

Danny JJ Wang, PhD.

Professor of Neurology and Radiology, Director of Imaging Technology Innovation at the Stevens Neuroimaging and Informatics institute, University of Southern California (USC), as well as head of the Laboratory of Functional MRI technology (LOFT www.loft-lab.org).

During the past 20+ years, Dr. Danny JJ Wang's research has been focused on the technical development and clinical translations of novel functional and physiological MRI technologies, in particular noninvasive blood flow/perfusion imaging using arterial spin labeling (ASL). He is a recognized expert in perfusion and functional MRI and have extensive experience in clinical applications related to cerebrovascular disorders, dementia and neurodevelopment, as well as development at ultrahigh field. He has also been supporting the scientific community by disseminating ASL sequences to >300 imaging research centers around the world. To date, Dr. Wang has published over 200 peer reviewed publications and 25 review chapters with an h-index of 69. He is a charter member of NIH study section EITN, serves as the vice-chair of ISMRM perfusion study group, and is elected Fellow of ISMRM in 2022.

Speech Title: Mapping Subtle BBB Changes with Contrast and Noncontrast MRI