The European Physical Journal Plus*, Vol. 133, July 2018

Davood Shahsavari, Behrouz Karami and Li Li, "A high-order gradient model for wave propagation analysis of porous FG nanoplates", *Steel and Composite Structures*, Vol. 29, No. 1, pp 53-66, October 2018

Behrouz Karami, Davood Shahsavari, Seyed Mohammad Reza Nazemosadat, Li Li and Arash Ebrahimi, "Thermal buckling of smart porous functionally graded nanobeam rested on Kerr foundation", *Steel and Composite Structures* Volume 29, Number 3, November 10 2018, pages 349-362

Weiming Deng, Li Li, Yujin Hu, Xuelin Wang and Xiaobai Li, "Thermoelastic damping of graphene nanobeams by considering the size effects of nanostructure and heat conduction", *Journal of Thermal Stresses*, Vol. 41, No. 9, pp 1182-1200, 2018

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Behrouz Karami, Davood Shahsavari, Maziar Janghorban and Li Li, "Free vibration analysis of FG nanoplate with poriferous imperfection in hygrothermal environment", *Structural Engineering and Mechanics*, Vol. 73, No. 2, 2020, pp 191-207