

## Reviews

- 361 **Functional Magnetic Resonance Imaging of the Amygdala and Subregions at 3 Tesla: A Scoping Review**  
Sheryl L. Foster, Isabella A. Breukelaar, Kanchana Ekanayake, Sarah Lewis, and Mayuresh S. Korgaonkar
- 376 **Applications of Diffusion-Weighted MRI to the Musculoskeletal System**  
José G. Raya, Alejandra Duarte, Nian Wang, Valentina Mazzoli, Diego Jaramillo, Andrew M. Blamire, and Olaf Dietrich
- 397 **Blood–Brain Barrier Disruption and Perivascular Spaces in Small Vessel Disease and Neurodegenerative Diseases: A Review on MRI Methods and Insights**  
Paulien H. M. Voorter, Maud van Dinther, Willemijn J. Jansen, Alida A. Postma, Julie Staals, Jacobus F. A. Jansen, Robert J. van Oostenbrugge, Merel M. van der Thiel, and Walter H. Backes
- 412 **Cardiac MRI at Low Field Strengths**  
Adrienne E. Campbell-Washburn, Juliet Varghese, Krishna S. Nayak, Rajiv Ramasawmy, and Orlando P. Simonetti
- 431 **Current Understanding of the Anatomy, Physiology, and Magnetic Resonance Imaging of Neurofluids: Update From the 2022 “ISMRM Imaging Neurofluids Study group” Workshop in Rome**  
Nivedita Agarwal, Laura D. Lewis, Lydiane Hirschler, Leonardo Rivera Rivera, Shinji Naganawa, Swati Rane Levendovszky, Geir Ringstad, Marijan Klarica, Joanna Wardlaw, Costantino Iadecola, Cheryl Hawkes, Roxana Octavia Carare, Jack Wells, Erik N.T.P. Bakker, Vartan Kurtcuoglu, Lynne Bilston, Maiken Nedergaard, Yuki Mori, Marcus Stoodley, Noam Alperin, Mony de Leon, and Matthias J.P. van Osch
- 450 **A Survey of Publicly Available MRI Datasets for Potential Use in Artificial Intelligence Research**  
Katharine A. Dishner, Bala McRae-Posani, Arka Bhowmik, Maxine S. Jochelson, Andrei Holodny, Katja Pinker, Sarah Eskreis-Winkler, and Joseph N. Stember
- Editorial 481 **Editorial for “A Survey of Publicly Available MRI Datasets for Potential Use in Artificial Intelligence Research”**  
Salem Hannoun

## Research Articles

- Pelvis 483 **A Deep Learning Pipeline Using Prior Knowledge for Automatic Evaluation of Placenta Accreta Spectrum Disorders With MRI**  
Haijie Wang, Yida Wang, He Zhang, Xuan Yin, Chenglong Wang, Yuanyuan Lu, Yang Song, Hao Zhu, and Guang Yang
- Editorial 494 **Editorial for “A Deep Learning Pipeline Using Prior Knowledge for Automatic Evaluation of Placenta Accreta Spectrum Disorders With MRI”**  
Martin R. Prince, Sherelle Laifer-Narin, and Jaron Chong
- 496 **Prenatal Diagnosis of Placenta Accreta Spectrum Disorders: Deep Learning Radiomics of Pelvic MRI**  
Lulu Peng, Zehong Yang, Jue Liu, Yi Liu, Jianwei Huang, Junwei Chen, Yun Su, Xiang Zhang, and Ting Song
- 510 **Deep Learning Model Based on Multisequence MRI Images for Assessing Adverse Pregnancy Outcome in Placenta Accreta**  
Ming Zong, Xinlong Pei, Kun Yan, Deng Luo, Yangyu Zhao, Ping Wang, and Lian Chen
- Cardiac 522 **Left Ventricular Vertical Run-Length Nonuniformity MRI Adds Prognostic Value to MACE in Patients with End-Stage Renal Disease**  
Tian-yi Zhang, Dong-aolei An, Hang Zhou, Binghua Chen, Renhua Lu, Wei Fang, Qin Wang, Jiaying Huang, Haijiao Jin, Jianxiao Shen, Yin Zhou, Jiani Hu, Matthew Bautista, Takahiro Ouchi, Lian-Ming Wu, and Shan Mou
- Editorial 533 **Editorial for “Left Ventricular Vertical Run-Length Nonuniformity MRI Adds Prognostic Value to MACE in Patients with End-Stage Renal Disease”**  
Camila Munoz
- 535 **Assessment of Myocardial Viability and Risk Stratification in Coronary Chronic Total Occlusion: A Qualitative and Quantitative Stress Cardiac MRI Study**  
Mengchun Jiang, Yueqin Chen, Yang Su, Hu Guo, Xiaoyue Zhou, Meichen Luo, Mu Zeng, and Xinqun Hu

