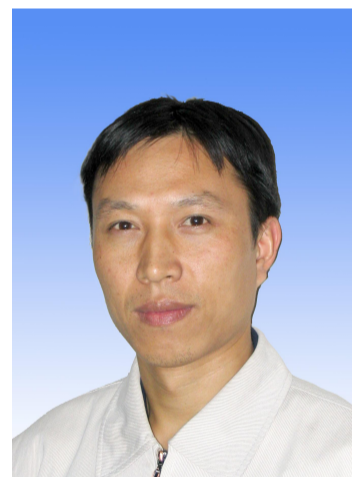


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现为重庆大学机械传动国家重点实验室教授，博士生导师，2010年教育部新世纪优秀人才获得者。2005年博士毕业于西安交通大学轴承-转子教育部重点实验室，2007年清华大学摩擦学国家重点实验室博士后出站，2008年-2010年美国西北大学表面工程中心的Research Fellow。国际期刊<<ISRN Tribology>>编委，中国机械工程学会高级会员，多个美国/英国机械工程师协会期刊、<<中国科学>>、<<内燃机学报>>、<<摩擦学学报>>等期刊审稿人，曾任机械传动国际大会、摩擦学大会分会主席，发表论文70余篇，其中SCI/EI检索论近60篇，授权/申请专利9项，获教育部技术发明一等奖一项。

公开发表论文（代表作）

已在国内外重要学术期刊或国际重要学术会议上发表论文70余篇，其中被SCI、EI、ISTP索引50余篇。已发表的10篇代表性论文如下：

- [1] F.M. Meng, T. Yang. Preliminary Study on Mechanism of Cavitation in Lubricant of Textured Sliding Bearing Proceedings of the Institution of Mechanical Engineers Part J:Journal of engineering tribology. 2013, 227(7) 695-708.(SCI期刊).
- [2] Meng Fanming.On Influence of Cavitation in Lubricant Upon Tribological Performances of Textured Surfaces. Optics and Laser Technology , 2013, 48:422-431. (SCI检索).
- [3] Meng Fanming. Eeffect of the cut-off frequency on rough-point and flat-surface contacts. journal of mechanical science and technology. 2012, 26(9): 2889-2901. (SCI检索)
- [4] Fanming Meng, Cen Shaoqi, Wan Daping. Study of Inertia Forces Effect of Oil Film on Performances for Radial-ThrustFloating Ring Hybrid bearing Using Complex and Finite Element Methods. Proceedings of the Institution of Mechanical Engineers Part J: Journal of engineering Tribology. 2011, 225(12): 1139-1151. (SCI检索)
- [5] Fanming Meng, Jiayu Wang, Ke Xiao.A study of the influences of particles in the gas flow passage of a piston ring pack on the tribological performances of the piston ring. Proceedings of the Institution of Mechanical Engineers Part C:Journal of mechanical engineering science. 2010, 224 (1): 201~215. (SCI检索)
- [6] Meng, FM , Zhou, R , Davis, T , Cao, J, Wang, QJ , Hua, D , Liu, J . Study on effect of dimples on friction of parallel surfaces under different sliding conditions. Applied surface science. 2010, 256(9), 2863~2875.(SCI检索).
- [7] Meng, F M, Cen S Q, Hu Y Z, and Wang H. on Elastic Deformation, Inter-asperity Cavitation and Lubricant Thermal Effects on Flow Factors. Tribology International. 2009,42(2):260~274. (SCI检索)
- [8] MENG F.M, Wang, QJ , Hua, D , Liu, J . A Simple Method to Calculate Contact Factor Used in Average Flow Model. Journal of Tribology, 2010,132(2): 269~272. (SCI检索).
- [9] MENG F.M, Zhang YY, Hu YZ, and Wang H. Thermo-elasto-hydrodynamic Lubrication Analysis of Piston Skirt Considering Oil Film Inertia Effect. Tribology International. 2007, 40 (7): 1089~1099. (SCI检索)
- [10] MENG F.M, Hu YZ, and Wang H, Zhang YY. Analysis of Dynamic Performances of Piston-Crankshaft System Considering Oil Film Forces Reconstructed by Neural Network. Proceedings of the Institution of Mechanical Engineers Part D: Journal of Automobile Engineering. 2007, 221 (2): 171~180. (SCI检索)



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