



## Ruiyang Zhao

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### Bio

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#### STANFORD ADVISORS

- Ryan Brunsing, Postdoctoral Research Mentor
- Daniel Ennis, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Multicenter, multivendor validation of liver quantitative susceptibility mapping in patients with iron overload at 1.5T and 3T.** *Magnetic resonance in medicine*  
Buelo, C. J., Velikina, J., Mao, L., Zhao, R., Yuan, Q., Ghasabeh, M. A., Ruschke, S., Karampinos, D. C., Harris, D. T., Mattison, R. J., Jeng, M. R., Pedrosa, I., Kamel, et al  
2024
- **Practical Application of Multivendor MRI-Based R2\* Mapping for Liver Iron Quantification at 1.5 T and 3.0 T.** *Journal of magnetic resonance imaging : JMRI*  
Simchick, G., Zhao, R., Yuan, Q., Ghasabeh, M. A., Ruschke, S., Karampinos, D. C., Harris, D. T., do Vale Souza, R., Mattison, R. J., Jeng, M. R., Pedrosa, I., Kamel, I. R., Vasanaawala, et al  
2024
- **Validation of liver quantitative susceptibility mapping across imaging parameters at 1.5 T and 3.0 T using SQUID susceptometry as reference.** *Magnetic resonance in medicine*  
Zhao, R., Velikina, J., Reeder, S. B., Vasanaawala, S., Jeng, M., Hernando, D.  
2022
- **Multicenter Reproducibility of Liver Iron Quantification with 1.5-T and 3.0-T MRI.** *Radiology*  
Hernando, D., Zhao, R., Yuan, Q., Aliyari Ghasabeh, M., Ruschke, S., Miao, X., Karampinos, D. C., Mao, L., Harris, D. T., Mattison, R. J., Jeng, M. R., Pedrosa, I., Kamel, et al  
2022: 213256
- **fastMRI+, Clinical pathology annotations for knee and brain fully sampled magnetic resonance imaging data.** *Scientific data*  
Zhao, R., Yaman, B., Zhang, Y., Stewart, R., Dixon, A., Knoll, F., Huang, Z., Lui, Y. W., Hansen, M. S., Lungren, M. P.  
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- **Multi-Center, Multi-Vendor Reproducibility and Calibration of MRI-Based R2\*for Liver Iron Quantification**  
Hernando, D., Zhao, R., Yuan, Q., Ghasabeh, M., Ruschke, S., Miao, X., Karampinos, D. C., Mao, L., Harris, D. T., Kamel, R. R., Vasanaawala, S., Yokoo, T., Reeder, et al  
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