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个人简历

　　张龙，1977 年 8 月生，男，汉族，新疆伊宁人，中共党员。教授，硕士生导师。1997.9-2001.6 新疆大学数学系，信息与计算科学本科毕业，2001.9-2007.6 新疆大学数学与系统科学学院，计算数学专业硕士毕业，2004.9-2007.6 新疆大学数学与系统科学学院，应用数学专业博士毕业，2010.9-2011.9 国家留学基金委公派赴美国迈阿密大学博士后。2012.4-2017.12 任数学与系统科学学院方程教研室副主任，2016.12-任数学与系统科学学院院长助理。国家自然科学基金委通讯评审专家、中国工业与应用数学学会会员。Math Review 特约评论员。

　　近年来主要从事微分方程理论及其应用、生物数学模型研究。主持完成国家自然科学基金青年项目 1 项、地区项目 1 项；主持完成自治区自然科学基金项目 2 项、自治区高校科研项目 2 项。发表论文 60 余篇，SCI 收录 30 余篇。 2012 年入选自治区天山英才工程培养计划"第二层次"人选，2014 年入选自治区优秀青年科技创新人才称号。

科研项目

1、国家自然科学基金地区项目，混杂生态动力学模型研究及应用（11361059），2014.1-2017.12，40.00 万元，主持人

2、国家自然科学基金青年项目，"绿洲-荒漠"岛屿生态种群的扩散模型研究（10901130），2010.1.1-2012.12.31，17.00 万元，主持人

3. 自治区自然科学基金青年基金,脉冲扩散种群的动力学行为研究(2012211B07)),2012.5-2014. 5,5万元,主持人

4. 自治区优秀青年科技创新人才项目 8万, 2014.6-2017.12, 主持人。

5. 自治区高校科研计划重点项目,混杂生态模型的动力学行为研究及应用(XJEDU2013I03),2014.1-2016.12,5万元,主持人。

6. 自治区高校科研计划青年项目,脉冲扩散种群动力学模型研究,(XJEDU2009S21),2010.1-2011.12,2万元,主持人。

7. 国家自然科学基金青年项目,分数阶神经网络模型的稳定性与同步行为(11402223), 2015/01-2017/12, 25万元, 排名第二

8. 国家自然科学基金地区项目,控制策略和不确定性因素对传染病传播和治疗影响的数学描述与模型分析(11461067), 2015/01-2018/12, 40万元,, 排名第二

9. 国家自然科学基金地区项目,神经网络动力学复杂性和同步行为研究(60764003), 2008/01-2010/12, 22万元, 排名第四

科研奖励

1、期刊论文"具有脉冲扰动及时滞的N种群非自治竞争系统研究"于2013年获自治区第十二届自然科学优秀论文二等奖,排名第一

2、非线性种群的动力学模型研究2011年获自治区科学技术进步奖二等奖,排名第二

3、期刊论文"Permanence for a delayed periodic predator – prey model with prey dispersal in multi-patches and predator density-independent, Journal of Mathematical Analysis and Applications"2009年获自治区第十届自然科学优秀论文二等奖,排名第一

4、期刊论文"Existence and global exponential stability of almost periodic solution for cellularneural networks with vaiable coefficients and time-varying delays"2005年获自治区第九届自然科学优秀论文一等奖，排名第二

5、2013年获自治区"天山英才"第二梯队人选

6、2013年获自治区组织部"高层次人才培养计划"项目

7、2014年获自治区"优秀青年科技创新人才培养工程"项目

8、2012年获新疆大学"优秀科研工作者"称号

9、2012年获新疆大学第二届"青年科研奖"

10、生态种群及传染病动力学模型研究于2016年获新疆大学第一届自然科学奖一等奖,排名第一。

11、硕士研究生李艳青2017年获新疆大学优秀毕业生称号。

科研成果（论文、专著等）

2018年度

1. Yantao Luo, Long Zhang*, Zhidong Teng, Donald L. DeAngelis, A parasitism–mutualism–predation model consisting of crows, cuckoos and cats with stage-structure and maturation delays on crows and cuckoos,Journal of Theoretical Biology 446 (2018) 212–228.

2. Hongli Li，Long Zhang，Zhidong Teng，Yaolin Jiang，AhmadjanMuhammadhaji，Global stability of an SI epidemic model with feedback controlsin a patchy environment, Applied Mathematics and Computation , 2018, 21:372-384.

3. Hui Miao, Xamxinur Abdurahman, Zhidong Teng, Long Zhang, Dynamical analysis of a delayed reaction-diffusion virus infection model with logistic growth and humoral immune impairment, Chaos, Solitons & Fractals, 110 (2018) 280-291

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3. Hong-Li Li, Long Zhang*, Zhidong Teng, Yao-Lin Jiang, A delayed predator-prey system with impulsivediffusion between two patches, International Journal of Biomathematics,, 2017,(10)1,1750010,20pages.

4. Yantao Luo, Long Zhang*, Zhidong Teng, Coexistence for an Almost Periodic Predator-Prey Model withIntermittent Predation Driven by Discontinuous Prey Dispersal, Discrete Dynamics in Nature and SocietyVolume 2017, Article ID 7037245, 15 pages

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6. Hongli Li，Long Zhang，Cheng Hu，Yao-Lin Jiang，Zhidong Teng，Dynamical analysis of a fractional-order predator-prey model incorporating a prey refuge，Journal of Applied Mathematics and Computing，2017, 54: 435-449.

