

| | Submission ID | Submission Title |
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| 1 | 660188 | Detection of Interictal Epileptiform Discharges: A Comparison of On-scalp and Conventional MEG Measurements |
| 2 | 666061 | Simple and Concise Operation Makes the Most of MEG |
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| 4 | 674045 | Preoperative Evaluation for Indication of Total Corpus Callosotomy Using Gradient Magnetic Field Topography (GMFT) in Patients with Intractable Generalized Epilepsy and Drop Attacks |
| 5 | 676456 | Estimating Directional Information Flow During MEG Interictal Spike Recordings |
| 6 | 676722 | Interbrain Coupling During Turn-taking Verbal Interactions Between Mothers and Children |
| 7 | 676762 | Clinical Utility of High-Density EEG with MEG for Epilepsy Surgery |
| 8 | 677118 | The Effect of Normal-appearing White Matter Changes on Visual-gamma in Paediatric Acquired Demyelinating Syndromes |
| 9 | 677295 | Limitations of Magnetoencephalography for Detecting High Frequency Activity |
| 10 | 677752 | Magnetoencephalographic Correlates of Suicidal Ideation in Major Depression |
| 11 | 678643 | Enhanced Beta Modulations in Primary Sensorymotor and Visual Cortices Reflect Visuomotor Control: A Precursor to Neurofeedback |
| 12 | 678997 | Characterizing Transient Spectral Events in Big Data |
| 13 | 680367 | Machine Learning for Mental Illness Diagnoses: Use of the MEG Connectome as a Biomarker for PTSD |
| 14 | 680558 | Quantifying Temporal Dysconnectivity Among Schizophrenia Patients: A Resting-state MEG Study |
| 15 | 680653 | Spike Onset Zone on Magnetoencephalography in Various Epileptogenic Lesions |
| 16 | 680695 | The Distinct Impact of Age on Occipital Neural Dynamics in HIV-infected Adults with and Without Cognitive Impairment |
| 17 | 680930 | Evaluating Visual Evoked Cortical Magnetic Responses in Youth with Demyelination |
| 18 | 692928 | Reduction of Spontaneous Beta Bursts in Parkinson's Disease Is Correlated with Motor Symptom Severity |
| 19 | 694591 | Concussion During Adolescence Disrupts Local and Large-scale Neurophysiological Circuits |
| 20 | 694754 | Nonpharmacological Treatment Changes Resting-state Brain Activity in Patients with Dementia |
| 21 | 695621 | Measuring Brain Activity from Paediatric to Elderly with Two Helmets in One Dewar Cooled by Continuous Reliquefaction: LifeSpan MEG |

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| 22 | 660123 | Magnetoencephalography as a Prognostic Tool in Patients with Medically Intractable Temporal Lobe Epilepsy |
| 23 | 666935 | Resting State MEG for Rational Planning of Neurostimulation Treatment in Stroke and Dementia |
| 24 | 673882 | Marked Increases in Resting-State MEG Gamma-Band Activity in Combat-related Mild Traumatic Brain Injury: A Novel Imaging Marker |
| 25 | 674683 | Communication Study: Hyperscanning Using Dual-MEG |
| 26 | 676521 | Overnight Ictal Magnetoencephalography in Children with Drug-resistant Epilepsy |
| 27 | 676811 | MEG in Minimally Verbal / Non-verbal Children with Autism Spectrum Disorder |
| 28 | 677473 | Noninvasive Localization of High-Frequency Oscillations in Children with Epilepsy: Validation Against Intracranial Gold-Standard |
| 29 | 679283 | The Respiratory Cycle Modulates Pain Processing: An Experimental Study |
| 30 | 679614 | Magnetoencephalography and Magnetic Resonance Imaging: MRI Safety and Artifact Predictability Between Two Magnetically Associated Modalities |
| 31 | 693223 | Utility of Ictal MEG in the Presurgical Evaluation of Patients Undergoing Epilepsy Surgery |
| 32 | 696195 | Separating the Wheat from the Chaff – Optimization and Validation of MEG Connectivity- and Network-based Language Mapping in Childhood |
| 33 | 650329 | A Novel Method for Extracting Interictal Epileptiform Discharges in Multi-channel MEG: Use of Fractional Type of Blind Source Separation |
| 34 | 650447 | Monaural Auditory Stimulation Can Be Useful for Identifying Epileptic Focus in Patients with Mesial Temporal Lobe Epilepsy |
| 35 | 665389 | Auditory Mismatch Field and Language Performance in Low Birth Weight Infants at Preschool Age |
| 36 | 670557 | Large-cohort Electrophysiological Markers of ASD |
| 37 | 674081 | Changes of Stimulus-induced 20-Hz Activity for the Tongue and Hard Palate During Tongue Movement Using MEG |
| 38 | 674211 | MEG-based Dynamic Functional Coupling Is Associated with Pain Interference on Cognitive Task Performance |
| 39 | 675116 | Cortical Oscillations and Phase-amplitude Coupling During Motor Processing in Young Children with Autism Spectrum Disorders |
| 40 | 675795 | MEG Measures of Altered Somatosensory and Motor Function in Children Following Basal Ganglia Stroke |
| 41 | 675798 | Reorganization of Functional Language Networks Following Neonatal Arterial Ischemic Stroke Supports Language Outcome |

