

Chenhui Qu

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Education

09/2014 - Present	University of Michigan, Ann Arbor Master, Electrical Engineering	Advisor: Prof. Mark J. Kushner GPA:
09/2010 - 06/2014	Dalian University of Technology B.S., Applied Physics	Advisor: Prof. Yuanhong Song GPA: 3.25/4.0

Publication

Xiao-min Nie, Bo-yang Shao, **Chen-hui Qu**, Ling Zhou *Simulation of Three-Spin Interaction in Coupled Cavities Chain* International Journal of Theoretical Physics IJTP-D-13-00021

Thesis

B.S. Wake-effect for electrons travel through carbon nanotube

Research Experience

01/2015 - Present	Investigate on Microarray Plasma <ul style="list-style-type: none">■ Explore plasma behaviors in micro-scale■ Collect data of microarray plasma
09/2011 – 04/2013	Quantum Simulation of Three-Spin Interaction

- Calculate the effective three-spin Hamiltonian in the interaction picture
- Numeral Modeling and analyzing

07/2012-08/2012 **State Key Laboratory of Molecular Reaction Dynamics**

- Use Linux operating system, as well as OpenMM and VMD to realize the visualization of simulation of the large biological molecule.
- Finished the task of biological molecule simulation by using professional knowledge as well as relevant software

Award

Undergraduate Innovation and Entrepreneurship Training Program---Excellent Project

Skills

use of Matlab, Fortran, Altium Designer, 3DMax, SPSS

