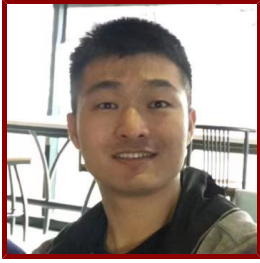


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Yongkai Liu

Postdoctoral Scholar, Radiology

Bio

BIO

Dr. Yongkai Liu is a postdoctoral scholar at Stanford's Center for Advanced Functional Neuroimaging, led by Drs. Greg Zaharchuk and Michael Moseley. His specific study areas include Medical Image Segmentation and Classification, PET/MRI, and Artificial Intelligence. Dr. Liu received his Ph.D. in Physics&Biology in Medicine from the University of California, Los Angeles (UCLA), under the supervision of Prof. Kyung Sung. He studied CT Virtual Colonoscopy under the supervision of Prof. Jerome Liang and Chaijie Duan during his master's degree. He served as a peer reviewer in several critical journals in medical imaging, such as IEEE Transactions on Medical Imaging (TMI), Medical Physics, IEEE Transactions on Radiation and Plasma Medical Sciences, and IEEE Transactions on Biomedical Engineering.

PROFESSIONAL EDUCATION

- M.S., Tsinghua University , Biomedical Engineering (2017)
- Ph.D, University of California, Los Angeles , Physics&Biology in Medicine (2022)

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- Greg Zaharchuk, Postdoctoral Faculty Sponsor

LINKS

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- Google Scholar: <https://scholar.google.com/citations?user=9nPt8pAAAAJ&hl=en>

Publications

PUBLICATIONS

- **Multiparametric MRI-based radiomics model to predict pelvic lymph node invasion for patients with prostate cancer** *EUROPEAN RADIOLOGY*
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- **Haustral loop extraction for CT colonography using geodesics** *INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY*
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