

Stanford



Kasra Naftchi-Ardebili

Ph.D. Student in Bioengineering, admitted Summer 2017

Bio

EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford University , BIOE-MS (2021)
- MS, University of California, San Diego , Bioengineering (2017)
- BS, The University of Chicago , Biochemistry (2012)

Publications

PUBLICATIONS

- **Focal Volume, Acoustic Radiation Force, and Strain in Two-Transducer Regimes** *IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL*
Naftchi-Ardebili, K., Menz, M. D., Salahshoor, H., Popelka, G. R., Baccus, S. A., Pauly, K.
2024; 71 (10): 1199-1216
- **Biophysical effects and neuromodulatory dose of transcranial ultrasonic stimulation.** *ArXiv*
Nandi, T., Kop, B. R., Naftchi-Ardebili, K., Stagg, C. J., Pauly, K. B., Verhagen, L.
2024
- **Rank restriction for the variational calculation of two-electron reduced density matrices of many-electron atoms and molecules** *PHYSICAL REVIEW A*
Naftchi-Ardebili, K., Hau, N. W., Mazziotti, D. A.
2011; 84 (5)