

Reviews

- 337 **Application of Neuromelanin MR Imaging in Parkinson Disease**
Naying He, Yongsheng Chen, Peter A. LeWitt, Fuhua Yan, and E. Mark Haacke
- 353 **Rectal MRI Interpretation After Neoadjuvant Therapy**
Nataly Horvat, Maria El Homsy, Joao Miranda, Yousef Mazaheri, Marc J. Gollub, and Viktoriya Paroder
- 370 **Breast PET/MRI Hybrid Imaging and Targeted Tracers**
Valeria Romeo, Thomas H. Helbich, and Katja Pinker
- 387 **Latest Advances in Image Acceleration: All Dimensions are Fair Game**
Camila Munoz, Anastasia Fotaki, René M. Botnar, and Claudia Prieto

Research Articles

- Chest**
- 403 **The Effects of Respiratory Muscle Training on Resting-State Brain Activity and Thoracic Mobility in Healthy Subjects: A Randomized Controlled Trial**
Naciye Vardar-Yagli, Melda Saglam, Hacer Dasgin, and Kader Karli-Oguz
- Editorial*
- 418 **Editorial for "The Effects of Respiratory Muscle Training on Resting State Brain Activity and Thoracic Mobility in Healthy Subjects: A Randomized Controlled Trial"**
Nicolau Beckmann
- Neuro**
- 420 **Static and Dynamic Characteristics of Functional Network Connectivity in Neurologically Asymptomatic Patients Undergoing Maintenance Hemodialysis: A Resting-State Functional MRI Study**
Die Zhang, Yingying Chen, Jing Shen, Qing Xie, Li Jing, Lin Lin, Qiong Wang, and Jianlin Wu
- Editorial*
- 432 **Editorial for "Static and Dynamic Characteristics of Functional Network Connectivity in Neurologically Asymptomatic Patients Undergoing Maintenance Hemodialysis"**
Giovanni de Marco
- 434 **Age-Related Differences of Cortical Topology Across the Adult Lifespan: Evidence From a Multisite MRI Study With 1427 Individuals**
Yin Wang, Yinghui Zhang, Weihao Zheng, Xia Liu, Ziyang Zhao, Shan Li, Nan Chen, Lin Yang, Lei Fang, Zhijun Yao, and Bin Hu
- Editorial*
- 444 **Editorial for "Age-Related Differences of Cortical Topology Across the Adult Lifespan: Evidence From a Multisite MRI Study With 1427 Individuals"**
Ariana M. Familiar and Anahita Fathi Kazerooni
- Technical**
- 446 **Inversion-Recovery-Prepared Oscillating Gradient Sequence Improves Diffusion-Time Dependency Measurements in the Human Brain**
Haotian Li, Tao Zu, Yi-Cheng Hsu, Zhiyong Zhao, Ruibin Liu, Tianshu Zheng, Qing Li, Yi Sun, Daihong Liu, Jiuquan Zhang, Yi Zhang, and Dan Wu
- Editorial*
- 454 **Editorial for "Inversion-Recovery-Prepared Oscillating Gradient Sequence Improves Diffusion-Time Dependency Measurements in the Human Brain"**
Nian Wang and Qiuting Wen
- 456 **Perfusion Maps Acquired From Dynamic Angiography MRI Using Deep Learning Approaches**
Muhammad Asaduddin, Hong Gee Roh, Hyun Jeong Kim, Eung Yeop Kim, and Sung-Hong Park
- Editorial*
- 470 **Editorial for "Perfusion Maps Acquired from Dynamic Angiography MRI Using Deep Learning Approaches"**
Xuanyu Huang, Kailin Dong, Ru Chen, and Guangyuan Liao
- Abdomen**
- 472 **Deep Learning Staging of Liver Iron Content From Multiecho MR Images**
Vincenzo Positano, Antonella Meloni, Maria Filomena Santarelli, Laura Pistoia, Anna Spasiano, Liana Cuccia, Tommaso Casini, Maria Rita Gamberini, Massimo Allò, Pier Paolo Bitti, Alessia Pepe, and Filippo Cademartiri
- 485 **Detecting Early-Stage Liver Fibrosis Using Macromolecular Proton Fraction Mapping Based on Spin-Lock MRI: Preliminary Observations**
Jian Hou, Vincent W.-S. Wong, Yurui Qian, Baiyan Jiang, Anthony W.-H. Chan, Howard H.-W. Leung, Grace L.-H. Wong, Simon C.-H. Yu, Winnie C.-W. Chu, and Weitian Chen
- 493 **Amide Proton Transfer-Weighted Imaging Combined With Intravoxel Incoherent Motion for Evaluating Microsatellite Instability in Endometrial Cancer**
Changjun Ma, Shifeng Tian, Qingling Song, Lihua Chen, Xing Meng, Nan Wang, Liangjie Lin, Jiazhen Wang, Ailian Liu, and Qingwei Song

