

# Resume of Ying Shi PhD

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**Name:** Ying Shi

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## EDUCATION STATUS

2011-2014: PhD in theoretical physics, Dalian University of Technology, China.

2009-2011: MS in theoretical physics, Dalian University of Technology, China.

## RESEARCH DIRECTIONS

Quantum physics, quantum communication, dynamics of entanglement in QED& solid quantum systems

## RESEARCH GRANTS

National Natural Science Foundation of China(Grant No. 11647102)-Program Director  
The Doctoral Scientific Research Foundation of LiaoNing Province (Grant No. 2016J052)-Program Director

National Natural Science Foundation China (Grant No. 10875020; Grant No. 11105021; Grant No. 11175033)-Participant

## PUBLICATIONS

1. **Ying Shi**, Li Zheng, Yu-Jie Liu and Chong Li, Entanglement acquirement from continuous variable system. International Journal of Quantum Information, Vol. 14, No. 7, 1650038(2016) (SCI)
2. **Ying Shi**, Feng-Yang Zhang, Chong Li, He-shan Song, Thermalizing Quantum Correlations in Two-Atom System, Int. J. Theor. Phys. 52,3504(2013) (SCI)
3. **Ying Shi**, Zi-hong Chen, Chong Li, Li Zheng, He-shan Song, Bidirectional Storing and Exchanging of Quantum Message in a Two-Atom System, Int. J. Theor. Phys. 51, Number 8 (2012) (SCI)
4. F.Y. Zhang, **Y. Shi**, C. Li, and H.S. Song, Flexible two-qubit controlled phase gate in a hybrid solid-state system, Eur. Phys. J. B 85: 385(2012) (SCI)
5. ZHANG Feng-Yang, **SHI Ying**, LI Chong and SONG He-Shan, Quantum Entanglement Creating and Evolving in Two Charge Qubits Coupling to a Nanomechanical Resonator System, Commun. Theor. Phys.56, 2(2011)(SCI)
6. Chen Zi Hong, Zhang Feng Yang, **Shi Ying**, Song He Shan, Transferring three-Dimensional Quantum States and implementing quantum phase gate based on

resonant interaction between distant atoms. CHIN.PHYS. LETT. 29( 9): 090304(2012)  
(SCI)

7.Li Zheng, Li Xiong, **Ying Shi**, Yu Jie Liu, Chong Li, Dynamics of Quantum Correlation of Two Atoms with Photon Recoil, Int. J. Theor. Phys. 52, 2296(2013) (SCI)

8.Bao-Liang Cao, **Ying Shi** and Dong-Guang Jiang, The Dynamics of Quantum Correlations between Two Atoms in Two Coupled Cavities, Int. J. Theor.Phys.(2013),  
accept (SCI)