This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

5277 βII-Spectrin Is Required for Synaptic Positioning during Retinal Development
Debalina Goswami-Sewell, Caitlin Bagnetto, Cesiah C. Gomez,
Joseph T. Anderson, Akash Maheshwari, and Elizabeth Zuniga-Sanchez

5290 The Amyloid Precursor Protein Regulates Synaptic Transmission at Medial Perforant Path Synapses
Maximilian Lenz, Amelie Eichler, Pia Kruse, Christos Galanis, Dimitrios Kleidonas,
Geoffroy Andrieux, Melanie Boerries, Peter Jedlicka, Ulrike Müller, Thomas Deller,
and Andreas Vlachos

DEVELOPMENT/PLASTICITY/REPAIR

5305 Lrrn1 Regulates Medial Boundary Formation in the Developing Mouse Organ of Corti
Helen R. Maunsell, Kathryn Ellis, Matthew W. Kelley, and Elizabeth Carroll Driver

SYSTEMS/CIRCUITS

5319 Diversity of Ganglion Cell Responses to Saccade-Like Image Shifts in the Primate Retina
Steffen Krüppel, Mohammad H. Khani, Dimokratis Karamanlis, Yunus C. Erol,
Sören J. Zapp, Matthias Mietsch, Dario A. Protti, Fernando Rozenblit, and Tim Gollisch

5340 Dynorphinergic Projections from the Central Amygdala to the Parabrachial Nucleus Regulate Itch
Hideki Funahashi, Darya Pavlenko, Kent Sakai, Rebecca Verpire,
Kristen M. Sanders, and Tasuku Akiyama

BEHAVIORAL/COGNITIVE

5350 Dimensionality and Ramping: Signatures of Sentence Integration in the Dynamics of Brains and Deep Language Models
Théo Desbordes, Yair Lakretz, Valérie Chanoine, Maxime Oquab,
Jean-Michel Badier, Agnès Trébuchon, Romain Carron, Christian-G. Bénar,
Stanislas Dehaene, and Jean-Rémi King

5365 Effects of Hallucination Proneness and Sensory Resolution on Prior Biases in Human Perceptual Inference of Time Intervals
Emeline Duhamel, Andra Mihali, and Guillermo Horga
The Emergence of Tuning to Global Shape Properties of Radial Frequency Patterns in the Ventral Visual Pathway
Samuel J. D. Lawrence, Elisa Zamboni, Richard J. W. Vernon, André D. Gouws, Alex R. Wade, and Antony B. Morland

Network Communications Flexibly Predict Visual Contents That Enhance Representations for Faster Visual Categorization
Yuening Yan, Jiayu Zhan, Robin A. A. Ince, and Philippe G. Schyns

EEG Decoding Reveals Neural Predictions for Naturalistic Material Behaviors
Daniel Kaiser, Rico Stecher, and Katja Doerschner

NEUROBIOLOGY OF DISEASE

Metastatic Infiltration of Nervous Tissue and Periosteal Nerve Sprouting in Multiple Myeloma-Induced Bone Pain in Mice and Human

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