

data”.

- Kobayashi, Y., Miki, C., Tanabe, A. (2004), “Longterm monitoring of traffic loads by automatic real time weigh in motion.” *Journal of Structural Mechanics and Earthquake Engineering*, Vol. **69**(773), 99-111.
- Lechner, B., et al. (2010), “A Wavelet-Based Bridge Weigh-in-Motion System.” *International Journal on Smart Sensing and Intelligent Systems*, Vol. **3**(4), 573-591.
- Lydon, Myra, Taylor, S.E., Robinson, D., Mufti, A., O’Brien, E.J. (2016), “Recent development in bridge weigh in motion (B-WIM).” *Journal of Civil Structural Health Monitoring*, Vol. **6**, 69-81.
- McNulty, P., O’Brien, E.J. (2003), “Testing of bridge weigh-in-motion system in a sub-Arctic climate.” *Journal of Testing and Evaluation*, Vol. **31**(6), 497–506.
- Moses, F. (1979), “Weigh-in-motion system using instrumented bridges.” *Transportation Engineering Journal (ASCE)*, Vol. **105**(3), 233-249.
- Navid, Z., et al. (2013), “Identification of Truck Types using Strain Sensors include Co-located Strain Gauges”, *Structures Congress*, 363-375.
- O’Brien, E.J., Znidaric, A., Ojio, T. (2008), “Bridge weigh-in-motion: Latest developments and applications worldwide”, *Proceeding of the International conference on heavy vehicles incorporating heavy vehicle transport technology and weigh-in-motion (pp. 25– 38)*, Paris, France.
- Quilligan, M., Karoumi, R., O’Brien, E.J. (2002), “Development and testing of a 2-dimensional multi-vehicle bridge WIM algorithm”, *Proceeding of the 3rd international conference on weigh-in-motion (ICWIM3) (pp. 199–208)*. Ames, IA: Iowa State University, Center for Transportation Research and Education.
- Sakayabagi, H., et al. (2008), “Analysis of Axle Position Information from Strain History Data with Long Influence Lines.” *Journal of Structural Engineering*, Vol. **54A**, 582-589.
- Xiao, Z.G., et al. (2006), “Measurement of truck axle weight by instrumenting longitudinal ribs of orthotropic bridge.” *Journal of bridge engineering*, Vol. **11**(5), 526-532.
- Yang, Y.B., Lin, C.W., Yan, J.D. (2004), “Extracting the bridge frequencies from the dynamic response of a passing vehicle.” *Journal of Sound and Vibration*, Vol. **272**(3-5), 471-493.
- Yang, Y.B., Lin, C.W. (2005), “Vehicle-bridge interaction dynamics and potential applications.” *Journal of Sound and Vibration*, Vol. **284**, 205–226.
- Yin, X. F., Fang, Z., Cai C.S. (2011), “Lateral vibration of high-pier bridge under moving vehicular loads.” *Journal of Bridge Engineering*, Vol. **16**(3), 400-412.
- Zhu, X.Q., Law, S.S. (2005), “Bridge dynamic responses due to road surface roughness and braking of vehicle.” *Journal of Sound and Vibration*, Vol. **282**, 805-830