

研究方向(Research Interests)

无穷维随机分析及其在数学物理中的应用

(Stochastic Analysis on infinite dimensional spaces, SPDEs and interacting diffusions and their applications to mathematical physics)

代表论文(Representative Publications)

1. Gong Guanglu, **Liu Yong**, Qian Minping, *Simulated annealing with a potential function with discontinuous gradient on R^d* , Science in China (Series A), 2001, vol 44. No. 5, 571-578.
2. Gong Guanglu, **Liu Yong**, Qian Minping, *An adaptive simulated annealing algorithm*, Stochastic Proc. Appl., 2001, vol94, 95-103
3. **Liu Yong**, Zhao Huaizhong, *Representation of pathwise stationary solutions of stochastic Burgers' equations* Stochastics and Dynamics 2009 vol 9 No. 4 613-634
4. **Liu Yong**, Zhai Jianliang, *A note on time regularity of generalized Ornstein-Uhlenbeck processes with cylindrical stable noise*. C. R. Acad. Sci. Paris, Ser. I 350 (2012) 97-100
5. Chen Yong, **Liu Yong**, *On the fourth moment theorem for complex multiple Wiener-Ito integrals* Infin.Dimens.Anal.Quantum Probab. Relat. Top. 20 (2017) No.1 1750005, 24pp

全部发表论文(More Publications)

<http://www.ams.org/mathscinet/search/publications.html?pg1=IID&s1=889058>

近期承担的科研基金(Recent Grant Support)

国家自然科学基金重点项目：随机结构中的极值问题(项目编号 12231002, 2023年元月-2027年12月), 项目参与者