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| 42 | 676658 | Long-term Effects of Interictal Epileptiform Discharge on Cognitive Development and Sociality in Preschool Children with Autism Spectrum Disorders |
| 43 | 676714 | Developmental Trajectories of Functional Connectivity in Infant Follow-up Study |
| 44 | 676725 | Equivalent Current Dipole Analysis of Epileptic Spikes Between Spike Peak and Onset |
| 45 | 676728 | Somatosensory Evoked Fields for the Posterior Tibial Nerve in Sensorimotor Seizures of Lower Limbs |
| 46 | 676736 | Relationship Between Precuneus Activity and Mild Cognitive Impairment |
| 47 | 676737 | Estimation of Postoperative Visual Field Defect Using Visual Evoked Field |
| 48 | 676746 | Neuromagnetic Brain Responses to Vibrotactile Stimulations of Dominant and Non-dominant Hand |
| 49 | 677013 | Abnormal Auditory Mismatch Fields in Children and Adolescents with 47, XYY Syndrome |
| 50 | 677073 | Use of Magnetoencephalography to Examine Cortical Responses to Deep Brain Stimulation |
| 51 | 677180 | Correlation Between Fusion EEG-MEG Source Localizations with Hemodynamic Responses and Relation to Surgical Outcome |
| 52 | 677225 | Effects of Theta Burst Stimulation on Cortical Dynamics and Sensorimotor Coordination |
| 53 | 677361 | Investigation of Neuromagnetic Auditory Response in Patients with Hemifacial Spasm |
| 54 | 677374 | MEG Head Movement Compensation in Difficult-to-test Populations withdrawn |
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| 56 | 679683 | Detection of Auditory Evoked Response Under the Magnetic Field Noise Caused by a Cochlear Implant Device |
| 57 | 680293 | Adults with Autism Spectrum Disorder Demonstrate Atypical Brain Connectivity During a Response Inhibition Task |
| 58 | 680651 | Interictal Epilepsy Spike Detection from MEG Signal Using Machine Learning |

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| 59 | 680913 | Resting State Connectivity in Fragile X Syndrome |
| 60 | 691560 | Symptom-associated Change of Motor-related Neuromagnetic Fields in a Patient with Multiple Sclerosis: A Case Report |
| 61 | 695694 | Automated Detection of Interictal Spikes : Choice of a Computational Framework |
| 62 | 696484 | Detecting Differences with Magnetoencephalography (MEG)-urodynamics Study of Somatosensory Processing Normal Desire to Void and Maximum Desire to Void Sensation |

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|------------|----------|--|--------|-------|
| Anna-Liisa | Brownell | MGH Gordon Center for Medical Imaging & Harvard Medical School | | |
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| Kazuyori | Yagyu | Hokkaido University Hospital | Takeya | Kitta |

| CoAuthor 5 Organization |
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| |
| The Hospital for Sick Children |
| |
| University of Washington |
| Swinburne University of Technology |
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| |
| University of Texas at Austin |
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| |
| The Hospital for Sick Children |
| University of Nebraska Medical Center |
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| Karolinska Institutet |
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| Kyung-Hee University Hospital |
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| University of California San Diego |
| |
| Hokkaido University Hospital |
| |
| Children's Hospital of Philadelphia |
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| Boston Children's Hospital |
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| |
| N .N. Burdenko National Scientific and Practical Center for Neurosurgery |
| |
| Cincinnati Children's Hospital Medical Center |
| |
| Gifu University |
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| Kyushu University |
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| Kanazawa University |
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| Krembil Research Institute |
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| Tohoku University Graduate School of Medicine |
| Tech3Lab, HEC Montréal, Quebec, Canada/ Faculty of Health Sciences, Hokkaido University |
| Osaka City University Graduate School of Medicine |
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| Children's Hospital of Philadelphia |
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| Multimodal Functional Imaging Lab, Biomedical Engineering Department, McGill University; Multimodal Functional Imaging Lab, Department of Physics and PERFORM Centre, Montreal, Canada |
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| University of Toronto |
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| Simon Fraser University |

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| Hokkaido University Hospital |