

## Postdoctoral Researchers

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### Biographical Info

2018-present: Postdoctoral researcher, Universidad Autónoma de Madrid, Spain.

2016-2018: Lecturer at Southwest University, China.

2011-2016: PhD student at Peking University, China.

2006-2010: Bachelor at Shanxi University, China.

### Research Interests

Quantum Nano-photonics.

### Relevant/Recent Publications

All-optical active control of photon correlations: Dressed-state-assisted quantum interference effects, Dongxing Zhao, Phys. Rev. A 98, 033834, (2018). [\[URL\]](#)

Quantum statistics control with a plasmonic nanocavity: Multimode-enhanced interferences, Dongxing Zhao, Ying Gu, Hongyi Chen, Juanjuan Ren, Tiancai Zhang, and Qihuang Gong, Phys. Rev. A 92, 033836, (2015). [\[URL\]](#)

Tailoring double Fano profiles with plasmon-assisted quantum interference in hybrid exciton-plasmon system, Dongxing Zhao, Jiarui Wu, Ying Gu and Qihuang Gong, Appl. Phys. Lett. 105, 111112, (2014). [\[URL\]](#)

Quantum-dot gain without inversion: Effects of dark plasmon-exciton hybridization, Dongxing Zhao, Ying Gu, Jiarui Wu, Junxiang Zhang, Tiancai Zhang, Brian D. Gerardot, and Qihuang Gong, Phys. Rev. B 89, 245433, (2014). [\[URL\]](#)

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