



OCSMRM YIA 2021

2021 OCSMRM YIA Committee Members



Prof. Xin Yu, Case Western

Prof. Hongyu An, Wash Univ St Louis

Prof. Shanshan Wang, SIAT, CAS in Shenzhen

Prof. Nanyin Zhang, Penn State Univ

Prof. Xiaoliang Zhang, SUNY Buffalo


Prof. Nan Hong, Peking University People's Hospital

Prof. Zhaoyang Fan, USC

Prof. Peng Hu, UCLA

Prof. Hui Han (Chair), Cedars-Sinai

OCSMRM Young Investigator Award (YIA) 1st Place

OVERSEAS CHINESE SOCIETY FOR

MAGNETIC RESONANCE IN MEDICINE

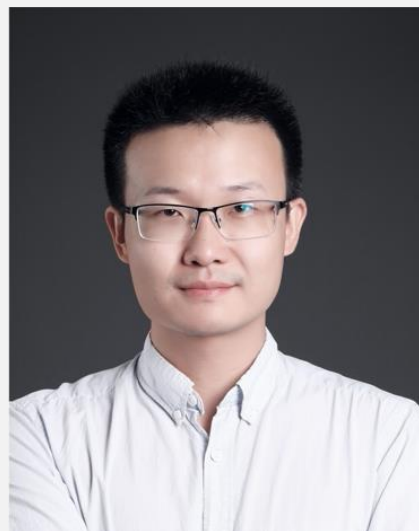
Annual Meeting of
OCSMRM
28 July 2021

Young Investigator Award
First Place

Presented to
Yan Bai
on 28 July 2021

Meiyun Wang, M.D., Ph.D.
OCSMRM President

Hui Han, Ph.D.
YIA Selection Committee Co-Chairs



Yan Bai, Ph.D.
Henan Provincial People's Hospital

Mentor: Meiyun Wang

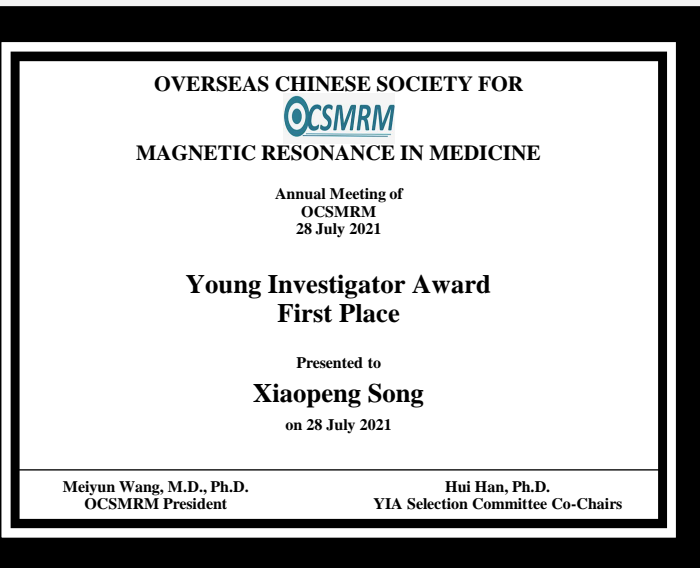
JAMA 2020

Presumed asymptomatic carrier transmission of COVID-19

Y Bai, L Yao, T Wei, F Tian, DY Jin, L Chen, **M Wang**

(Google Scholar Citation: **3700+**)

OCSMRM Young Investigator Award (YIA) 1st Place



Xiaopeng Song, Ph.D.
Harvard Medical School

Mentor: Fei Du

Molecular Psychiatry 2021

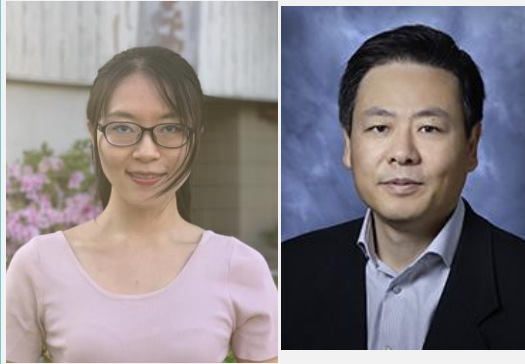
Bioenergetics and abnormal functional connectivity in psychotic disorders
X Song, X Chen, C Yuksel, J Yuan, DA Pizzagalli, B Forester, D Öngür & **F Du**

