

Neurofunctional plasticity in fraction learning  
An fMRI training study

Membrane-Dependent Binding and Entry Mechanism of Dopamine into Its Receptor

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

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

Teaching semantics and skills for human-robot collaboration

Cognitive load and metacognitive confidence extraction from pupillary response

Human-robot interactive learning architecture using ontologies and symbol manipulation

Improving efficiency in convolutional neural networks with multilinear filters

Nonlinear recurrent neural networks for finite-time solution of general time-varying linear matrix equations

A Primal Neural Network for Online Equality-Constrained Quadratic Programming

MetrIntMeas a novel metric for measuring the intelligence of a swarm of cooperating agents

Inhibition of A $\beta$  Amyloid Growth and Toxicity by Silybins  
The Crucial Role of Stereochemistry

Calcium Assists Dopamine Release by Preventing Aggregation on the Inner Leaflet of Presynaptic Vesicles

CNN-based edge filtering for object proposals

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

Human anterior thalamic nuclei are involved in emotion-attention interaction

DropELM  
Fast neural network regularization with Dropout and DropConnect

Distance-based human action recognition using optimized class representations

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

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

Extreme learning machine based supervised subspace learning

Regularized extreme learning machine for multi-view semi-supervised action recognition

Learning sparse representations for view-independent human action recognition based on fuzzy distances

Transfer learning using a nonparametric sparse topic model

Fault tolerant machine learning for nanoscale cognitive radio