

Announcement		
	1703	ISMRM Young Investigator Award Winners
CME Article		
Neuro	1706	Role of Structural, Metabolic, and Functional MRI in Monitoring Visual System Impairment and Recovery Jeffrey R. Sims, Anna M. Chen, Zhe Sun, Wenyu Deng, Nicole A. Colwell, Max K. Colbert,
Research Articles		Jingyuan Zhu, Anoop Sainulabdeen, Muneeb A. Faiq, Ji Won Bang, and Kevin C. Chan
Head and Neck	1730	Longitudinal Multiparametric MRI Assessment of Irradiated Salivary Gland in a Rat Model: Correlated With Histological Findings Wei Chen, Guo-Yi Su, Yan Zhou, Jia-Suo Jiang, Run-Hao Jiang, Mei-Ling Bao, Xiao-Quan Xu, and Fei-Yun Wu
Editorial	1742	Editorial for "Longitudinal Multiparametric Magnetic Resonance Imaging Assessment of Irradiated Salivary Gland in a Rat Model: Correlated with Histological Findings" Daisuke Yunaiyama, Mitsuru Okubo, and Kazuhiro Saito
Musculoskeletal	1744	Cortical Bone Mechanical Assessment via Free Water Relaxometry at 3 T Mahsa Talebi, Shahrokh Abbasi-Rad, Malakeh Malekzadeh, Mohamad Shahgholi, Ali A. Ardakani, Kimia Foudeh, and Hamidreza S. Rad
Editorial	1752	Editorial for "Cortical Bone Mechanical Assessment via Free Water Relaxometry at 3 T" Yi-Jui Liu, Hou-Ting Yang, and Chun-Jung Juan
	1754	Quantifying Bone Marrow Fat Fraction and Iron by MRI for Distinguishing Aplastic Anemia from Myelodysplastic Syndromes Zhaolong Zeng, Xiangzheng Ma, Yifan Guo, Baodong Ye, Maosheng Xu, and Wei Wang
	1761	Editorial for "Quantification of Bone Marrow Fat Fraction and Iron by MRI for Distinguishing Aplastic Anemia and Myelodysplastic Syndromes" Vito Chianca, Renato Cuocolo, and Domenico Albano
Cardiac	1763	
	1773	
Editorial	1782	
	1784	Reference Values for Left Atrial Strain and Strain Rate Based on a Large Sample of Healthy Chinese Adults: An MR-Feature Tracking Study Yiyuan Gao, Zhen Zhang, Gengxiao Li, Shanshan Zhou, Mingwu Lou, Zhiwei Zhao, Jun Zhao, Kuncheng Li, and Gerald M. Pohost
Editorial	1794	Editorial for "Reference Values for Left Atrial Strain and Strain Rate Based on a Large Sample of Healthy Chinese Adults: An MR-Feature Tracking Study" Yeon Hyeon Choe
Pediatrics	1796	Measurement of the Brain Volume/Liver Volume Ratio by Three-Dimensional MRI in Appropriate-for-Gestational Age Fetuses and Those With Fetal Growth Restriction Kui Li, Guohui Yan, Weizeng Zheng, Jin Sun, and Yu Zou
Editorial	1802	Editorial for "Measurement of the Brain Volume/liver Volume Ratio by Three-Dimensional Magnetic Resonance Imaging in Appropriate-for-Gestational Age Fetuses and Those With Fetal Growth Restriction" Sara Reis Teixeira

