

Human-robot interactive learning architecture using ontologies and symbol manipulation

Teaching semantics and skills for human-robot collaboration

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

A Primal Neural Network for Online Equality-Constrained Quadratic Programming

Transfer learning using a nonparametric sparse topic model

Cognitive load and metacognitive confidence extraction from pupillary response

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

Distance-based human action recognition using optimized class representations

DropELM
Fast neural network regularization with Dropout and DropConnect

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

Extreme learning machine based supervised subspace learning

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

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

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

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

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

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

Fault tolerant machine learning for nanoscale cognitive radio

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

Inhibition of A β Amyloid Growth and Toxicity by Silybins
The Crucial Role of Stereochemistry

Human anterior thalamic nuclei are involved in emotion-attention interaction

Improving efficiency in convolutional neural networks with multilinear filters

CNN-based edge filtering for object proposals

Neurofunctional plasticity in fraction learning
An fMRI training study

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