

ISMRRM Travel Award

2024	加藤 亜結美	Mapping Brain Maturation in Neonates: A Quantitative Study with MR Fingerprinting
	渋谷 周平	Quantitative Susceptibility Mapping of Subcortical Regions in Major Depression Using Susceptibility Separation Technique
	北川 貴文	The relationship between tau protein and white matter structural changes in Alzheimer's disease using fixel-based analysis
	山崎 正暉	Visualization of long-lasting metabolic change in the brain of pseud-infectious model mice using hyperpolarized ^{13}C MRI with PHIP-SAH
	井上 依里香	Multi-Center Optimization of Breast DWI: Comparative Analysis of Fat Suppression Methods (STIR vs. SPAIR) and B-values (800 vs.1500 s/mm 2)
	仲谷 元	Periventricular Gradient of Tissue Microstructure in Patients with MS, NMOSD, and MOGAD
	亀田 浩之	Visualization of Glymphatic Route on the Rat Cerebral Surface Using Direct Injection of ^{17}O -Labeled Water and Proton MRI
	伊東 大輝	A new technique for detecting waves parallel to muscle fibers in MR elastography: Application to the supraspinatus muscle
	新田 圭介	Discriminating White/Gray matter in Cervical Spinal Cord by Myelin-Sensitive Inversion Recovery with Deep Learning Reconstruction at 1.5T MRI
	梅花 優貴	Quantitative evaluation of neurocutaneous melanosis using 3D MR fingerprinting
2023	平田 浩聖	In vivo assessment of astrocyte reactivity in patients with progressive supranuclear palsy
	原 祥子	How chronic cortical hypoperfusion affects choroid plexus in patients with moyamoya disease?
	加藤 大祐	Loss of AQP4 impairs solute clearance from the CSF space
	上田 博之	OPM-MEG/ULF-MRI Hybrid System: towards acquisition of both MR image and neural magnetic field

	子安 憲一	A Newly Designed Hyperpolarized Aminopeptidase N Probe Sensitive Detects Early Therapeutic Responses Heterogeneously on Pancreatic Tumors
	藤田 直人	Comparison of ground-truth-free deep learning approaches for accelerated quantitative parameter mapping
	香取 慶哉	Effects of Diffusion Time-dependent Tractography Focused on Skeletal Muscles
	北川 真歩	Brain temperature and its relation to cognitive status in traumatic brain injury: a whole-brain magnetic resonance spectroscopic imaging study
	赤塚 吉紘	Quantitative assessment of the anterior talofibular ligament after arthroscopic repair using T2* values
	北川 貴文	Evaluation of the relation between tau protein and white matter structural changes in Alzheimer's disease using fixel-based analysis
2022	伊藤 秀一	Evaluation of reverse encoding distortion correction DWI in patients with non-functioning pituitary macroadenoma
	野田 佳史	Free-Breathing Dynamic Pancreatic MRI Using Stack-of-Stars Radial Sampling Algorithm and Compressed SENSE
	外園 英光	Usefulness of quantitative MRI in the evaluation of pancreatic fibrosis
	常田 慧徳	Deep-learning-based super-resolution technique for cine cardiac magnetic resonance
	守田 裕一	Investigation of the ALDH2 genetic polymorphism effect in alcohol-related glymphatic dysfunction using DTI-ALPS
	藤田 直人	Systematic evaluation of the robustness of open-source networks for MRI multicoil reconstruction
	程野 祥太	Impact of EPI readout duration on the diffusion-fMRI response onset time
	國枝 和輝	Brain structures of a human embryo depicted by MR microscopy with different contrasts
	佐保 辰典	Clinical Impact of Single Breath Hold Contrast Enhanced 4D-MRA with High Temporal and Spatial Resolution without k-space Data Sharing Techniques

	鈴木 真	Evaluation of T1 relaxation time measurement using magnetic resonance spectroscopy unobstructed by the presence of fat: A liver phantom study
2021	※開催なし	
2020	※開催なし	
2019	藤本 健太郎	Vasodilation-related dynamic susceptibility change on quantitative susceptibility mapping with acetazolamide administration at 7T
	染矢 祐子	Investigation of breast cancer microstructure and microvasculature from time-dependent DWI and CEST in correlation with histology
	鎌形 康司	Effects of Arterial Stiffness on Cerebral White Matter Integrity in the Elderly
	舟山 慧	FITs-CNN: A Very Deep Cascaded Convolutional Neural Networks Using Folded Image Training Strategy for Abdominal MRI Reconstruction
	柳原 普	Feasibility of 7 Tesla MRA for identifying the lenticulostriate arteries in patients with unruptured intracranial aneurysms
	松元 友暉	Calculation of Concentration of Contrast Media, Relaxivity, Extracellular pH and Oxygen Extraction Fraction for Brain Tumor Characterization
	新田 展大	Longitudinal 3D intratumoral evaluation of an anti-angiogenic tumor treatment using a Gd-nano liposomal contrast agent and MR micro angiography
	Shubham Gupta	Validation of RF induced temperature increase in phantom and in living human tissue: a comparison study
	森 隆一	Ultrashort TE Time-Spatial Labeling Inversion Pulse MRA for Simulated Visceral Arterial Diseases Indicated for Endovascular Interventions
	植松 明子	Structural Brain Deterioration in the Course of Schizophrenia
2018	野田 佳史	Pancreatic T1 Mapping and Extracellular Volume Fraction in Patients with Impaired Glucose Tolerance
	本田 茉也	Improved lesion conspicuity and confidence level through suppressed background parenchymal enhancement in ultrafast breast dynamic contrast enhanced MRI