Neuro	1804	Neuroimaging Functional Magnetic Resonance Imaging Task-Based Dorsolateral Prefrontal Cortex Activation Following 12 Weeks of Cosmos caudatus Supplementation Among Older Adults With Mild Cognitive Impairment Yee Xing You, Suzana Shahar, Mazlyfarina Mohamad, Nor Fadilah Rajab, Hasnah Haron, Normah Che Din, and Hamzaini Abdul Hamid
	1819	Exposure to Repetitive Head Impacts Is Associated With Corpus Callosum Microstructure and Plasma Total Tau in Former Professional American Football Players
		Janna Kochsiek, Lauren J. O'Donnell, Fan Zhang, Elena M. Bonke, Nico Sollmann, Yorghos Tripodis, Tim L. T. Wiegand, David Kaufmann, Lisa Umminger, Maria A. Di Biase, Elisabeth Kaufmann, Vivian Schultz, Michael L. Alosco, Brett M. Martin, Alexander P. Lin, Michael J. Coleman, Yogesh Rathi, Ofer Pasternak, Sylvain Bouix, Robert A. Stern, Martha E. Shenton, and Inga K. Koerte
	1830	Progressive Disruption of Dynamic Functional Network Connectivity in Patients With Hepatitis B Virus-related cirrhosis Shiwei Lin, Jing Li, Shengli Chen, Xiaoshan Lin, Min Ye, and Yingwei Qiu
Editorial	1841	Editorial for "Progressive Deterioration of Dynamic Functional Network
		Connectivity in Patients With HBV-Related Cirrhosis" Elza Azri Othman
	1843	Quantitative Susceptibility Mapping for Staging Acute Cerebral Hemorrhages: Comparing the Conventional and Multiecho Complex Total Field Inversion magnetic resonance imaging MR Methods
		Allen A. Champagne, Yan Wen, Magdy Selim, Aristotelis Filippidis, Ajith J. Thomas, Pascal Spincemaille, Yi Wang, and Salil Soman
Editorial	1855	Editorial for "Quantitative Susceptibility Mapping for Staging Acute Cerebral Hemorrhages: Comparing the Conventional and Multi-Echo Complex Total Field Inversion MR Methods"
	1857	Luguang Chen Effect of DRD4 Receptor –616 C/G Polymorphism on Thalamic GABA Levels in Pediatric Patients With Primary Nocturnal Enuresis Hongbin Sun, Yi You, Bing Xue, Shanshan Xiao, Yao Lu, Hongwei Ma, Yang Hou, Bing Yu, and Xin Pan
Editorial	1865	Editorial for "Effect of DRD4 Receptor –616 C/G Polymorphism on Thalamic GABA Levels in Pediatric Patients With Primary Nocturnal Enuresis"
	1867	Alberto Bizzi, Riccardo Pascuzzo, and Peter B. Barker Characteristics of Intrinsic Brain Functional Connectivity Alterations in Major
		Depressive Disorder Patients With Suicide Behavior
Editorial	1876	Ziqi Chen, Mingrui Xia, Youjin Zhao, Weihong Kuang, Zhiyun Jia, and Qiyong Gong Editorial for "Characteristics of Intrinsic Brain Functional Connectivity Alterations in Major Depressive Disorder Patients With Suicide Behavior"
	1070	Qingfei Luo Dographing Spatial Variability of Individual Watarahad Areas by Bayassularization
	1070	Decreasing Spatial Variability of Individual Watershed Areas by Revascularization Therapy in Patients With High-Grade Carotid Artery Stenosis Lena Schmitzer, Nico Sollmann, Jan Kufer, Michael Kallmayer, Hans-Henning Eckstein, Claus Zimmer, Christine Preibisch, Stephan Kaczmarz, and Jens Göttler
Editorial	1890	Editorial for "Decreasing Spatial Variability of Individual Watershed Areas by Revascularization Therapy in Patients with High-Grade Carotid Artery Stenosis" Audrey P. Fan
Abdomen	1892	Radiomics Models Based on Apparent Diffusion Coefficient Maps for the Prediction of High-Grade Prostate Cancer at Radical Prostatectomy: Comparison With Preoperative Biopsy Chao Han, Shuai Ma, Xiang Liu, Yi Liu, Changxin Li, Yaofeng Zhang, Xiaodong Zhang, and Xiaoying Wang
	1902	Pancreatobiliary Flow Dynamics: Association Between Bile and Pancreatic Juice Evaluated With Cine-Dynamic Magnetic Resonance Cholangiopancreatography Using Spatially Selective Inversion Recovery Pulse Mayumi Higashi, Masahiro Tanabe, Kenichiro Ihara, Etsushi Iida, Matakazu Furukawa, Munemasa Okada, and Katsuyoshi Ito

