

Yue Zhu

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Education

- 2016–2017 **Visiting Student**, *Stanford University*, Ginzton Laboratory, Electrical Engineering, *Spectrometer Design*.
- 2012–2017 **Ph.D.**, *Nanjing University of Science and Technology*, Optical Engineering, *GPA – 3.7*.
- 2008–2012 **B.S.**, *Nanjing University of Science and Technology*, Optoelectronic Information Engineering, *GPA – 3.15*.

Employment

- 2018– **Assistant Professor**, *Nanjing University of Science and Technology*, School of Electrical and Optical Engineering, *Department of Optical Engineering*.
- 2017–2018 **Postdoctoral Scholar**, *Stanford University*, Ginzton Laboratory, Electrical Engineering, *Embryo Optical Coherence Tomography Imaging*.

Skills

Engineering



Languages

Mainly Publications

- 1 **Zhu.Y, W.Gao**, (2020), Liver tissue classification of *en face* images by fractal dimension-based support vector machine, ***Journal of Biophotonics***.
<https://doi.org/10.1002/jbio.201960154>
- 2 **Zhu.Y, W.Gao**, (2019), Single-shot wavelength-independent phase-shifting method for full-field optical coherence tomography, ***Applied Optics***.
<https://doi.org/10.1364/AO.58.000806>
- 3 **Smith.Gennifer, Li.Linkai, Zhu.Y, Audrey Bowden**, (2018), Low-power, low-cost urinalysis system with integrated dipstick evaluation and microscopic analysis, ***Lab on a Chip***.
<https://doi.org/10.1039/C8LC00501J>
- 4 **W.Gao and Zhu.Y**, (2016), Fractal analysis of *en face* tomographic images obtained with full field optical coherence tomography, ***Annalen Der Physik***.
<https://doi.org/10.1002/and p.201600216>
- 5 **Zhu.Y, et al**, (2015), Rapid and high-resolution imaging of human liver specimens by full-field optical coherence tomography, ***Journal of biomedical optics***.
<https://doi.org/10.1117/1.JBO.20.11.116010>

Academic Conference

- Feb 2020 **SPIE Photonics West, San Francisco**, *Poster Presentation*, **Zhu Yue**, Gao Wanrong. "Achromatic phase-shifting method for isolated tissue imaging with video-rate FF-OCT." SPIE BiOS. International Society for Optics and Photonics, 2020.
- Sept 2016 **SPRC Annual Symposium –Advances in Quantitative Microscopic Imaging, Stanford**, *Poster Presentation*, **Zhu Yue**, Gao Wanrong, Audrey.K.Bowden."High-resolution imaging of Liver Biopsy Cells with full field Optical Coherence Tomography".
- Feb 2015 **SPIE Photonics West, San Francisco**, *Poster Presentation*, **Zhu Yue**, Gao Wanrong. "High-resolution imaging of biological tissue with full- field optical coherence tomography." SPIE BiOS. International Society for Optics and Photonics, 2015.

Declaration

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particular.

Date:

Place:

Yue Zhu