OCSMRM Young Investigator Award (YIA) 2nd Place



Fei Wang, Ph.D.
University Medical Center Freiburg
Mentor: Jürgen Hennig

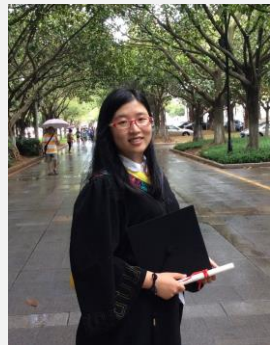
Magnetic Resonance in Medicine 2020
Time-domain principal component reconstruction (tPCR): A more efficient and stable iterative reconstruction framework for non-Cartesian functional MRI
Fei Wang, Jürgen Hennig and Pierre LeVan



Nan Wang, Ph.D.
Cedars-Sinai Medical Center
Mentor: Debiao Li

Magnetic Resonance in Medicine 2021
Five-dimensional quantitative low-dose Multitasking dynamic contrast-enhanced MRI: Preliminary study on breast cancer
N Wang, Y Xie, Z Fan, S Ma, R Saouaf, Y Guo, SL Shiao, AG Christodoulou, D Li

OCSMRM Young Investigator Award (YIA) 2nd Place



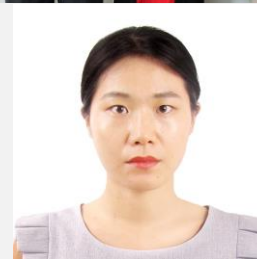
Xinlin Zhang, Ph.D. Student
Xiamen University
Mentor: **Xiaobo Qu**

Medical Image Analysis 2020, 2021

A guaranteed convergence analysis for the projected fast iterative soft-thresholding algorithm in parallel MRI (2021)

Image reconstruction with low-rankness and self-consistency of k-space data in parallel MRI (2020)

X Zhang, D Guo, Y Huang, Y Chen, L Wang, F Huang, Q Xu, **X Qu**

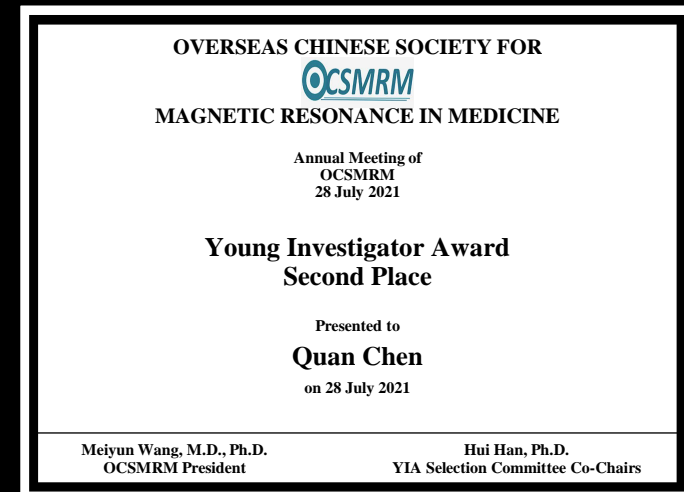


Quan Chen, Ph.D. Student
Shanghai Jiao Tong University
Mentor: **Yiping Du, Huajun She**

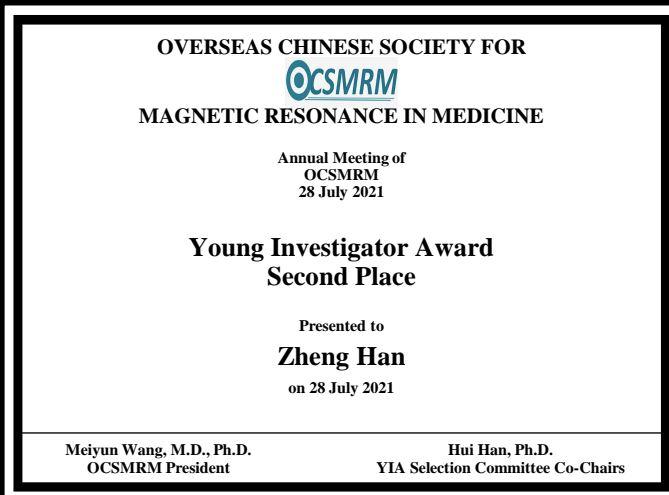
IEEE Transactions on Medical Imaging 2021

Acute Neurofunctional Effects of Escitalopram in Pediatric Anxiety: A Double-Blind, Placebo-Controlled Trial

Q Chen, H She, YP Du



OCSMRM Young Investigator Award (YIA) 2nd Place



Zheng Han, Ph.D.
John Hopkins University
Mentor: Guanshu Liu

Journal of Extracellular Vesicles 2021

Highly efficient magnetic labelling allows MRI tracking of the homing of stem cell-derived extracellular vesicles following systemic delivery
Z Han, S Liu, Y Pei, Z Ding, Y Li, X Wang, D Zhan, S Xia, T Driedonks, KW Witwer, RG Weiss, PCM. van Zijl, JWM Bulte, **L Cheng, G Liu**

