

Yue ZHU

Department of Optical Engineering
Nanjing University of Science and Technology, China
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Date of Birth: March 30, 1991



Education

- 2017.11 **Ph.D.**, *Nanjing University of Science and Technology*, Optical Engineering.
- 2016.8 **Visiting student**, *Stanford University*, Ginzton Laboratory, Electrical Engineering.
- 2012.6 **B.S.**, *Nanjing University of Science and Technology*, Optoelectronic Information Engineering.

Employment

- 2022.5–present **Visiting Scholar**, *University of Tsukuba*, Computational Optics Group.
- 2021.9 **Associate Professor**, *Nanjing University of Science and Technology*, School of Electrical and Optical Engineering.
- 2018.3 **Assistant Professor**, *Nanjing University of Science and Technology*, School of Electrical and Optical Engineering.
- 2017.10–2018.2 **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', 21' OSA certified reviewer

Service and Mentoring Activity

- 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

Skin-level Japanese speaker

Mainly Grants

- 2022–present Chinese Scholarship Council (202106845011): Research on Full-field Swept-source OCT, Host
- 2021–present National Natural Science Foundation of China (62005123): Research on Augmented Full-field structured optical coherence encoding tomography, Host
- 2020–present Natural Science Foundation of Jiangsu Province (BK20190455), Host

Mainly Publications

- 1 **Y.Zhu, Y.Zhou, Z.Guo**, (2023), Fractal-based aberration-corrected full-field OCT, *Biomed. Opt. Express*.
<https://doi.org/10.1364/BOE.485090>
- 2 **H. Tian, F. Tang, W.Gao, Y.Zhu**, (2022), Review on Dynamic Scattered Light Measurement in Full-Field Optical Coherence Tomography, *Chinese J Lasers*.
<https://doi.org/10.3788/cjl202249.0507202>
- 3 **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>
- 4 **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>
- 5 **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>
- 6 **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>
- 7 **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

- Jan 2023 **SPIE Photonics West, San Francisco, Oral Presentation, Zhu Yue**, Yuan Zhou, Zhenyan Guo. "DMD-based structured illumination FFOCT." SPIE BiOS. International Society for Optics and Photonics, 2023.

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:



2023-06-30