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简介:

陈隽, 男, 河南安阳人, 博士, 同济大学土木工程学院教授、博士生导师, 上海市优秀学术带头人。1993 年 7 月毕业于郑州工学院 (现郑州大学), 同年 9 月推免攻读硕士学位, 1996 年 9 月进入同济大学攻读博士学位, 1999 年 10 月博士毕业后留校任教。2001 年 7 月-2004 年 7 月在香港理工大学土木及结构工程学系从事访问研究, 2007 年, 2011 年, 2013 年, 分别在日本东京工艺大学、美国伊利诺伊大学香槟分校、英国曼彻斯特大学大学做短期访学。

主持纵向科研项目 20 项, 其中包括国家自然科学基金重点项目 1 项, 面上项目 3 项, 青年基金 1 项, 作为骨干成员曾先后参与国家自然科学基金创新研究群体科学基金及国家“十一五”科技支撑计划、“十五”科技攻关计划等国家重点科研项目研究。上海市高峰学科骨干教师, 曾获上海市优秀学术带头人、教育部新世纪优秀人才, 霍英东教育基金会优秀青年教师, 上海市浦江人才等称号。。

主要研究方向工程结构的单人及人群荷载建模、人致工程结构振动、工程结构的健康监测以及大数据技术在土木工程中的应用等。曾获国家自然科学基金二等奖、教育部、上海科技进步奖励等 6 项。曾开设或合作讲授《结构动力学》、《钢-混凝土组合结构》等研究生课程和《混凝土结构基本原理》、《混凝土特种结构》等本科生课程。

出版中文学术著作 1 部, 作为 Guest Editor 负责主编国际学术期刊专辑 (Special Issue) 1 次, 8 次受邀在重要国内和国际学术会议上做大会邀请报告, 在国内外学术期刊发表研究论文 125 余篇 (其中国内外核心刊物论文 70 余篇, 被 SCI 收录 40 篇篇)。

主要研究方向:

- 人致荷载与人致工程结构振动
- 工程结构的振动舒适度与振动控制
- 大数据在土木工程中的应用
- 城市群抗灾

主持科研项目:

- 主持项目“城市建筑群抗灾可靠度预测与灾变综合模拟”，国家自然科学基金重点项目，2018-2021.
- 主持项目“基于智能手机测试的人群荷载协同性因子研究”，国家自然科学基金面上项目，2018-2021.
- 主持项目“人致荷载的物理随机模型研”，国家自然科学基金面上项目，2015-2018.
- 主持项目“步行荷载动力特性三维实验与分析模型研究”，国家自然科学基金面上项目，2012-2015.

荣誉与获奖:

- 霍英东高等院校青年教师奖，教育部，2008年
- 入选上海市“浦江人才计划”，上海市，2006年
- 入选教育部“新世纪优秀人才”支持计划，教育部，2012年
- 入选上海市“优秀学术带头人”，上海市，2019年

教学工作:

- 结构动力学，研究生课程，2012-
- 混凝土结构基本原理，本科生课程，2012-

发表论文:

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- [10] Mengshi Zhang, Christos T. Georgakis and [Jun Chen*](#), Biomechanically excited SMD model of a walking pedestrian (2016), Journal of Bridge Engineering, 21(8):C4016003-1
- [11] [Jun Chen*](#), Huan Tan and Ziyue Pan, Experimental validation of smartphones for measuring human-induced loads, (2016), Smart Structures and Systems, 18(3):625-642,
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- [14] Ruotian Xu, [Jun Chen*](#) and Xinqun Zhu, A hybrid approach for parameter optimization of multiple tuned mass damper in reducing floor vibrations due to occupant walking: Theory and parametric studies, Advances in Structural Engineering, 2017, Vol 20, No.8, pp1232-1246
- [15] Haoqi Wang, [Jun Chen*](#) and James M.W. Brownjohn, Parameter identification of pedestrian's spring-mass-damper model by ground reaction force records through a particle filter approach, J. of Sound and Vibration 411 (2017) 409-421
- [16] Ziyue Pan and [Jun Chen*](#), Measurement of pedestrian's load using smartphones, Structural Engineering and Mechanics, Vol. 63, No.6, (2017) 771-777

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- [18] Jiecheng Xiong and [Jun Chen*](#), Power spectral density function for individual jumping load, *International Journal of Structural Stability and Dynamics*, 2018, 18(2):1850023,
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- [25] [Jun Chen*](#), Jinping Wang and James M. W. Brownjohn, Power spectral-density model for pedestrian walking load, *Journal of Structural Engineering*, ASCE, 2019, 145(2): 04018239
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