

# Stanford

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## Frank Ong

Research Engineer, Rad/Pediatric Radiology

### Bio

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#### LINKS

- My Website: <https://www.frankong.com>

### Publications

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#### PUBLICATIONS

- **Reconstruction of undersampled 3D non-Cartesian image-based navigators for coronary MRA using an unrolled deep learning model.** *Magnetic resonance in medicine*  
Malave, M. O., Baron, C. A., Koundinyan, S. P., Sandino, C. M., Ong, F., Cheng, J. Y., Nishimura, D. G.  
2020
- **Computational MRI With Physics-Based Constraints: Application to Multicontrast and Quantitative Imaging** *IEEE SIGNAL PROCESSING MAGAZINE*  
Tamir, J. I., Ong, F., Anand, S., Karasan, E., Wang, K., Lustig, M.  
2020; 37 (1): 94–104
- **General phase regularized reconstruction using phase cycling** *MAGNETIC RESONANCE IN MEDICINE*  
Ong, F., Cheng, J. Y., Lustig, M.  
2018; 80 (1): 112–25
- **Robust 4D Flow Denoising Using Divergence-Free Wavelet Transform** *MAGNETIC RESONANCE IN MEDICINE*  
Ong, F., Uecker, M., Tariq, U., Hsiao, A., Alley, M. T., Vasanawala, S. S., Lustig, M.  
2015; 73 (2): 828-842