	石松 慶祐	Amide proton transfer (APT) imaging of uterine cervical cancer; prediction of histological findings
	太田 理恵	Pre-surgical evaluation of residual cancer by breast MRI after neoadjuvant systemic treatment: DWI-based algorithm
	鎌形 康司	Linked alterations in microstructural morphology of white matter in patients with Parkinson's disease: A multimodal magnetic resonance imaging study
	小林 尚玄	Single Breath-Hold T2 Quantification utilizing a Spiral Multi-Contrast TSE Sequence
	今田 奈津夫	A comparison of Enhanced Acceleration-Selective Arterial Spin Labeling (eAccASL) and Background Suppressed Single shot TFE-TRANCE (BASS TRANCE) for the peripheral
	小牧 裕司	Blocking AQP4 channels impacts BOLD fMRI but not Diffusion fMRI response patterns induced by visual stimulation
	森 隆一	Ultrashort TE Time-Spatial Labeling Inversion Pulse MR Angiography with Deep Learning Reconstruction for Abdominal Visceral Arteries: A Feasibility Study
	内田 航	Connectome analysis of world class gymnasts using probabilistic multi-shell multitissue constrained spherical deconvolution tracking
2017	鎌形 康司	A Preliminary MR g-Ratio-Based Connectome Analysis in Multiple Sclerosis
	福富 光	Prediction of Neurite Indices From Diffusion Tensor Imaging in the human cerebral cortex
	大嶋 園子	Visualization of Substantia Nigra Pars Compacta: MPRAGE vs. DANTE T1-SPACE
	阿部 考志	A Deep Learning Approach to Synthesize FLAIR Image from T1WI and T2WI
	クリスティナ・アン ディカ	Gray Matter Myelin Alterations in Early and Late Relapsing-Remitting Multiple Sclerosis Evaluated with Quantitative Synthetic Magnetic Resonance Imaging: A Gray-Matter Based Spatial Statistics Analysis
	織田 絵里香	4D Flow MRI analysis of cerebral blood flow before and after high-flow EC-IC bypass surgery for ICA aneurysm
	小林 尚玄	Evaluation of UTE for improved contrast enhanced DCE MRI at 7T

	山本 詩子	Improving time resolution in the imaging of metabolic dynamics using Compressed Sensing from 2D Heteronuclear Multiple Quantum Coherence
	唐 明輝	Torque abnormality of Ti alloy in a static magnetic field
	河窪 正照	Vortex Flow in Left Ventricle Interrupts Efficient Ejection: Demonstration by Vortex Flow Map of Cardiac Cine Magnetic Resonance Imaging
2016	古田 寿宏	A new technique of SPIO-enhanced MRI: delayed recovery of T2*-weighted signal intensity as a novel diagnostic marker for visualization of irradiated liver parenchyma
	原 祥子	NODDI revealed the brain microstructural damage in patients with moyamoya disease
	大西 奈都子	Ultrafast Dynamic Contrast Enhanced MRI of the Breast Using Compressed Sensing: A Novel Technique for Separate Visualization of Breast Arteries and Veins in Very Early Phase
	高村 朋宏	The Utility of DTI and NODDI for Assessment of Disease Severity and in Predicting Postoperative Neuronal Recovery: An Atlas-based Tract Specific Study
	入江 隆介	The histological validation analysis of diffusional kurtosis imaging with a cleared mouse brain
	森 勇樹	Quantitative four-dimensional motility tracking of individual immune cells in living mouse brain
	橘 篤志	Inducibility of ventricular arrhythmia correlates with the indices of myocardial viability using manganese enhanced MRI (MEMRI) in a porcine ischemia reperfusion model
	鈴木 雄一	Multi-modal characterization of white matter for studying language and hand motor function
	青池 拓哉	Measurement of the Diffusion-Selective T2 value in the Human Brain Using Diffusion-Weighted T2 map
	菅 博人	Background Field Removal Technique using Non-regularized Variable Kernels Sophisticated Harmonic Artifact Reduction for Phase Data for Quantitative Susceptibility Mapping
2015	日野田 卓也	An initial experiment of " Flexible PET/MRI " for CNS tumors
	野田 佳史	Rectal Cancer: Apparent Diffusion Coefficient Value and Clinical-Pathologic Factors Associated with Local Recurrence or Distant Metastases