<i>Editorial</i>	506	Editorial for "Amide Proton Transfer-Weighted Imaging Combined With Intravoxel Incoherent Motion for Evaluating Microsatellite Instability in Endometrial Cancer" <i>Vipul R. Sheth</i>
Pediatrics	508	Using Free-Breathing MRI to Quantify Pancreatic Fat and Investigate Spatial Heterogeneity in Children <i>Jacob D. Story, Shahnaz Ghahremani, Sevgi Gokce Kafali, Shu-Fu Shih, Kelsey J. Kuwahara, Kara L. Calkins, and Holden H. Wu</i>
<i>Editorial</i>	519	Editorial for "Using Free-Breathing MRI to Quantify Pancreatic Fat and Investigate Spatial Heterogeneity in Children" <i>Cihat Eldeniz</i>
Cardiac	521	Magnetization Transfer BOOST Noncontrast Angiography Improves Pulmonary Vein Imaging in Adults With Congenital Heart Disease <i>Imran Rashid, Giulia Ginami, Giovanna Nordio, Anastasia Fotaki, Radhouene Neji, Harith Alam, Kuberan Pushparajah, Alessandra Frigiola, Israel Valverde, René M. Botnar, and Claudia Prieto</i>
	532	Reference Values for Pediatric Atrial Volumes Assessed by Steady-State Free-Precession Magnetic Resonance Imaging Using Monoplane and Biplane Area-Length Methods <i>Inga Voges, Amke Caliebe, Sophia Hinz, Simona Boroni Grazioli, Daniel Dominik Gabbert, Philip Wegner, Anselm Sebastian Uebing, Piers E. F. Daubeney, Dudley J. Pennell, and Sylvia Krupickova</i>
<i>Editorial</i>	543	Editorial for "Reference Values for Pediatric Atrial Volumes Assessed by Steady-State Free-Precession Magnetic Resonance Imaging" <i>Bjoern P. Schoennagel and Roland Fischer</i>
	545	Risk Stratification and Outcomes in Patients With Pulmonary Hypertension: Insights into Right Ventricular Strain by MRI Feature tracking <i>Di Zhou, Xin Li, Gang Yin, Shuang Li, Shihua Zhao, Zhihong Liu, and Minjie Lu</i>
<i>Editorial</i>	557	Editorial for "Risk Stratification and Outcomes in Patients with Pulmonary Hypertension: Insights into Right Ventricular Strain by MRI Feature-Tracking" <i>Daniel Brieger, Eleanor E. Rye, and Sara L. Hungerford</i>
	559	Prognostic Value of Left Atrial Reservoir Strain in Left Ventricular Myocardial Noncompaction: A 3.0 T Cardiac Magnetic Resonance Feature Tracking Study <i>Pei-Lun Han, Meng-Ting Shen, Yu Jiang, Ze-Kun Jiang, Kang Li, and Zhi-Gang Yang</i>
<i>Editorial</i>	576	Editorial for "Prognostic Value of Left Atrial Reservoir Strain in Left Ventricular Myocardial Noncompaction: A 3.0 T Cardiac Magnetic Resonance Feature Tracking Study" <i>Cory R. Trankle</i>
Pelvis	578	Avoiding Unnecessary Systematic Biopsy in Clinically Significant Prostate Cancer: Comparison Between MRI-Based Radiomics Model and PI-RADS Category <i>Xueqing Cheng, Yuntian Chen, Hui Xu, Lei Ye, Shun Tong, Haixia Li, Tianjing Zhang, Song Tian, Jin Qi, Hao Zeng, Jin Yao, and Bin Song</i>
	587	Preliminary MRI Study of Extracellular Volume Fraction for Identification of Lymphovascular Space Invasion of Cervical Cancer <i>Wei Wang, Xiaofei Fan, Jie Yang, Xuemei Wang, Yu Gu, Mingxin Chen, Yueluan Jiang, Lin Liu, and Mengchao Zhang</i>
Musculoskeletal	598	Subcutaneous Adipose Tissue Edema in Lipedema Revealed by Noninvasive 3T MR Lymphangiography <i>Rachelle Crescenzi, Paula M. C. Donahue, Maria Garza, Niraj J. Patel, Chelsea Lee, Kelsey Guerreso, Greg Hall, Yu Luo, Sheau-Chiann Chen, Karen L. Herbst, Michael Pridmore, Aaron W. Aday, Joshua A. Beckman, and Manus J. Donahue</i>
<i>Editorial</i>	609	Editorial for "Subcutaneous Adipose Tissue Edema in Lipedema Revealed by Noninvasive 3T Magnetic Resonance Lymphangiography" <i>Ligong Wang</i>
	611	Biomechanical Effects of Chronic Ankle Instability on the Talar Cartilage Matrix: The Value of T1ρ Relaxation Mapping Without and With Mechanical Loading <i>Thomas Lange, Lukas Sturm, Pia M. Jungmann, Matthias Jung, Spartak Ovsepyan, Marco Reisert, Hagen Schmal, and Markus Wenning</i>
<i>Editorial</i>	620	Editorial for "Biomechanical Effects of Chronic Ankle Instability on the Talar Cartilage Matrix: The Value of T1ρ Relaxation Mapping Without and With Mechanical Loading" <i>Bragi Sveinsson</i>

- 622** **Impact of Dynamic Contrast Enhanced and Diffusion-Weighted MR Imaging on Detection of Early Local Recurrence of Soft Tissue Sarcoma**
Bernd M. Erber, Paul Reidler, Sophia S. Goller, Jens Ricke, Hans R. Dürr, Alexander Klein, Lars Lindner, Dorit Di Gioia, Tobias Geith, Andrea Baur-Melnyk, and Marco Armbruster
- 631** **Editorial for "Impact of Dynamic Contrast Enhanced and Diffusion-Weighted MR Imaging on Detection of Local Recurrence of Soft Tissue Sarcoma"**
Nicolau Beckmann
- 633** **Pretreatment Multiparametric MRI-Based Radiomics Analysis for the Diagnosis of Breast Phyllodes Tumors**
Xiaowen Ma, Jing Gong, Feixiang Hu, Wei Tang, Yajia Gu, and Weijun Peng
- 646** **Editorial for "Pretreatment Multiparametric MRI-Based Radiomics Analysis for the Diagnosis of Breast Phyllodes Tumors"**
Quyên N. Do
-
- 648** **Diffusion-Based Virtual MR Elastography in Subjects With Nonalcoholic Fatty Liver Disease**
Denis Le Bihan, Chris Bowen, and Sharon Clarke

Editorial

Breast

Editorial

Letter to the Editor