



Qin Qin, Ph.D.
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秦勤博士 1999 获得清华大学生物医学工程专业学士学位，分别在 2001 年、2006 年获得耶鲁大学生物医学工程专业硕士和博士学位。自 2006 年起在约翰霍普金斯大学放射科从事研究工作，现任副教授，主要研究方向是基于流速选择性脉冲序列的血管成像和血流灌注成像技术等先进的非造影 MRI 成像技术。

Dr. Qin received his B.S. degree in Biomedical Engineering from Tsinghua University in 1999, and his M.S. and Ph.D. degrees from Yale University in 2001 and 2006, respectively. He has been working at the Department of Radiology of Johns Hopkins University and was promoted to Associate Professor in 2018.

As a MR physicist, Qin's research focuses on the development, validation, and clinical translation of non-contrast enhanced MRI techniques for MR angiography (MRA) and arterial spin labeling (ASL) based mapping of blood flow, blood volume, and oxygen metabolism. In particular, Qin pioneered on development and applications of Fourier-transform based velocity-selective pulse trains and was the first to demonstrate the velocity-selective inversion prepared ASL for cerebral blood flow mapping, which hold great promise in cardiovascular and tumor imaging throughout the body.

Recently, Qin was the lead author of the first velocity-selective ASL guideline paper. Qin has a sustained extramural support from federal, state, and foundation grants. He is currently supported by 3 NIH R01 grants. In 2021, Qin received the Distinguished Investigator Award of the Academy for Radiology & Biomedical Imaging Research.

Dr. Qin has served on the review panel for multiple NIH study sections and is on the Editorial Board of the journal Magnetic Resonance Imaging. He is a member of the Education Committee of Society for Magnetic Resonance Angiography (SMRA). In addition, Qin is the Secretary of the ISMRM Perfusion Study Group, which is one of the largest ISMRM study groups with close to 200 full members and more than 200 trainee members. Currently he is serving as Co-Chair for the ISMRM-Sponsored Perfusion MRI Workshop in 2025.

Qin has provided over 20 invited talks at various universities, hospitals, or conferences throughout China. In activities organized by OCSMRM, Dr. Qin has shared his experience of getting NIH grants in 2019, has given a webinar lecture on his work in 2022, and served on the Young Investigator Award Selection Committee in 2023.

If elected to be a Board of Trustee of OCSMRM, Dr. Qin will continue strengthening the exchange of outstanding research studies, promoting collaboration between MR physicists and radiologists, and fostering career developments of our society members both in China and overseas.