	原田 太以佑	Improvement of the Reproducibility of Parallel Transmission at 7T by Breath-Holding During the Calibration Scan
	奥知 左智	The pointwise encoding time reduction with radial acquisition (PETRA) sequence: visualization of intracranial arteries and facial nerve canals
	川田 紘資	Utility of Non-contrast-enhanced MR Angiography for the Aneurysmal follow-up and Prediction of Endoleaks status post Endovascular Aortic Repair
	金澤 裕樹	Simple improvement method of uniformity of MR elastography on liver
	高島 弘幸	MR spectroscopy in the paraspinal muscles: Fat content in multifidus muscle increases in patients with chronic low back pain
	坂井 上之	Rapid and Distortion-Free Diffusion Tensor Imaging for Evaluation of Lumbar Nerve Roots Using Direct Coronal Single-Shot Turbo Spin-Echo Diffusion Sequence
	大野 雅子	Triexponential Diffusion Analysis in Breast Cancer
	中村 智哉	Assessment of fractional anisotropy of heart using ECG gating and second moment nulling pulse
2014	野田 靖文	MEASUREMENT OF RENAL CORTICAL THICKNESS USING NON-CONTRAST-ENHANCED STEADY-STATE FREE PRECESSION (SSFP) MRI WITH SPATIALLY SELECTIVE IR PULSE: ASSOCIATION WITH RENAL FUNCTION
	山崎 誘三	Clinical Impact of Left ventricular Eccentricity Index Using Cardiac Cine MRI for Assessment of Right Ventricular Hemodynamics in Adult Congenital Heart Disease
	八十川 和哉	POSTPRANDIAL CHANGES OF SECRETORY FLOW OF PANCREATIC JUICE IN THE MAIN PANCREATIC DUCT: EVALUTION WITH CINE DYNAMIC MRCP AND A SPANTIALLY SELECTIVE INVERSION RECOVERY(IR)PULSE
	上野 嘉子	High-Resolution Computed DWI with High b-Value: A Preliminary Study for Improving Prostate Cancer Detection at 3T MR System
	阿部 考志	Discrepancy between arterial spin labeling images and contrast-enhanced images of brain tumors
	上野 育子	Measurement of the Oxygen Extraction Fraction in Patients with Steno-occlusive Cerebrovascular Diseases using Quantitative Susceptibility Mapping at 7T
	伊藤 賢司	Differentiation of Early-Stage Parkinsonisms with Diffusion Kurtosis Imaging Using The Diffusion Magnetic Resonance Parkinsonism Index

	森 勇樹	In vivo monitoring of immune cell kinetics with time-lapse MRI in the ischemic lesion of mouse brain
	陳 挺口	Visualization of Lupus Nephritis using SPIO
	中村 智哉	Improvement of heart IVIM using 2nd moment nulling pulse
2013	関根 鉄朗	Relation of 4D Flow MRI of ophthalmic artery to cerebral vascular reactivity estimated with SPECT in patients with internal carotid artery occlusion
	高山 幸久	T1 ρ relaxation of the liver, a new biochemical marker of liver function in patients with diffuse liver disease
	飯間 麻美	Computer-assisted diagnosis of breast lesions based on IVIM and non Gaussian diffusion MRI
	神山 久信	Diffusion-Weighted MR Imaging with Multiple b Values: Which Parameters and Assessment Methods Are Best for Quantitative Diagnosis of Solitary Pulmonary Nodules?
	小林 道子	Value of Star Map for assessing cystic ovarian tumors
	疋島 啓吾	Nigrostriatal pathway evaluation with diffusion MRI and three-dimensional histological analysis in a monkey model of Parkinson's disease
	伊藤 賢司	Differentiation of Early-Stage Parkinsonisms using Diffusion Kurtosis/Tensor Imaging
	鈴木 雄一	Observation of brain development in neonates/infants using Diffusional Kurtosis Imaging
	AKRAM MD SHAHADAT HOSSAIN	Eigen matrix approach in coupled-circuit numerical simulation of eddy currents in MRI systems
中井 隆介	DEVELOPMENT AND EVALUATION OF LABELED ISLET CELLS USING IRON OXIDE ANOPARTICLES AND DNA HYBRIDIZATION	