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2006年7月毕业于清华大学生物科学与技术系，获生物学专业生化与分子生物学方向理学博士学位。2006年12月至2011年12月在美国国立卫生研究院（National Institutes of Health, NIH）从事博士后研究，2012年5月通过人才引进进入天津师范大学生命科学学院。2013年入选天津市第二批“用三年时间引进千名以上高层次人才”计划。现主持国家自然科学基金面上项目、天津市自然科学基金及国家留学回国人员科研启动基金各一项，校级项目3项。发表SCI论文30余篇，累计影响因子超过100，累计他引500余次。

研究方向：

1. 胞外核苷（酸）信号在水生动物天然免疫、个体发育、逆境适应中的作用及其分子机理。
2. 钙信号通路在水生动物逆境适应与天然免疫应答中的作用机制。

论文发表（节选）：

1. **Shuo Li**, Xiaoli Chen, Gaixiang Hao, Xuyun Geng, Wenbin Zhan, Jinsheng Sun. Identification and characterization of a novel NOD-like receptor family CARD domain containing 3 gene in response to extracellular ATP stimulation and its role in regulating LPS-induced innate immune response in Japanese flounder (*Paralichthys olivaceus*) head kidney macrophages. **Fish & Shellfish Immunology**. **2016**, 50:79-90.
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3. **Shuo Li**, Zirui Jia, Xiaoli Chen, Xuyun Geng, Jinsheng Sun. Identification and characterization of the cDNAs encoding the two subunits of Chinese mitten crab (*Eriocheir sinensis*) calcineurin: Their implications in stress and immune response. **Fish & Shellfish Immunology**. **2015**, 43(1):91-102.
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- Paralichthys olivaceus*. **Fish & Shellfish Immunology**. **2014**, 40(1):164-173.
5. **Shuo Li**, Xuejing Li, Claudio Coddou, Xuyun Geng, Junli Wei, Jinsheng Sun. Molecular characterization and expression analysis of ATP-gated P2X7 receptor involved in Japanese flounder (*Paralichthys olivaceus*) innate immune response. **PLOS ONE**. **2014**, 9(5):e96625.
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 9. Yan Z, Khadra A, **Li S**, Tomic M, Sherman A, Stojilkovic SS. Experimental characterization and mathematical modeling of P2X7 receptor channel gating. **The Journal of Neuroscience**. **2010**, 30(42):14213-14224.
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 11. Zonghe Yan, **Shuo Li**, Zhaodong Liang, Melanija Tomic, Stanko S. Stojilkovic. The P2X7 Receptor Channel Pore Dilates under Physiological Ion Conditions. **The Journal of General Physiology**. **2008**, 132(5):563-573.
 12. Qin Wang¹, **Shuo Li**¹, Changzhong Li, Jian Liang, Zi Fang, Liping Xie, Rongqing Zhang. The extra C-terminal tail is involved in the conformation, stability changes and the N/C-domain interactions of the calmodulin-like protein from pearl oyster *Pinctada fucata*. **Biochimica et Biophysica Acta-Proteins and Proteomics**.

2008,1784(11):1514-1523. (1 同等贡献作者).

13. Cen Zhang, **Shuo Li**, Zhuojun Ma, Liping Xie, Rongqing Zhang. A novel matrix protein p10 from the nacre of pearl oyster (*Pinctada fucata*) and its effects on CaCO₃ crystals formation and mineralogenic-related cells. **Marine Biotechnology**. 2006, 8(6):624-633.
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发明专利:

牙鲆胞外 ATP 受体 P2X7 cDNA 全长序列及其应用。孙金生、李硕、李雪静、耿绪云、王青华。专利授权号: ZL 201310685979.6