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【在研科研项目】

1. 国家863计划，基于物联网的区域桥梁自供电分布式智能监测与诊断技术(2014AA10402)，2013年-2016年
2. 国家自然科学基金面上计划，沙碎石基因组多尺度试验与模拟(2013-41372320)，2013年-2016年
3. 交通部建设科技项目，沥青路面压电技术与设备集成研究(2014-318791080)，2014年-2017年

【代表性学术论文】

1. Linbing Wang. *Mechanics of Asphalt, Microstructure and Micromechanics*, McGraw-Hill, 480p, 2010.
2. Hou, Y., Wang, L., Yue, P., Pauli, T and Sun, W. (2014). "Modeling Mode I Cracking Failure in Asphalt Binder by Using Nonconserved Phase-Field Model." *Journal of Materials in Civil Engineering*, 26(4), 684-691.
3. Xiong, H*, Wang, L, Wang, D., and Druta, C. (2012). "Piezoelectric Energy Harvesting from Traffic Induced Deformation of Pavements." *International Journal of Pavement Research and Technology*, Vol 5, Issue 5, pp.333-337.
4. Wang, D., Wang, L., Gu, X., and Zhou, G. (2013). "Effect of Basalt Fiber on the Asphalt Binder and Mastic at Low Temperature". *Journal of Materials in Civil Engineering*, Vol. 25, Issue 3, 2013, pp.355-364.
5. Linbing Wang, Wenjuan Sun, Erol Tutumluer, and Cristian Druta. Evaluation of aggregate imaging techniques for the quantification of morphological characteristics. *Transportation Research Record: Journal of the Transportation Research Board*, 2013, No. 2335, 39-49.



Linbing Wang, professor at the National Center for Materials Service Safety, received his B.S. in hydraulic engineering from Hohai University, M.S. in geotechnical engineering from Tongji University in 1991, and Ph.D. in civil engineering from Georgia Tech in 1998. His recent research interest is pavement engineering. He is the Vice Chair for the Micro and Nano Mechanics committee of the Engineering Mechanics Institute of ASCE. Dr. Wang serves on the editorial boards for International Journal of Pavement Research and Technology, Transportation Geotechnics, and Journal of Traffic and Transportation Engineering.

【Publications】

1. Linbing Wang. *Mechanics of Asphalt, Microstructure and Micromechanics*, McGraw-Hill, 480p, 2010.
2. Hou, Y., Wang, L., Yue, P., Pauli, T and Sun, W. (2014). "Modeling Mode I Cracking Failure in Asphalt Binder by Using Nonconserved Phase-Field Model." *Journal of Materials in Civil Engineering*, 26(4), 684-691.
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5. Linbing Wang, Wenjuan Sun, Erol Tutumluer, and Cristian Druta. Evaluation of aggregate imaging techniques for the quantification of morphological characteristics. *Transportation Research Record: Journal of the Transportation Research Board*, 2013, No. 2335, 39-49.