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Inter-Scanner Identifiability Based on Resting-State Functional Connectomes

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Magnetic Resonance Imaging with Light Microscopy: A Dual System of Imaging

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A Novel MRA- Based Framework for Correlating Cerebrovascular Changes to MAP

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Track: Biomedical Imaging and Instrumentation

Ultrasound Imaging and Therapeutic Ultrasound

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The Development of Gas-generating Gold Nanoparticles for Contrast Enhanced Ultrasound Imaging

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Super-Resolution Ultrasound Imaging of Tissue Microvasculature and Dysfunction Due to Disease

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Segmentation of Endocardium in Parasternal Short-axis Echocardiograms using Dynamic Programming

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Ultrasonic Assessment of Lingual Tissue Containing an Abnormal Mass

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Multiscale Analysis of Super-Resolution Ultrasound Images of Tissue Microvascular Networks

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Real-Time Spatiotemporal Control of Microbubble Oscillations

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Super-Resolution Passive Acoustic Imaging of Microbubbles

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Quantitative Monitoring and Control of Tumor Vascular Permeability in Tumors using Ultrasound Contrast Agents: An Advanced Method for Predicting Drug Uptake in Tumors

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Projection Based Total Least Square Algorithm for Ultrasound Tomography

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Low-frequency (20 kHz), Low-intensity (100 mW/cm²) Ultrasound Accelerates Healing in Diabetic Chronic Wound Pilot Study

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Intraoperative Quantitative Ultrasound for Tissue Differentiation; Pilot Study

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All-in-one Ultrasound, Photoacoustics, and Elasticity Imaging: Configurable System Design and Demonstration

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