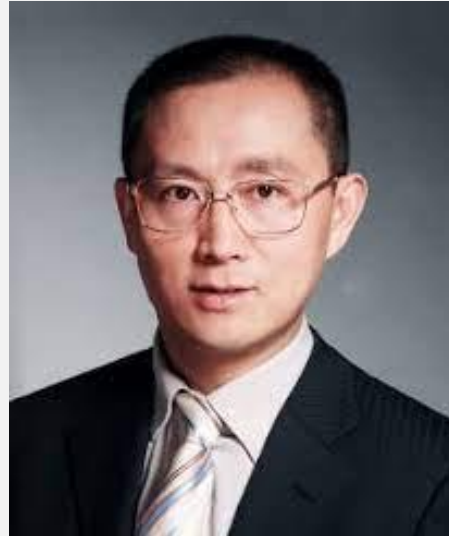


Kai Wang, Ph.D. Student
University of Southern California
Mentor: Danny JJ Wang

Stroke 2020

Deep Learning Detection of Penumbra Tissue on Arterial Spin Labeling in Stroke
K Wang, Q Shou, SJ Ma, D Liebeskind, XJ Qiao, J Saver, N Salamon, H Kim, Y Yu, Y Xie, G Zaharchuk, F Scalzo, **J Wang**

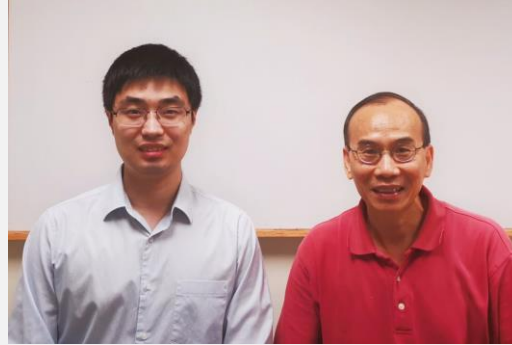
OCSMRM Young Investigator Award (YIA) 2nd Place



Lu Lu, M.D., Ph.D. Candidate
West China Hospital
Mentor: Qiyong Gong, Jeffrey R. Strawn

Journal of the American Academy of Child & Adolescent Psychiatry 2021
Acute Neurofunctional Effects of Escitalopram in Pediatric Anxiety: A Double-Blind, Placebo-Controlled Trial
L Lu, JA Mills, H Li, HK Schroeder, SA Mossman, ST Varney, KM Cecil, XQ Huang, QY Gong, LB Ramsey, MP DelBello, JA Sweeney, JR Strawn

OCSMRM Young Investigator Award (YIA) 3rd Place



Yibo Zhao, Ph.D. Student

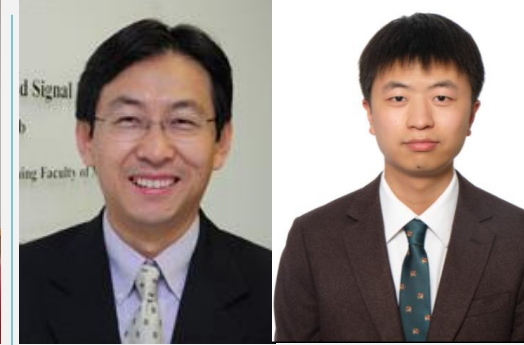
University of Illinois, Urbana-Champaign

Mentor: Zhi-Pei Liang

Magnetic Resonance in Medicine 2021

High-resolution Sodium imaging using anatomical and sparsity constraints for denoising and recovery of novel features

Y Zhao, R Guo, Y Li, KR Thulborn, **ZP Liang**



Yilong (Loyal) Liu, Ph.D.

