

Stanford

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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **High-spatial-resolution transcranial focused ultrasound neuromodulation using frequency-modulated pattern interference radiation force.** *Ultrasonics*
Kim, Y. H., Kang, K. C., Kim, J. N., Park, K. K., Firouzi, K., Khuri-Yakub, B. T.
2024; 140: 107298
- **Acoustic radiation force for analyzing the mechanical stress in ultrasound neuromodulation.** *Physics in medicine and biology*
Kim, Y. H., Lee, C. H., Firouzi, K., Park, B. H., Pyun, J. Y., Kim, J. N., Park, K. K., Khuri-Yakub, B. T.
2023; 68 (13)
- **Measurement of the acoustic reflectance function based on Lamb wave using high f-number transducers.** *Ultrasonics*
Kang, K. C., Joung, D. Y., Hun Kim, Y., Kyu Park, K., Firouzi, K., Khuri-Yakub, B. T.
2023; 132: 107003
- **Design of Piezoelectric Acoustic Transducers for Underwater Applications** *SENSORS*
Pyun, J., Kim, Y., Park, K.
2023; 23 (4)
- **Increasing the transmission efficiency of transcranial ultrasound using a dual-mode conversion technique based on Lamb waves.** *The Journal of the Acoustical Society of America*
Kang, K. C., Kim, Y. H., Kim, J. N., Kabir, M., Zhang, Y., Ghanouni, P., Park, K. K., Firouzi, K., Khuri-Yakub, B. T.
2022; 151 (3): 2159