Editorial	546	<b>Editorial for "Assessment of Myocardial Viability and Risk Stratification in Coronary Chronic Total Occlusion: A Qualitative and Quantitative Stress Cardiac MRI Study"</b> <i>Hazel D. Sarah Rovno</i>
	548	<b>Glycemic Status and Myocardial Strain by Cardiac MRI in Patients With ST-Segment Elevation Myocardial Infarction</b> <i>Yingying Guo, Qian Guo, Ruifeng Guo, Yan Yan, Wei Gong, Wen Zheng, Hui Wang, Lei Xu, Xiao Wang, and Shaoping Nie</i>
Editorial	561	<b>Editorial for "Glycemic Status and Myocardial Strain by Cardiac MRI in Patients With ST-Segment Elevation Myocardial Infarction"</b> <i>Jannike Nickander and Björn Wieslander</i>
Technical	563	<b>Multiparametric Quantitative MRI of Peripheral Nerves in the Leg: A Reliability Study</b> <i>Yongsheng Chen, Jacob Baraz, Stephanie Yan Xuan, Xue Yang, Ryan Castoro, Yang Xuan, Alison R. Roth, Richard D. Dortch, and Jun Li</i>
	575	<b>Detection of Treatment Response in Triple-Negative Breast Tumors to Paclitaxel Using MRI Cell Size Imaging</b> <i>Xiaoyu Jiang, Eliot T. McKinley, Jingping Xie, John C. Gore, and Junzhong Xu</i>
Editorial	585	<b>Editorial for "Detection of Treatment Response in Triple-Negative Breast Tumors to Paclitaxel Using MRI Cell Size Imaging"</b> <i>Hendrik Oliver Arp Laue</i>
Head and Neck	587	<b>Deep Learning Detection and Segmentation of Brain Arteriovenous Malformation on Magnetic Resonance Angiography</b> <i>Jia-Sheng Hong, Weir-Chiang You, Ming-Hsi Sun, Hung-Chuan Pan, Yi-Hui Lin, Yung-Fa Lu, Kuan-Ming Chen, Tzu-Hsuan Huang, Wei-Kai Lee, and Yu-Te Wu</i>
	599	<b>Predictive Value of the Diffusion Magnetic Resonance Imaging Technique for the Postoperative Outcome of Cervical Spondylotic Myelopathy</b> <i>Ming Ni, Xiaoyi Wen, Mengze Zhang, Chenyu Jiang, Yali Li, Ben Wang, Xianchang Zhang, Qiang Zhao, Ning Lang, Liang Jiang, and Huishu Yuan</i>
Editorial	611	<b>Editorial for "Predictive Value of the Diffusion Magnetic Resonance Imaging Technique for the Postoperative Outcome of Cervical Spondylotic Myelopathy"</b> <i>Arash Forodighasemabadi</i>
Breast	613	<b>Intra- and Peritumoral Based Radiomics for Assessment of Lymphovascular Invasion in Invasive Breast Cancer</b> <i>Wenyan Jiang, Ruiqing Meng, Yuan Cheng, Haotian Wang, Tingting Han, Ning Qu, Tao Yu, Yang Hou, and Shu Xu</i>
Editorial	626	<b>Editorial for "Intra- and Peritumoral Based Radiomics for Assessment of Lymphovascular Invasion in Invasive Breast Cancer"</b> <i>Catherine J. Moran</i>
Neuro	628	<b>Evaluation of Key Molecular Markers in Adult Diffuse Gliomas Based on a Novel Combination of Diffusion and Perfusion MRI and MR Spectroscopy</b> <i>Xiaorui Su, Xibiao Yang, Huaiqiang Sun, Yanhui Liu, Ni Chen, Shuang Li, Zongyao Huang, Hanbing Shao, Simin Zhang, Qiyong Gong, and Qiang Yue</i>
	639	<b>Associations of MRI-Derived Glymphatic System Impairment With Global White Matter Damage and Cognitive Impairment in Mild Traumatic Brain Injury: A DTI-ALPS Study</b> <i>Dian-Xu Yang, Zheng Sun, Meng-Meng Yu, Qiao-Qiao Zou, Peng-Yang Li, Jing-Kun Zhang, Xue Wu, Yue-Hua Li, and Ming-Liang Wang</i>
	648	<b>Modulation Effects of the CEP128 Gene on Radiotherapy-Related Brain Injury: A Longitudinal Structural Study Using Multi-Parametric Brain MR Images</b> <i>Shiwei Lin, Xiaofei Lv, Xiaoshan Lin, Shengli Chen, Yanqing Li, Manxi Xu, Yingwei Qiu, and Linqun Tang</i>
Editorial	659	<b>Editorial for "Modulation Effects of the CEP128 Gene on Radiotherapy-Related Brain Injury: A Longitudinal Structural Study Using Multi-Parametric Brain MR Images"</b> <i>Nishard Abdeen</i>
	661	<b>Quantification of Cerebral Glucose Concentrations via Detection of the H1-<math>\alpha</math>-Glucose Peak in <math>^1\text{H}</math> MRS at 7 T</b> <i>Hideto Kuribayashi, Yuta Urushibata, Hirohiko Imai, Sinyeob Ahn, Ravi Teja Seethamraju, Tadashi Isa, and Tomohisa Okada</i>

