

A. EDUCATIONAL BACKGROUND

- **Ph.D.** 01/2022-
University of Western Ontario (UWO), Canada
Department of Biomedical Engineering
- **Visiting** 11/2018-03/2020
University of Western Ontario (UWO), Canada
Department of Biomedical Engineering
- **M.S.** 09/2017-06/2020
Shandong Normal University, China
Department of Electronics and Communication Engineering
- **B.S.** 09/2013-06/2017
Shandong Normal University, China
Department of Electronical Information Science and Technology

B. RESEARCH INTERESTS

Machine Learning, Medical Image Analysis, Computer Aided Diagnosis

C. SKILLS

Be skilled with Python and C + + programming, MATLAB, PyCharm .et software

D. PULICATIONS

- **Jianfeng Zhao** and Shuo Li. Learning Reliability of Multi-Modality Medical Images for Tumor Segmentation via Evidence-Identified Denoising Diffusion Probabilistic Models [C]// *Medical Image Computing and Computer-Assisted Intervention (MICCAI) 2023*.
- **Jianfeng Zhao**, Dengwang Li, Xiaojiao Xiao, Fabio Accorsi, Harry Marshall, Tyler Cossetto, Dongkeun Kim, Daniel McCarthy, Cameron Dawson, Stefan Knezevic and

Shuo Li. United Adversarial Learning for Liver Tumor Segmentation and Detection of Multi-modality Non-contrast MRI[J]. *Medical Image Analysis*, 2021: 102154

- **Jianfeng Zhao**, Xiaojiao Xiao, Dengwang Li, Jaron Chong, Zahra Kassam and Shuo Li. mfTrans-Net: Quantitative Measurement of Hepatocellular Carcinoma via Multi-Function Transformer Regression Network [C]// *Medical Image Computing and Computer-Assisted Intervention (MICCAI) 2021*.
- **Jianfeng Zhao**, Dengwang Li, Zahra Kassam, Joame Howey, Jaron Chong and Shuo Li. Tripartite-GAN: Synthesizing Liver Contrast-Enhanced MRI to Improve Tumor Detection[J]. *Medical Image Analysis*, 2020: 101667.
- **Jianfeng Zhao**, Pu Huang, Lei Xing, Steven Yi, Bao Zhang, Frank Meng and Dengwang Li. A New Registration Method Based on Surface Image Guided Radiation Therapy[C]//*MEDICAL PHYSICS*. 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY, 2018, 45(6): E395-E395.

E. ACADEMIC ACTIVITIES

Reviewer:

- IEEE Transactions on Big Data
- Journal of Biomedical and Health Informatics
- The 23th & 24th MICCAI (Medical Image Computing and Computer Assisted Intervention) Conference

F. AWARDS AND HONORS

2020 PhD student Scholarship, China Scholarship Council
2020 Excellent Graduate Student, Shandong Normal University
2019 Graduate student studies scholarship, Shandong Normal University
2018 Joint Master Student Scholarship, China Scholarship Council
2017 Graduate student studies scholarship, Shandong Normal University

G. EXPERIENCE

05/2017-06/2017 Radiology Department, Qianfoshan Attached Hospital of

	Shandong University, Jinan, Shandong, China
06/2017-07/2017	Radiology Department, Shandong Provincial Hospital, Jinan, Shandong, China

H. RESEARCH PROJECT

- Deep learning based real-time tracking technology for thoracic and abdominal tumors and its application in image-guided radiotherapy (61971271), National Natural Science Foundation of China (Participation)
- Research on the Algorithm and Application of Respiratory Related Sequence Image Processing Combined with Temporal and Spatial Information (61471226), National Natural Science Foundation of China (Participation)