

ISMIRM 2019 MONTREAL REVIEW CATEGORIES

100 NEURO

101 Neuro	Acquisition
102 Neuro	Processing
103 Neuro	Neonatal & Pediatric - Normal Development
104 Neuro	Neonatal & Pediatric - Clinical Studies
105 Neuro	Normal Aging
106 Neuro	Alzheimer's Disease & Other Dementias
107 Neuro	Parkinson's Disease
108 Neuro	Neurodegeneration (other than AD, PD and dementia)
109 Neuro	Multiple Sclerosis
110 Neuro	Neurovascular - Methods
111 Neuro	Neurovascular - Clinical Studies
112 Neuro	Brain Tumors - Pre-treatment
113 Neuro	Brain Tumors - Post-treatment
114 Neuro	Traumatic Brain Injury
115 Neuro	Psychiatric Disorders
116 Neuro	Head & Neck
117 Neuro	Spine
118 Neuro	Emerging Methods and Translational Studies
119 Neuro	Other (Original Research)

200 CV

201 CV	Myocardial Perfusion
202 CV	Myocardial Function
203 CV	Myocardial Tissue Characterization
204 CV	Atherosclerosis Imaging
205 CV	Contrast-Enhanced MRA
206 CV	Non-Contrast Enhanced MRA
207 CV	Velocity & Flow Quantification
208 CV	Image Processing
209 CV	Emerging Methods and Translational Studies
210 CV	Other (Original Research)

300 BODY

301 Body	Breast
302 Body	Lung / Mediastinum
303 Body	Hyperpolarized Gas Imaging
304 Body	Hepatobiliary - Non-neoplastic Disease (function, metabolism, fibrosis, iron, fat, inflammation)
305 Body	Hepatobiliary - Neoplastic Disease (benign and malignant)
306 Body	Pancreas (function, metabolic disease, non-neoplastic and neoplastic disease)
307 Body	Gastrointestinal (including tumors)
308 Body	Genitourinary (non-prostate, including tumors)
309 Body	Prostate
310 Body	Female Pelvis
311 Body	Placental and Fetal (all organ systems)
312 Body	Diabetes / Nutrition / Metabolism
313 Body	Diffusion
314 Body	Emerging Methods and Translational Studies
315 Body	Other (Original Research)

400 MSK

401 MSK	Muscle
402 MSK	Cartilage
403 MSK	Menisci / Tendon / Ligament
404 MSK	Bone
405 MSK	Tumors
406 MSK	Emerging Methods and Translational Studies
407 MSK	Other (Original Research)

500 CANCER

501 Cancer	Tumor Perfusion & Permeability
502 Cancer	Tumor Therapy Response and Radiation Planning
503 Cancer	DWI & MRS
504 Cancer	Other (Original Research)

600 MR SPECTROSCOPY

601 MRSI	Data Acquisition & Reconstruction Methods
602 MRS	Proton MRS - Acquisition Methods
603 MRS/MRI	Non-proton (all nuclei) - Methods & Applications
604 MRS/MRSI	Data Analysis & Quantification Methods
605 MRS/MRSI	Applications
606	NMR (MAS, Cells, Body Fluids) & ESR
607 MRS/MRSI	Other (Original Research)

700 MOLECULAR IMAGING

701 Molecular Imaging	Novel Contrast Agents (including Manganese)
702 Molecular Imaging	Targeted Molecular Imaging
703 Molecular Imaging	Cell Tracking & Reporter Genes
704 Molecular Imaging	Hyperpolarized MR (Non-Gas) & Metabolism
705 Molecular Imaging	PET/MR
706 Molecular Imaging	Other (Original Research)

800 CONTRAST MECHANISMS

801 Contrast Mechanisms	Relaxation
802 Contrast Mechanisms	Quantitative Susceptibility Mapping
803 Contrast Mechanisms	Electromagnetic Tissue Mapping (susceptibility, conductivity, etc)
804 Contrast Mechanisms	CEST / APT / NOE / Magnetization Transfer
805 Contrast Mechanisms	Perfusion & Permeability - Contrast Agent Methods
806 Contrast Mechanisms	Perfusion - Arterial Spin Labeling Methods
807 Contrast Mechanisms	Elastography
808 Contrast Mechanisms	Water-Fat Separation (including quantification)
809 Contrast Mechanisms	Microstructure (non-diffusion)
810 Contrast Mechanisms	Quantitation - Validation, Precision and Accuracy
811 Contrast Mechanisms	Novel Contrast Mechanisms
812 Contrast Mechanisms	Gadolinium-based Contrast Agents
813 Contrast Mechanisms	Other (Original Research)

