

Publications

Here's a list of some of the papers that were published during 2008, 2007 and 2006 using CRS equipment:

Alitto, H. J. and W. M. Usrey (2008). "Origin and dynamics of extraclassical suppression in the lateral geniculate nucleus of the macaque monkey." *Neuron* **57**(1): 135-46.

Anderson, A. J. and R. H. Carpenter (2008). "The effect of stimuli that isolate S-cones on early saccades and the gap effect." *Proc Biol Sci* **275**(1632): 335-44.

Anderson, E. J., M. Husain, et al. (2008). "Human intraparietal sulcus (IPS) and competition between exogenous and endogenous saccade plans." *Neuroimage* **40**(2): 838-51.

Blakeslee, B. and M. E. McCourt (2008). "Nearly instantaneous brightness induction." *J Vis* **8**(2): 15 1-8.

Boon, M. Y., B. I. Henry, et al. (2008). "The correlation dimension: a useful objective measure of the transient visual evoked potential?" *J Vis* **8**(1): 6 1-21.

Burr, D. and J. Ross (2008). "A visual sense of number." *Curr Biol* **18**(6): 425-8.

D'Angelo, A., M. Pacitto, et al. (2008). "A psychovisual experiment on the use of Gibbs potential for the quality assessment of geometrically distorted images." *Proceedings of SPIE* **6806**: 680616.

Davenport, C. M., P. B. Detwiler, et al. (2008). "Effects of pH buffering on horizontal and ganglion cell light responses in primate retina: evidence for the proton hypothesis of surround formation." *J Neurosci* **28**(2): 456-64.

Del Viva, M. M. and M. Gori (2008). "Anti-Glass patterns and real motion perception: same or different mechanisms?" *J Vis* **8**(2): 1 1-15.

Farooq, S. J., I. Gottlob, et al. (2008). "The effect of aging on torsional optokinetic nystagmus." *Invest Ophthalmol Vis Sci* **49**(2): 589-93.

Fujisaki, W. and S. Nishida (2008). "Top-down feature-based selection of matching features for audio-visual synchrony discrimination." *Neurosci Lett* **433**(3): 225-30.

Gajewski, P. D., P. Stoerig, et al. (2008). "ERP--correlates of response selection in a response conflict paradigm." *Brain Res* **1189**: 127-34.

Hess, R. F., D. H. Baker, et al. (2008). "On the decline of 1st and 2nd order sensitivity with eccentricity." *J Vis* **8**(1): 19 1-12.

Kan, S., M. Misaki, et al. (2008). "Different modulation of medial superior temporal activity across saccades: a functional magnetic resonance imaging study." *Neuroreport* **19**(2): 133-7.

Kandil, F. I. and M. Fahle (2003). "Mechanisms of time-based figure-ground segregation." *Eur J Neurosci* **18**(10): 2874-82.

Kentridge, R. W., T. C. Nijboer, et al. (2008). "Attended but unseen: Visual attention is not sufficient for visual awareness." *Neuropsychologia* **46**(3): 864-9.

Kiryu, T., E. Nomura, et al. (2008). "Time-frequency structure of image motion vectors around cybersickness intervals determined with biosignals." *Displays* **29**(2): 176-183.

Knapp, C. M., I. Gottlob, et al. (2008). "Horizontal and vertical look and stare optokinetic nystagmus symmetry in healthy adult volunteers." Invest Ophthalmol Vis Sci **49**(2): 581-8.

Li, A., B. Tzen, et al. (2008). "Neural basis of 3-D shape aftereffects." Vision Res **48**(2): 244-52.

Li, W., V. Piech, et al. (2008). "Learning to link visual contours." Neuron **57**(3): 442-51.

Morgan, M. J., E. Giora, et al. (2008). "A single "stopwatch" for duration estimation, a single "ruler" for size." J Vis **8**(2): 14 1-8.

Pinto, P. D., J. M. Linhares, et al. (2008). "Correlated color temperature preferred by observers for illumination of artistic paintings." J Opt Soc Am A Opt Image Sci Vis **25**(3): 623-30.

Sahraie, A., C. T. Trevelyan, et al. (2008). "Temporal properties of spatial channel of processing in hemianopia." Neuropsychologia **46**(3): 879-85.

Santer, R. D., Y. Yamawaki, et al. (2008). "Preparing for escape: an examination of the role of the DCMD neuron in locust escape jumps." J Comp Physiol A Neuroethol Sens Neural Behav Physiol **194**(1): 69-77.

Shapiro, A. G. (2008). "Separating color from color contrast." J Vis **8**(1): 8 1-18.

Silva, M. F., S. Maia-Lopes, et al. (2008). "Retinal and cortical patterns of spatial anisotropy in contrast sensitivity tasks." Vision Res **48**(1): 127-35.

Sumner, P., E. J. Anderson, et al. (2008). "Combined orientation and colour information in human V1 for both L-M and S-cone chromatic axes." Neuroimage **39**(2): 814-24.

Tibber, M. S., D. R. Melmoth, et al. (2008). "Biases and sensitivities in the Poggendorff effect when driven by subjective contours." Invest Ophthalmol Vis Sci **49**(1): 474-8.

Tsurusawa, R., Y. Goto, et al. (2008). "Different perceptual sensitivities for Chernoff's face between children and adults." Neurosci Res **60**(2): 176-83.

Yamagishi, N., D. E. Callan, et al. (2008). "Attentional changes in pre-stimulus oscillatory activity within early visual cortex are predictive of human visual performance." Brain Res **1197**: 115-22.

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Anderson, A. J. and A. M. McKendrick (2007). "Quantifying adaptation and fatigue effects in frequency doubling perimetry." Invest Ophthalmol Vis Sci **48**(2): 943-8.

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- Baker, D. H., T. S. Meese, et al. (2007). "Psychophysical evidence for two routes to suppression before binocular summation of signals in human vision." Neuroscience **146**(1): 435-48.
- Bell, J., D. R. Badcock, et al. (2007). "Detection of shape in radial frequency contours: independence of local and global form information." Vision Res **47**(11): 1518-22.
- Bennett, S. J., J. J. Orban de Xivry, et al. (2007). "Target acceleration can be extracted and represented within the predictive drive to ocular pursuit." J Neurophysiol **98**(3): 1405-14.
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- Burton, M. P. and D. J. McKeefry (2007). "Misperceptions of speed for chromatic and luminance grating stimuli." Vision Res **47**(11): 1504-17.
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- Costa, M. F., A. G. Oliveira, et al. (2007). "Red-green color vision impairment in Duchenne muscular dystrophy." Am J Hum Genet **80**(6): 1064-75.
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Evans, S. and P. Azzopardi (2007). "Evaluation of a 'bias-free' measure of awareness." Spat Vis **20**(1-2): 61-77.

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Giora, E. and C. Casco (2007). "Region- and edge-based configurational effects in texture segmentation." Vision Res **47**(7): 879-86.

Guo, K. (2007). "Initial fixation placement in face images is driven by top-down guidance." Exp Brain Res **181**(4): 673-7.

Hammett, S. T., R. A. Champion, et al. (2007). "Perceptual distortions of speed at low luminance: evidence inconsistent with a Bayesian account of speed encoding." Vision Res **47**(4): 564-8.

Hietanen, M. A., N. A. Crowder, et al. (2007). "Contrast gain control is drift-rate dependent: an informational analysis." J Neurophysiol **97**(2): 1078-87.

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Huang, P. C., K. T. Mullen, et al. (2007). "Collinear facilitation in color vision." J Vis **7**(11): 6 1-14.

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