

Yue ZHU

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📁 AM Lab

Date of Birth: March 30, 1991



Education

November 9, 2017 **Ph.D.**, *Nanjing University of Science and Technology*, Optical Engineering.

June 30, 2012 **B.S.**, *Nanjing University of Science and Technology*, Optoelectronic Information Engineering .

Employment

2021–present **Associate Professor**, *Nanjing University of Science and Technology*, School of Electrical and Optical Engineering.

2018–2021 **Assistant Professor**, *Nanjing University of Science and Technology*, School of Electrical and Optical Engineering.

2017–2018 **Postdoctoral Scholar**, *Stanford University*, Ginzton Laboratory, Electrical Engineering.

University and Professional Service

Course

20',21' Biophotonics(Graduates)

19',20',21' Optical image processing(Undergraduates)

Academic Peer Review

20' OSA certified reviewer

Service and Mentoring Activity

16',17' **Teaching Assistant**, *Stanford University*, Stanford Summer Scholars Institute.

18'–present **Member**, *Nanjing University of Science and Technology*, Optical Engineering Department Academic Affairs Committee.

Languages

Native Chinese speaker

Fluent English speaker / 6.5 in IELTS

Mainly Grants

2020–present National Natural Science Foundation of China (62005123), Host

2019–present Natural Science Foundation of Jiangsu Province (BK20190455), Host

2016–2018 NSF: Shedding New Light on the Miracle of Life (1351981), Member

Mainly Publications

- 1 **Y.Zhu, 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 **Y.Zhu, 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, Y.Zhu, 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 Y.Zhu**, (2016), Fractal analysis of *en face* tomographic images obtained with full field optical coherence tomography, ***Annalen Der Physik***.
<https://doi.org/10.1002/andp.201600216>
- 5 **Y.Zhu, W.Gao, 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.

Referees

Prof.W.Gao **E-mail: Wgao@njust.edu.cn**, *Nanjing University of Science and Technology*.
Prof. Audrey **E-mail: a.bowden@vanderbilt.edu**, *Vanderbilt University*.
K Bowden

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.

Signature:



2021.10.5