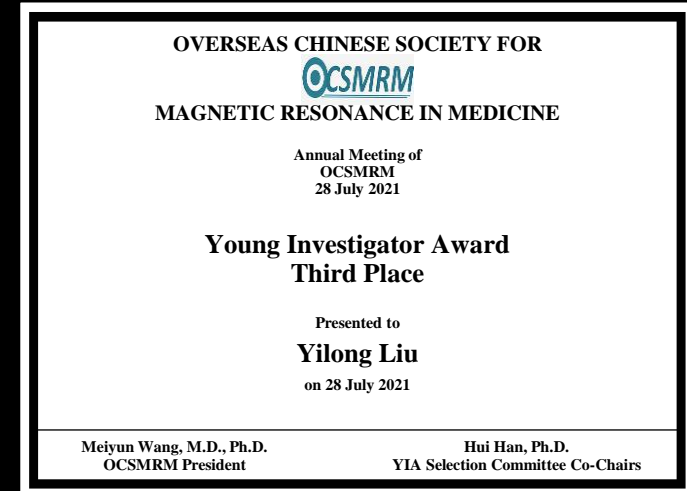
The University of Hong Kong

Mentor: Ed X. Wu

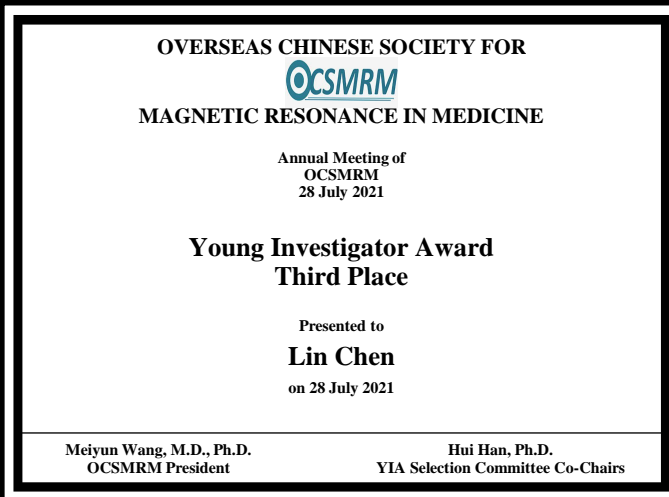
Magnetic Resonance in Medicine 2021

Calibrationless parallel imaging reconstruction for multislice MR data using low-rank tensor completion

Y Liu, Z Yi, Y Zhao, F Chen, Y Feng, H Guo, ATL Leong, **EX Wu**



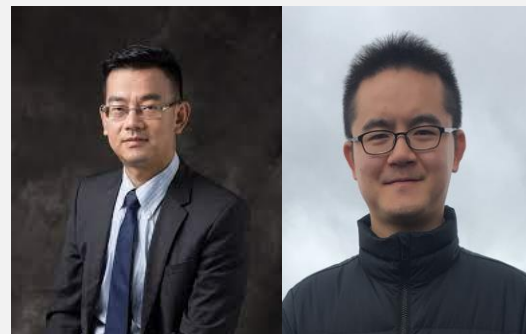
OCSMRM Young Investigator Award (YIA) 3rd Place



Lin Chen, Ph.D.
John Hopkins University
Mentor: Peter Van Zijl and Xu Li

Radiology 2021

Quantitative Susceptibility Mapping of Brain Iron and b-Amyloid in MRI and PET
Relating to Cognitive Performance in Cognitively Normal Older Adults
L Chen, A Soldan, K Oishi, A Faria, Y Zhu, M Albert, **PCM van Zijl**, **X Li**

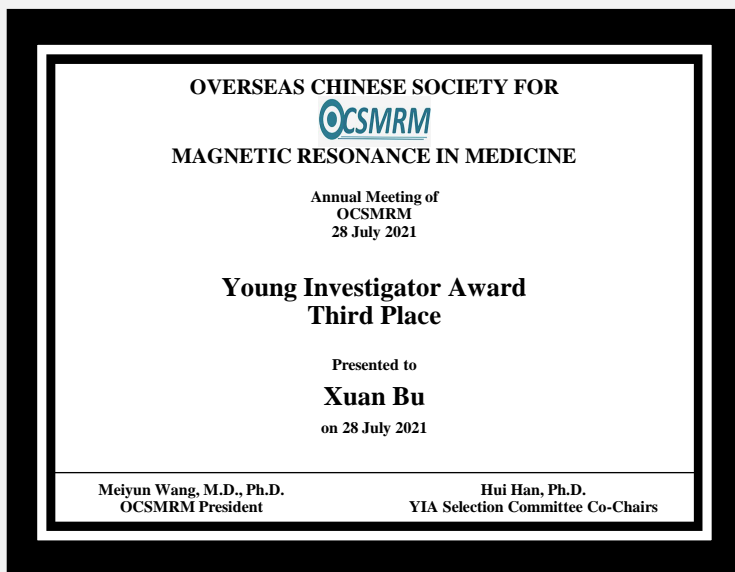


Wenjing Zhang, Ph.D.
West China Hospital
Mentor: Su Lui

Neuropsychopharmacology 2020

Brain gray matter network organization in psychotic disorders
W Zhang, D Lei, SK Keedy, EI Ivleva, S Eum, L Yao, CA Tamminga, BA
Clementz, MS Keshavan, GD Pearlson, ES Gershon, JR Bishop, **Q Gong**,
S Lui & JA Sweeney

OCSMRM Young Investigator Award (YIA) 3rd Place



Xuan Bu, Ph.D. Student
West China Hospital
Mentor: **Xiaoqi Huang**

J Psychiatry Neurosci. 2020

Quantitative tractography reveals changes in the corticospinal tract in drug-naïve children with attention-deficit/hyperactivity disorder
X Bu, C Yang, K Liang, Q Lin, L Lu, L Zhang, H Li, Y Gao, S Tang, X Hu, Y Wang, X Hu, M Wang, **XQ Huang**