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Hao-Li Liu received the Ph.D. degrees in Electrical Engineering in 2003 from the National Taiwan University, Taipei, Taiwan. In 2004-2005, He was the research fellow of the Department of Radiology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA. He is currently the Professor and the Director of Department of Electrical Engineering, Chang-Gung University, Taoyuan, Taiwan, and also the Adjunct Assistant Researcher of Division of Medical Engineering Research, National Health Research Institutes, Miaoli, Taiwan. Dr. Liu is currently continuing research in ultrasound thermal therapy and its treatment planning/ simulation, ultrasound-induced blood brain barrier (BBB) disruption for brain drug delivery, ultrasound phased array design. Dr. Liu has published over 100 SCI papers, over 30 worldwide patents been filed in areas of biomedical use of therapeutic ultrasound. He received the Distinguished Tech-Coop Award (2011, 2014) and the Distinguished Research Award (2010, 2015) from Chang-Gung University, respectively. Also in 2011, He received the Wu Ta-You Memorial Award from the National Science Council in Taiwan. In 2013, he received the Frederic Lizzi Award from the International Society for Therapeutic Ultrasound (ISTU) and also the Excellent Young Electrical Engineer Award from the Chinese Institute of Electrical Engineering to acknowledge his significant research contributions to therapeutic ultrasound. In 2015, as the first engineering-background honoree, Dr. Liu received the TienTe Lee Award to recognize his contribution on integrating medicine and engineering. Dr. Liu is a member of IEEE and International Society of Therapeutic Ultrasound (ISTU).