	1912	Diagnostic Performance of Liver Imaging Reporting and Data System Version 2017 Versus Version 2018 for Hepatocellular Carcinoma: A Systematic Review and Meta-Analysis of Comparative Studies Yeun-Yoon Kim, Sunyoung Lee, Jaeseung Shin, Won Jeong Son, Hyejung Shin, Ji Eun Lee, Jaese Ab Hugang, Yong Fun Chang, Jin Young Chai, and Mi Suk Bark.
Editorial	1920	Jeong Ah Hwang, Yong Eun Chung, Jin-Young Choi, and Mi-Suk Park Editorial for "Diagnostic Performance of Liver Imaging Reporting and Data System Version 2017 Versus Version 2018 for Hepatocellular Carcinoma: A Systematic Review and Meta-Analysis of Comparative Studies" Victoria Chernyak
	1922	Does Training in LI-RADS Version 2018 Improve Readers' Agreement with the Expert Consensus and Inter-reader Agreement in MRI Interpretation? Nan Zhang, Hui Xu, A-Hong Ren, Qian Zhang, Da-Wei Yang, Te Ba, Zhen-Chang Wang, and Zheng-Han Yang
Editorial	1935	Editorial for "Does Training in LI-RADS Version 2018 Improve Readers' Agreement With the Expert Consensus and Inter-Reader Agreement in MRI Interpretation?" Raffaele Pezzilli
	1937	Assessment of Imaging Modalities Against Liver Biopsy in Nonalcoholic Fatty Liver Disease: The Amsterdam NAFLD-NASH Cohort Marian A. Troelstra, Julia J. Witjes, Anne-Marieke van Dijk, Anne L. Mak, Oliver Gurney-Champion, Jurgen H. Runge, Diona Zwirs, Daniela Stols-Gonçalves, Aelko H. Zwinderman, Marije ten Wolde, Houshang Monajemi, Sandjai Ramsoekh, Ralph Sinkus,
		Otto M. van Delden, Ulrich H. Beuers, Joanne Verheij, Max Nieuwdorp, Aart J. Nederveen, and Adriaan G. Holleboom
Editorial	1950	Editorial for "Assessment of Imaging Modalities Against Liver Biopsy in Nonalcoholic Fatty Liver Disease: The Amsterdam NAFLD-NASH Cohort" Paul D. Hockings, Ferenc E. Mózes, and Michael Pavlides
Technical	1952	Seeking a Widely Adoptable Practical Standard to Estimate Signal-to-Noise Ratio in Magnetic Resonance Imaging for Multiple-Coil Reconstructions Eros Montin and Riccardo Lattanzi
Editorial	1965	Editorial for "Seeking a Widely Adoptable Practical Standard to Estimate Signal-to-Noise Ratio in Magnetic Resonance Imaging for Multiple-Coil Reconstructions" Mikhail Zubkov
	1967	Glutamate Chemical Exchange Saturation Transfer Imaging and Functional Alterations of Hippocampus in Rat Depression Model: A Pilot Study Xunrong Luo, Qingfa Ren, Mingfang Luo, Tianping Li, Yijie Lv, Yan Liu, Kang Rong, Wei Zhang, and Xianglin Li
Editorial	1977	Editorial for "Glutamate Chemical Exchange Saturation Transfer Imaging and Functional Alterations of Hippocampus in Rat Depression Model: A Pilot Study" Yihang Zhou and Haifeng Wang
Pelvis	1979	Evaluation of Weighted Diffusion Subtraction for Detection of Clinically Significant Prostate Cancer Toshiyuki Sato, Hiroyoshi Isoda, Koji Fujimoto, Akihiro Furuta, Masakazu Fujimoto, Katsuhiro Ito, Takashi Kobayashi, and Yuji Nakamoto
	1989	Investigation of Synthetic Magnetic Resonance Imaging Applied in the Evaluation of the Tumor Grade of Bladder Cancer Qian Cai, Zhihua Wen, Yiping Huang, Meiqin Li, Longyuan Ouyang, Jian Ling, Long Qian,
Editorial	1998	Yan Guo, and Huanjun Wang Editorial for "Investigation of Synthetic MRI Applied in the Evaluation of the Tumor Grade of Bladder Cancer" Nan Wang
Letter to the Editor		
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	2000	End-Systolic Circumferential Strain Derived From Cardiac Magnetic Resonance Feature-Tracking as a Predictor of Functional Recovery in Patients With ST-Segment Flevation Myocardial Infanction

ST-Segment Elevation Myocardial Infarction
Steve W. Leung, Richard J. Charnigo, Theresa Ratajczak, Mohamed Abo-Aly, Elica Shokri,

Ahmed Abdel-Latif, and Jonathan F. Wenk