7. Hongli Li, Long Zhang, Cheng Hu, Zhidong Teng, Dynamic analysis of afractional-order single-species model with diffusion, Nonlinear Analysis: Modeland Control, 2017, 22(3): 303-316.

8. Hongli Li, Zuolei Wang, Yaolin Jiang, Long Zhang, Anti-Synchronizationand Intermittent Anti-Synchronization of Two Identical Delay HyperchaoticChua Systems Via Linear Control, Asian Journal of Control, 2017,19(1): 202-214

9. JinhuiLi, ZhidongTeng, GuangqingWang, LongZhang, ChengHu, Stability and bifurcation analysis of an SIR epidemic model with logistic growth and saturated treatment, Chaos, Solitons & Fractals, 99 (2017), 63-71

10. 刘江，张龙*，蒋中川，李艳青，大功率风电并网变流器系统中非线性脉冲扰动的同步控制研究，高校应用数学学报，2107, 32(4), 388-402.

11. 李洪利，张龙，滕志东，蒋耀林， 一类具有反馈控制的随机 SI 传染病模型的全局稳定性，生物数学学报，2017，2：137-145.

12. 李艳青，张龙*，刘江，具有季节性自然演替及脉冲扰动的单种群模型研究，四川师范大学学报，2017，40(1)：84-89

13. 罗颜涛，张龙*，滕志东，一类间歇时滞扩散的概周期捕食系统的持久性，广西师范大学学报，2017，35(2)：50-57.

2016年度

1. Long Zhang, Gao Xu, Zhidong Teng, Intermittent dispersal population model with almost periodparameters and dispersal delays, Discrete and Continuous Dynamical Systems B, 21 (6) (2016)2011-2037.

2. Long Zhang, Zhidong Teng, The dynamical behavior of a Predator–prey system with Compertzgrowth function and impulsive dispersal of prey between two patches, Math. Meth. Appl. Sci. 39(2016) 3623–3639.

3. Hongli Li，Cheng Hu，Yaolin Jiang，Long Zhang，Zhidong Teng，Global Mittag-Leffler stability for a coupled system of fractional-order differentialequations on network with feedback controls, Neurocomputing, 2016, 214:233-241.

4. 李宝雄，张龙*，年巧玲，在马尔科夫转换下有着随机选取斑块的单种群间歇扩散模型，新疆大学学报，2016，33(2)：172-177

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2. Hong-Li Li, Yao-Lin Jiang, Zuolei Wang, Long Zhang, Zhidong Teng，Parameter identification andadaptive–impulsive synchronization of uncertain complex networks with nonidentical topologicalstructures，Optik 126 (2015) 5771–5776.

3. 朱铁磊，姜冰钰，章洁，王鹏飞，张龙*，Dynamics of Population Model with Aggregate Intermittent Dispersal，新疆大学学报，2015,32(4): 427-434.

4. 王新兵，张龙*，谢秋霞，带有白噪声干扰的单种群对称扩散模型，新疆大学学报，2015, 32(2): 165-169

5. 谢秋霞，张龙*，王新兵,具有食饵随机扩散的捕食-食饵系统,新疆大学学报，2015, 32(1): 40-44

6. 许明星，滕志东，张龙，具有密度制约的非自治 SIRS 传染病模型的持久性与灭绝性，新疆大学学报，2015, 32(1): 33-39

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2. Hongli Li, Yaolin Jiang, Long Zhang, Zhidong Teng, Global Stability for a Three-Species Food ChainModel in a Patchy Environment, Journal of Applied Mathematics, Volume 2014, Article ID 314729, 5pages

3. Hongli Li, Long Zhang*, Yaolin Jiang, Zhidong Teng, Dynamic Behaviors of Holling Type IIPredator-Prey System with Mutual Interference and Impulses, Discrete Dynamics in Nature andSociety, Volume 2014, Article ID 793761, 13 pages.

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7. Zengyun Hu, Zhidong Teng, Chaojun Jia, Long Zhang and Xi Chen, Complex dynamical behaviors ina discrete eco-epidemiological model with disease in prey, Advances in Difference Equations 2014,2014:265

8. 徐高，张龙，两斑块间具有非对称脉冲扩散的带时滞的捕食食饵系统的分析，新疆大学学报（自然科学版), 31（3）2014: 280-288

9. 李洪利，张龙，万海云，两斑块间具有非对称双向脉冲扩散的周期单种群模型，31(1) 2014:70-75

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3. 尚乔歌，张龙*，滕志东，具有离散时滞及标准发生率的SIR传染病模型的全局吸引性及持久性，新疆大学学报（自然科学版), 29（2）2012: 174-181

2011年度

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2010年度

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2. Zijian Liu, Zhidong Teng, Long Zhang, Two patches impulsive diffusion periodic single-speciesLogistic model, International Journal of Biomathematics, 3(1) (2010) 127-141.

2008年度

1. Long Zhang, Zhidong Teng, Permanence for a delayed periodic predator‑prey model with preydispersal in multi-patches and predator density-independent, Journal of Mathematical Analysis andApplications. 338 (2008) 175‑193.

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3. Long Zhang, Zhidong Teng，Permanence for a class of periodic time-dependent predator‑preysystem with dispersal in a patchy-environment，Chaos, Solitons and Fractals 38 (2008) 1483‑1497.

4. Xiaomei Feng, Zhidong Teng, Long Zhang, Permanence for nonautonomous N-speciesLotke-Volterra competitive system with feedback controls, Rocky Mountain Journal of Mathematics,38（5）2008 1355-1376.

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2007年度

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2006年度

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2005年度

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