



OCSMRM YIA 2023

2023 OCSMRM YIA Committee Members



Dr. Peng Hu, ShanghaiTech Univ.

Dr. Qin Qin, JHU.

Dr. Lijun Bao, Xiamen Univ.

Dr. Duan Xu, UCSF.

Dr. Dong Liang, Shenzhen Institute of Advanced Technology

Dr. Junzhong Xu, Vanderbilt Univ.

Dr. Qian Tao, Technische Universiteit Delft

Dr. Xihai Zhao, Tsinghua Univ.

Dr. Li Feng, NYU.

Dr. Fang Liu, MGH

Dr. Lirong Yan, Northwestern Univ.

Dr. Rui Li, Tsinghua Univ.

OCSMRM Young Investigator Award (YIA) 3rd Place



Zhixing Wang

PhD

University of Virginia



Mentor: Craig H. Meyer, PhD

Zhixing Wang, Rajiv Ramasawmy, Xue Feng, Adrienne E. Campbell-Washburn, John P. Mugler III, Craig H. Meyer

**Concomitant magnetic-field compensation for 2D spiral-ring turbo spin-echo
imaging at 0.55T and 1.5T**

Magn Reson Med. 2023;1–17.

OCSMRM Young Investigator Award (YIA) 3rd Place



Kexin Wang
PhD candidate
Johns Hopkins University



Mentor: Jiadi Xu, PhD

Kexin Wang, Sooyeon Park, David
Olayinka Kamson, Yuguo Li, Guanshu
Liu, Jiadi Xu

**Guanidinium and amide CEST mapping
of human brain by high spectral
resolution CEST at 3 T.**

Magn Reson Med. 2023;89:177–191.

OCSMRM Young Investigator Award (YIA) 3rd Place



Dongyue Si
PhD candidate
Tsinghua University



Mentor: Haiyan Ding, PhD



Chun Yuan, PhD

Dongyue Si, Yanfang Wu, Jingjing Xiao, Xiaohan Qin, Rui Guo, Bowei Liu, Zihan Ning, Jie Yin, Peng Gao, Yongtai Liu, Deyan Yang, Kangan Cheng, Taibo Chen, Zhongwei Cheng, Xue Lin, Quan Fang, Daniel A. Herzka, Haiyan Ding

Three-dimensional high resolution dark blood late gadolinium enhancement imaging for improved atrial scar evaluation

Radiology 2023, in press.

OCSMRM Young Investigator Award (YIA) 2nd Place



Simin Liu

PhD

Tsinghua University



Mentor: Hua Guo, PhD

Simin Liu, Jieying Zhang, Diwei Shi, Hua Guo.
3D diffusion MRI using simultaneous multi-slab with blipped-CAIPI (blipped-SMSlab) in a 4D k-space framework.

Magnetic Resonance in Medicine 2023, in press.

OCSMRM Young Investigator Award (YIA) 2nd Place



Yinhang Jia
PhD candidate
Zhejiang University



Mentors: Ruiliang Bai, PhD

Yinhang Jia, Shangchen Xu, Guangxu Han, Bao Wang, Zejun Wang, Chuanjin Lan, Peng Zhao, Meng Gao, Yi Zhang, Wenhong Jiang, Biying Qiu, Rui Liu, Yi-Cheng Hsu, Yi Sun, Chong Liu, Yingchao Liu, Ruiliang Bai.

Transmembrane water-efflux rate measured by magnetic resonance imaging as a biomarker of the expression of aquaporin-4 in gliomas.

Nat. Biomed. Eng 7, 236–252 (2023).

OCSMRM Young Investigator Award (YIA) FIRST Place



Tianle Cao

PhD candidate

Cedars-Sinai Medical
Center, Los Angeles



Mentor: Debiao Li, PhD

Tianle Cao, Nan Wang, Alan C. Kwan, Hsu-Lei Lee,
Xianglun Mao, Yibin Xie, Kim-Lien Nguyen, Caroline M. Colbert,
Fei Han, Pei Han, Hui Han, Anthony G. Christodoulou, Debiao Li.

**Free-breathing, non-ECG, simultaneous myocardial T1, T2, T2*, and fat-fraction
mapping with motion-resolved cardiovascular MR multitasking.**

Magn Reson Med. 2022;1–16.



OCSMRM Young Investigator Award (YIA) Clinical Science Award



Zhang Shi
MD

Resident Doctor,
Zhongshan Hospital,
Fudan University



Mentor: Mengsu Zeng, MD

Zhang Shi, Xueying Zhao, Shuo Zhu, Xiyin Miao, Yunfei Zhang,
Shihong Han, Bei Wang, Boyu Zhang, Xiaodan Ye, Yongming Dai, Caizhong
Chen, Shengxiang Rao, Jiang Lin, Mengsu Zeng, He Wang.

**Time-of-Flight Intracranial MRA at 3 T versus 5 T versus 7 T:
Visualization of Distal Small Cerebral Arteries.**

Radiology 2023; 306:207–217.