<b>Editorial</b>	<b>673</b>	<b>Editorial on "Quantification of Cerebral Glucose Concentrations via Detection of the H1-<math>\alpha</math>-Glucose Peak in <math>^1\text{H}</math> MRS at 7 T"</b> <i>Christian Labadie and Harald E. Möller</i>
<b>Safety</b>	<b>675</b>	<b>The Psychological, Physiological, and Behavioral Responses of Patients to Magnetic Resonance Imaging (MRI): A Systematic Review and Meta-Analysis</b> <i>Janika E.M. Madl, Isabel Nieto Alvarez, Oliver Amft, Nicolas Rohleder, and Linda Becker</i>
<b>Abdomen</b>	<b>688</b>	<b>Single Breath-Hold MR Elastography for Fast Biomechanical Probing of Pancreatic Stiffness</b> <i>Anne-Sophie van Schelt, Lukas M. Gottwald, Nienke P.M. Wassenaar, Jurgen H. Runge, Ralph Sinkus, Jaap Stoker, Aart J. Nederveen, and Eric M. Schrauben</i>
	<b>699</b>	<b>Grading Clear Cell Renal Cell Carcinoma Grade Using Diffusion Relaxation Correlated MR Spectroscopic Imaging</b> <i>Yongming Dai, Wentao Hu, Guangyu Wu, Dongmei Wu, Mengying Zhu, Yuansheng Luo, Jieying Wang, Yan Zhou, and Peng Hu</i>
<b>Editorial</b>	<b>711</b>	<b>Editorial for "Grading Clear Cell Renal Cell Carcinoma Grade Using Diffusion Relaxation Correlated MR Spectroscopic Imaging"</b> <i>Debra E. Horng</i>