List of Publications

Books

Invited Book Chapters

Journal Papers


30. Upadrashta D* and Yang YW (2016). “Nonlinear piezomagnetoelastic harvester array for broadband energy harvesting.” J of Applied Physics, 120, 054504 (IF: 2.176) (RSO Tier 1, SCI Q2) #


37. Zhao LY^ and Yang YW (2015). “Analytical solutions for galloping-based piezoelectric energy harvesters with various interfacing circuits”, Smart Materials and Structures, 24, 075023. (IF: 2.963) (CEE & RSO Tier 1, SCI Q1) [Featured Article of SMS; also listed in SMS - Highlights of 2015 Collection]. #


60. Yang YW and Bahador SD* (2010), “Sub-frequency interval approach in electromechanical impedance technique for concrete structure health monitoring.” Sensors, 10(12), 11644-11661. (IF: 2.475) (CEE & RSO Tier 1, SCI Q2) #
impedance signature," *Smart Materials and Structures*, 19(6) 065031. (IF: 2.963) (CEE & RSO Tier 1, SCI Q1) #


75. **Yang YW**, Lim YY* and Soh CK (2008). “Practical issues related to the application of electromechanical impedance technique in structural health monitoring of civil structures: Part II – numerical verification.” *Smart Materials and Structures*, 17(3), 035009. (IF: 2.963) (CEE & RSO Tier 1, SCI Q1) #


concrete structures.” Sensors, 8(1), 327-346. (IF: 2.475) (CEE & RSO Tier 1, SCI Q2) #


interacting System." *J of Aerospace Engineering*, ASCE, 18(2), 93-101. (IF: 1.296) (in old CEE Tier 1 list, SCI Q2) #


**Other journal Papers (non-SCI or in Chinese)**


**Confrence papers**


80. Bhalla S^, Naidu ASK, Yang YW and Soh CK (2003). “An impedance-based piezoelectric-structure interaction model for smart structure applications.” Second MIT Conference on Computational Fluid and Solid Mechanics, Cambridge, MA, 107-110. (This paper was awarded Young Researcher Fellowship Award by MIT)


