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### Publications

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#### PUBLICATIONS

- **Improving real-time ultrasound spine imaging with a large-aperture array.** *Science advances*  
Lu, N., Foiret, J., Guo, Y., Yoon, B. C., Ferrara, K. W.  
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- **Multimodal imaging-guided sonodynamic therapy for orthotopic liver cancer using a functionalized sonosensitizer** *NANO TODAY*  
Wang, M., Zhang, N., Li, R., Foiret, J., Ferrara, K. W., Yue, X., Dai, Z.  
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- **Microbubble-Enhanced Focused Ultrasound-Assisted Delivery of Adeno-Associated Viruses in Brain Tumors with PET Imaging Monitoring**  
Guo, Y., Foiret, J., Seo, J., Zhang, N., Wu, B., Raie, M., Tumbale, S., Ferrara, K.  
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- **Fast volumetric ultrasound facilitates high-resolution 3D mapping of tissue compartments.** *Science advances*  
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- **Large Array Deep Abdominal Imaging in Fundamental and Harmonic Mode.** *IEEE transactions on ultrasonics, ferroelectrics, and frequency control*  
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- **Erratum to "Highly Integrated Multiplexing and Buffering Electronics for Large Aperture Ultrasonic Arrays".** *BME frontiers*

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