Research Articles

CELLULAR/MOLECULAR

7016 Drosophila Homolog of the Human Carpenter Syndrome Linked Gene, MEGF8, Is Required for Synapse Development and Function
Shuting Chen, Anand Venkatesan, Yong Qi Lin, Jing Xie, Gregory Neely, Swati Banerjee, and Manzoor A. Bhat

DEVELOPMENT/PLASTICITY/REPAIR

7031 Functional Cooperation of α-Synuclein and Tau Is Essential for Proper Corticogenesis
Shengming Wang, Yu Fu, Takaki Miyata, Sakiko Matsumoto, Tomoyasu Shinoda, Kyoko Itoh, Akhiro Harada, Shinji Hirotsune, and Mingyue Jin

SYSTEMS/CIRCUITS

7047 Dynamics and Mechanisms of Contrast-Dependent Modulation of Spatial-Frequency Tuning in the Early Visual Cortex
Hiroki Tanaka and Ryohei Sawada

7060 Crossed Corticostriatal Projections in the Macaque Brain
Elena Borra, Dalila Biancheri, Marianna Rizzo, Fabio Leonardi, and Giuseppe Luppino

7077 Adult Born Dentate Granule Cell Mediated Upregulation of Feedback Inhibition in a Mouse Model of Traumatic Brain Injury
Young-Jin Kang, Sang-Hun Lee, Jeffery A. Boychuk, Corwin R. Butler, J. Anna Juras, Ryan A. Cloyd, and Bret N. Smith

BEHAVIORAL/COGNITIVE

7094 β Bursting in the Retrosplenial Cortex Is a Neurophysiological Correlate of Environmental Novelty Which Is Disrupted in a Mouse Model of Alzheimer’s Disease
Callum Walsh, Thomas Ridler, Gabriella Margetts-Smith, Maria Garcia Garrido, Jonathan Witton, Andrew D. Randall, and Jonathan T. Brown

7110 Common Neural Mechanisms Control Attention and Working Memory
Ying Zhou (周颖), Clayton E. Curtis, Kartik K. Sreenivasan, and Daryl Fougnie

7121 A Distributed Network for Multimodal Experiential Representation of Concepts
Jiaqing Tong, Jeffrey R. Binder, Colin Humphries, Stephen Mazurchuk, Lisa L. Conant, and Leonardo Fernandino
Causal Inference of Body Ownership in the Posterior Parietal Cortex
Marie Chancel, Heather Iriye, and H. Henrik Ehrsson

Stimulus-Induced Changes in 1/f-like Background Activity in EEG
Máté Gyurkovics, Grace M. Clements, Kathy A. Low, Monica Fabiani, and Gabriele Gratton

NEUROBIOLOGY OF DISEASE

Peroxisome Injury in Multiple Sclerosis: Protective Effects of 4-Phenylbutyrate in CNS-Associated Macrophages

Shared and Distinct Functional Effects of Patient-Specific Tbr1 Mutations on Cortical Development
Marissa Co, Rebecca A. Barnard, Jennifer N. Jahncke, Sally Grindstaff, Lev M. Fedorov, Andrew C. Adey, Kevin M. Wright, and Brian J. O’Roak

Persons interested in becoming members of the Society for Neuroscience should contact the Membership Department at membership@sfn.org or 202-962-4911.

For current submission policies and manuscript preparation guidelines, authors should refer to our Information for Authors at https://www.jneurosci.org/content/information-authors.

Manuscripts should be submitted online at https://jneurosci.msubmit.net. Please contact the Central Office with any questions at jn@sfn.org or 202-962-4000.