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基本信息

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教育背景

- 2000年-2003年，中国科学院自动化研究所，获工学博士学位
- 1995年-1998年，北京工业大学，计算机学院，获工学硕士学位
- 1991年-1995年，山东建材学院，机械工程系系，获工学学士学位

研究方向

- 植物生长建模与可视化、农业平行系统与应用、智能农业

代表论著

[1] Mengzhen Kang，Ep Heuvelink, Susana M. P. Carvalho, Philippe de Reffye. 2012. A virtual plant that responds to the environment like a real one: the case for chrysanthemum. New Phytologist 195: 384–395.

[2] Philippe de Reffye,Mengzhen Kang *，Jing Hua, Daniel Auclair. 2012. stic modelling of tree annual shoot dynamics. Annals of Forest Sciences 69: 3-165.

[3] Mengzhen Kang, LiLi Yang, BaoGui Zhang, Philippe de Reffye. 2011. Correlation between Dynamic Tomato Fruit Set and Source Sink Ratio: A common relationship for different plant densities and seasons? Annals of Botany 107: 805-815.

[4] Feng Wang, Mengzhen Kang, Qi Lu, Hui Han, Véronique Letort, Yan Guo, Philippe de Reffye, Baoguo Li. 2011. Simulation of the structure and function of young Mongolian Scots pine trees using the stochastic GreenLab model. Annals of Botany 107: 781-792.

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主要学术成就

- 2012-2015， 国家自然科学面上基金项目，课题负责人

- 2012-2015，国家科技部863计划项目，子课题负责人
- 2008-2010， 国家自然科学青年基金项目，课题负责人
- 2008-2010，国家科技部863计划项目，课题负责人
- 2006-2010， 国家科技部863计划项目，子课题负责人
- 2012 IEEE植物生长建模、模拟、可视化与应用国际会议(PMA’09)共同主席
- 植物功能结构模型国际会议(FSPM) Board Member