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SCHEDULE 1

The Software

SRUS is a software to obtain super-resolution images from contrast-enhanced ultrasound sequence. It is based on the techniques described in the following papers:

- Jipeng Yan, Tao Zhang, Jacob Broughton-Venner, Pintong Huang, Meng-Xing Tang. Super-Resolution Ultrasound Through Sparsity-Based Deconvolution and Multi-Feature Tracking, IEEE Transactions on Medical Imaging, 2022. DOI: 10.1109/TMI.2022.3152396
- Jipeng Yan, Biao Huang, Johanna Tonko, Matthieu Toulemonde, Joseph Hansen-Shearer, Qingyuan Tan, Kai Riemer, Konstantinos Ntagiantas, Rasheda A Chowdhury, Pier D Lambiase, Roxy Senior, Meng-Xing Tang. Transthoracic Ultrasound Localization Microscopy of Myocardial Vasculature in Patients, Nature Biomedical Engineering, 2024. DOI: 10.1038/s41551-024-01206-6

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