900 ACQUISITION, RECONSTRUCTION & ANALYSIS

901 Acquisition, Reconstruction & Analysis	Novel Acquisition - Parallel Imaging Reconstruction
902 Acquisition, Reconstruction & Analysis	Novel Acquisition - Sparse and Low-Rank Models
903 Acquisition, Reconstruction & Analysis	Novel Acquisition - Other Image Reconstruction Models
904 Acquisition, Reconstruction & Analysis	RF Pulse Design and Fields (including parallel transmit and multiband)
905 Acquisition, Reconstruction & Analysis	Novel Acquisitions - New Contrasts and Signal Preparation Schemes
906 Acquisition, Reconstruction & Analysis	Novel Acquisitions - New Trajectories and Spatial Encoding Methods
907 Acquisition, Reconstruction & Analysis	Machine Learning for Image Reconstruction
908 Acquisition, Reconstruction & Analysis	Machine Learning (other than image reconstruction)
909 Acquisition, Reconstruction & Analysis	MR Fingerprinting
910 Acquisition, Reconstruction & Analysis	Quantitative Imaging (other than fingerprinting)
911 Acquisition, Reconstruction & Analysis	Motion Correction: Non-Brain
912 Acquisition, Reconstruction & Analysis	Motion Correction: Brain
913 Acquisition, Reconstruction & Analysis	System Imperfections - Measurement and Correction
914 Acquisition, Reconstruction & Analysis	Artifacts, Implants & Corrections
915 Acquisition, Reconstruction & Analysis	Image Processing & Analysis (including software)
916 Acquisition, Reconstruction & Analysis	Other (Original Research)

1000 DIFFUSION

1001 Diffusion	Acquisition Methods
1002 Diffusion	Image Reconstruction and Artefact Correction Methods
1003 Diffusion	Analysis and Visualization Methods
1004 Diffusion	Signal Representations/Decompositions (DTI, DKI, etc)
1005 Diffusion	Microstructure - Modelling
1006 Diffusion	Microstructure - Validation, Experiments and Applications
1007 Diffusion	Tractography and Fibre Modeling
1008 Diffusion	Applications (Human)
1009 Diffusion	Validation
1010 Diffusion	Other (Original Research)

1100 fMRI

1101 fMRI	Acquisition & Artifacts
1102 fMRI	Contrast Mechanisms and Signal Characteristics
1103 fMRI	Physiology
1104 fMRI	Multimodal
1105 fMRI	Connectivity Methods
1106 fMRI	Analysis Methods (Other Than Connectivity)
1107 fMRI	Connectivity-Based Applications (Human)
1108 fMRI	Non-Connectivity-Based Applications (Human)
1109 fMRI	Other (Original Research)

1200 INTERVENTIONAL

1201 Interventional	Thermotherapy & Thermometry
1202 Interventional	MR-Guided Focused Ultrasound
1203 Interventional	MR-guided Interventions (non-thermal)
1204 Interventional	Other (Original Research)

1300 ENGINEERING

1301 Engineering	RF Arrays & Systems
1302 Engineering	Non-Array RF Coils, Antennas & Waveguides
1303 Engineering	Gradient, Shim, & Magnet Technology
1304 Engineering	Hybrid & Novel Systems Technology
1305 Engineering	UHF Imaging & Spectroscopy - Applications & Technology
1306 Engineering	Other (Original Research)

1400 MR SAFETY

1401 MR Safety	Bioeffects and Magnetic Fields (static, time-varying, RF)
1402 MR Safety	Implants and Devices
1403 MR Safety	Contrast Agent Safety Considerations
1404 MR Safety	Other (Original Research)

1500 MR VALUE

1501 MR Value	
---------------	--

1600 PRECLINICAL/ANIMAL STUDIES

1601 Preclinical/Animal Studies	Neuro
1602 Preclinical/Animal Studies	Cardiovascular
1603 Preclinical/Animal Studies	Body
1604 Preclinical/Animal Studies	Musculoskeletal
1605 Preclinical/Animal Studies	Cancer
1606 Preclinical/Animal Studies	Molecular/Spectroscopy/Non-proton Applications
1607 Preclinical/Animal Studies	Diffusion Applications
1608 Preclinical/Animal Studies	Perfusion Applications
1609 Preclinical/Animal Studies	fMRI Applications
1610 Preclinical/Animal Studies	Other (Original Research)