FEATURE ARTICLE

Biological Motion Processing as a Hallmark of Social Cognition
Marina A. Pavlova

ROB1 Induces Barrel-like Neuronal Clusters in the Developing Neocortex
Denis Jabaudon, Sara J. Shnider, David J. Tischfield, Maria J. Galazo and Jeffrey D. Macklis

Modulation of the Mouse Prefrontal Cortex Activation by Neuronal Nicotinic Receptors during Novelty Exploration but not by Exploration of a Familiar Environment
Jean-Pierre Bourgeois, Vannary Meas-Yeadid, Anne-Marie Lesourd, Philippe Faure, Stéphanie Pons, Uwe Maskos, Jean-Pierre Changeux, Jean-Christophe Olivo-Marin and Sylvie Granon

The Effect of Preterm Birth on Thalamic and Cortical Development
Gareth Ball, James P. Boardman, Daniel Rueckert, Paul Aljabar, Tomoki Arichi, Nazakat Merchant, Ioannis S. Gousias, A. David Edwards and Serena J. Counsell

Reduced Functional Integration and Segregation of Distributed Neural Systems Underlying Social and Emotional Information Processing in Autism Spectrum Disorders
Jeffrey D. Rudie, Zarrar Shehzad, Leanna M. Hernandez, Natalie L. Colich, Susan Y. Bookheimer, Marco Iacoboni and Mirella Dapretto

Failure to Modulate Attentional Control in Advanced Aging Linked to White Matter Pathology
Trey Hedden, Koene R. A. Van Dijk, Emily H. Shire, Reisa A. Sperling, Keith A. Johnson and Randy L. Buckner

Neural Correlates of Perceptual Decision Making before, during, and after Decision Commitment in Monkey Frontal Eye Field
Long Ding and Joshua I. Gold

Vestibular Inputs to Human Motion-Sensitive Visual Cortex
Andrew T. Smith, Matthew B. Wall and Kai V. Thilo

Brain Activity during a Visuospatial Working Memory Task Predicts Arithmetical Performance 2 Years Later
Iroise Dumonthiel and Torkel Klingberg

Attention Supports Verbal Short-Term Memory via Competition between Dorsal and Ventral Attention Networks
Steve Majerus, Lucie Attout, Arnaud D’Argembeau, Christian Degueldre, Wim Fias, Pierre Maquet, Trety Martinez Perez, David Stawarczyk, Eric Salmon, Martial Van der Linden, Christophe Phillips and Evelyne Balteau

Goal-Directed Actions Activate the Face-Sensitive Posterior Superior Temporal Sulcus and Fusiform Gyrus in the Absence of Human-Like Perceptual Cues
Sarah Shultz and Gregory McCarthy

Specific Brain Networks during Explicit and Implicit Decoding of Emotional Prosody
Sascha Frühholz, Leonardo Ceravolo and Didier Grandjean
Decoding an Individual's Sensitivity to Pain from the Multivariate Analysis of EEG Data

Deep Brain Stimulation of Subthalamic Nuclei Affects Arm Response Inhibition In Parkinson’s Patients

Modulation of Inhibition of Return by the Dopamine D2 Receptor Agonist Bromocriptine Depends on Individual DAT1 Genotype

Role of MSTd Extraretinal Signals in Smooth Pursuit Adaptation

Parcellation in Left Lateral Parietal Cortex Is Similar in Adults and Children

Competition in Working Memory Reduces Frontal Guidance of Visual Selection

Abnormal Cortical Thickness Alterations in Fetal Alcohol Spectrum Disorders and Their Relationships with Facial Dysmorphology

Training to Improve Hearing Speech in Noise: Biological Mechanisms

WIP Is a Negative Regulator of Neuronal Maturation and Synaptic Activity

Functional and Anatomical Identification of a Vesicular Transporter Mediating Neuronal ATP Release

Cortical Opioid Markers in Schizophrenia and across Postnatal Development