

Automatic assessment of the myoclonus severity from videos recorded according to standardized Unified Myoclonus Rating Scale protocol and using human pose and body movement analysis

Randomized Multiresolution Scanning in Focal and Fast E/MEG Sensing of Brain Activity with a Variable Depth

Improved EEG source localization with Bayesian uncertainty modelling of unknown skull conductivity

Advances in Human Stem Cell-Derived Neuronal Cell Culturing and Analysis

A realistic, accurate and fast source modeling approach for the EEG forward problem

Astrocyte lineage cells are essential for functional neuronal differentiation and synapse maturation in human iPSC-derived neural networks

Epileptiform and periodic EEG activities induced by rapid sevoflurane anaesthesia induction

Functional brain segmentation using inter-subject correlation in fMRI

Predicting symptom severity in autism spectrum disorder based on cortical thickness measures in agglomerative data

Spinal cord injury induces widespread chronic changes in cerebral white matter

Assessment of respiratory effort during sleep with noninvasive techniques

Severe cerebral white matter lesions in ischemic stroke patients are associated with less time spent at home and early institutionalization

Evaluation of the different sleep-disordered breathing patterns of the compressed tracheal sound

Association between soluble L-selectin and anti-JCV antibodies in natalizumab-treated relapsing-remitting MS patients

Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI
The CADDementia challenge

Analysis of apoptosis-related genes in patients with clinically isolated syndrome and their association with conversion to multiple sclerosis

Defining the anterior nucleus of the thalamus (ANT) as a deep brain stimulation target in refractory epilepsy
Delineation using 3 T MRI and intraoperative microelectrode recording

Autoimmunity-related immunological serum markers and survival in a tertiary care cohort of adult patients with epilepsy

Immediate effects of deep brain stimulation of anterior thalamic nuclei on executive functions and emotion-attention interaction in humans

Post-stroke depression and depression-executive dysfunction syndrome are associated with recurrence of ischaemic stroke

Disconnection between periodic leg movements and cortical arousals in spinal cord injury

Mortality by clinical characteristics in a tertiary care cohort of adult patients with chronic epilepsy

Extensive white matter changes predict stroke recurrence up to 5 years after a first-ever ischemic stroke

Melatonin pathway genes are associated with progressive subtypes and disability status in multiple sclerosis among Finnish patients

Disease-associated inflammatory biomarker profiles in blood in different subtypes of multiple sclerosis
Prospective clinical and MRI follow-up study

Cost-effectiveness of decompressive craniectomy in non-traumatic neurological emergencies