

Posters

- Aramant R.B.<sup>1</sup>, Thomas B.B.<sup>2</sup>, Satta S.R.<sup>2</sup>, & Seiler M.J.<sup>2,3,4</sup>: “Optokinetic Test to Evaluate Visual Acuity of Each Eye Independently.” 1 Univ. Louisville, Louisville, KY; 2 Ophthalmol; 3 Cell & Neurobiol.; 4 CVST.
- Wilson Chu<sup>1</sup>, Zhong-Lin Lu<sup>1,2,3</sup>, & Barbara Doshier<sup>4</sup>: “Characterizing and Modeling Temporal Dynamics of Perceptual Decision Making.” 1 Psych; 2 NGP; 3 CVST; 4 UCI.
- Douglas Garrett<sup>1</sup>, Larry Kite<sup>2</sup>, Viral Shah<sup>3</sup>, Xiangyu Tang<sup>2</sup>, & Christoph von der Malsburg<sup>1,2,4</sup>: “Recognizing Persons from One-Shot Learning.” 1 Physics; 2 CS; 3 EE; 4 CVST.
- Seong-Taek Jeon<sup>1</sup> & Zhong-Lin Lu<sup>1,2,3</sup>: “Temporal Tuning Characteristic of Perceptual Template.” 1 Psych; 2 NGP; 3 CVST.
- Eun Jin Lee<sup>1,2,3</sup> & M.H. Chun<sup>3</sup>: “BDNF Is Essential for Maintenance of All Amacrine Cells in the Rat Retina.” 1 BME; 2 CVST; 3 Catholic University of Korea.
- Jianwei Lu<sup>1,2</sup> & Laurent Itti<sup>2,3,4</sup>: “Perceptual consequences of feature-based attention.” 1 Biology; 2 NGP; 3 CS; 4 CVST.
- David K. Merwine<sup>1,2</sup> & Norberto M. Grzywacz<sup>1,2,3</sup>: “Bayesian Directional Accuracy of the Population of Directionally Selective Ganglion Cells.” 1 CVST; 2 BME; 3 NGP.
- Changki Min<sup>1</sup> & Gérard Medioni<sup>1,2</sup>: “Matching and Interpretation of 2-D Motions Using Tensor Voting.” 1 CS; 2 CVST.
- Philippos Mordohai<sup>1</sup> & Gérard Medioni<sup>1,2</sup>: “Stereo Using Monocular Cues within the Tensor Voting Framework.” 1 CS; 2 CVST.
- Philippos Mordohai<sup>1</sup> & Gérard Medioni<sup>1,2</sup>: “Junction Inference and Classification for Completion Using Tensor Voting.” 1 CS; 2 CVST.

Ng, M.<sup>1</sup>, Ciaramitaro, V.<sup>1</sup>, Boynton, G.M.<sup>1</sup>, & Fine, I.<sup>1,2,3</sup>: “Neural Tuning of Face Perception.” 1 Salk; 2 Ophthalmol; 3 CVST.

Eric Ortega<sup>1</sup> & Bartlett Mel<sup>1,2,3</sup>: “Illuminant Estimation by the Advised Use of Scene Information.” 1 BME; 2 NGP; 2 CVST.

Mónica Padilla<sup>1,2</sup> & Norberto M. Grzywacz<sup>1,2,3</sup>: “Perceptual Learning of a Motion-Segmentation Task.” 1 BME; 2 CVST; 3 NGP.

Qiu G.T.<sup>1</sup>, Arai S.<sup>1</sup>, Aramant R.B.<sup>2</sup>, Satta S.R.<sup>1</sup>, & Seiler M.J.<sup>1,3,4</sup>:  
“Alternative Conditions for Isolation and Expansion of Retinal Progenitor Cells.” 1 Ophthalmol; 2 Univ. Louisville, Louisville, KY; 3 Cell & Neurobiol.; 4 CVST.

Joaquín Rapela<sup>1,2,3</sup> & Norberto M. Grzywacz<sup>1,3,4</sup>: “Estimation of Linear and Nonlinear Spatial Receptive Fields from Natural Images.” 1 NGP; 2 EE; 3 CVST; 4 BME.

Seiler M.J.<sup>1,2,3</sup>, Sagdullaev B.T.<sup>4</sup>, Woch G.<sup>5</sup>, & Aramant R.B.<sup>6</sup>: “Tracing with Pseudorabies Virus Shows Synaptic Connectivity of Retinal Transplants with Degenerated Host Retina.” 1 Ophthalmol; 2 Cell & Neurobiol.; 3 CVST; 4 Washington University, Saint Louis, MO; 5 Penn State Milton S. Hershey Med. Center, Hershey, PA; 6 Univ. Louisville, Louisville, KY.

Thomas B.B.<sup>1</sup>, Seiler M.J.<sup>1,2,3</sup>, Satta S.R.<sup>1</sup>, & Aramant R.B.<sup>4</sup>: “Acceleration of Retinal Degeneration by Blue Light: Advantages for Evaluation of Therapies.” 1 Ophthalmol; 2 Cell & Neurobiol.; 3 CVST; 4 Univ. Louisville, Louisville, KY.

Jeff D. Wurfel<sup>1,2</sup>, José F. Barraza<sup>2,3,4</sup>, & Norberto M. Grzywacz<sup>1,2,3</sup>: “Effects of Optic-Flow Density on the Metric Estimation of Rotation and Expansion.” 1 NGP; 2 CVST; 3 BME; 4 CONICET, Universidad Nacional de Tucumán, Argentina.

Chunhong Zhou<sup>1</sup> & Bartlett Mel<sup>1,2,3</sup>: “Cue Combination in Color and Texture Boundary Detection.” 1 BME; 2 NGP; 2 CVST.