

Jing Liu

List of Publications by Year in descending order

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11
papers

137
citations

1478505

6
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

65
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A Compressed Sensing Strategy for Synthetic Transmit Aperture Ultrasound Imaging. IEEE Transactions on Medical Imaging, 2017, 36, 878-891. | 8.9 | 53 |
| 2 | Compressed Sensing Based Synthetic Transmit Aperture Imaging: Validation in a Convex Array Configuration. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 300-315. | 3.0 | 22 |
| 3 | ApodNet: Learning for High Frame Rate Synthetic Transmit Aperture Ultrasound Imaging. IEEE Transactions on Medical Imaging, 2021, 40, 3190-3204. | 8.9 | 20 |
| 4 | Compressed Sensing Based Synthetic Transmit Aperture for Phased Array Using Hadamard Encoded Diverging Wave Transmissions. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 1141-1152. | 3.0 | 17 |
| 5 | Compressed sensing reconstruction of synthetic transmit aperture dataset for volumetric diverging wave imaging. Physics in Medicine and Biology, 2019, 64, 025013. | 3.0 | 13 |
| 6 | Acceleration of reconstruction for compressed sensing based synthetic transmit aperture imaging by using in-phase/quadrature data. Ultrasonics, 2022, 118, 106576. | 3.9 | 6 |
| 7 | Partial Hadamard encoded synthetic transmit aperture for high frame rate imaging with minimal l_2 -norm least squares method. Physics in Medicine and Biology, 2022, 67, 105002. | 3.0 | 4 |
| 8 | Performance Optimization of Compressed Sensing Based Synthetic Transmit Aperture Using Hadamard Matrix Encoding. , 2018, , . | | 1 |
| 9 | Partial Hadamard Encoded Synthetic Transmit Aperture for High Frame Rate Imaging with Minimal l_2 -Norm Least Square Method. , 2021, , . | | 1 |
| 10 | Compressed sensing based synthetic transmit aperture for phased array imaging. , 2017, , . | | 0 |
| 11 | A Self-supervised Deep Learning Approach for High Frame Rate Plane Wave Beamforming with Two-way Dynamic Focusing. , 2021, , . | | 0 |