

Zinātniskās publikācijas

1. S. Fomins, M. Ozolinsh, G. Krumina, and V. Karitans. Ferroelectric liquid crystal glasses for amblyopia research. *Integrated Ferroelectrics*, V.103, pp.10-17 (2008).
2. J. M. Bueno, M. Ozolinsh, and G. Ikaunieks, „Scattering and Depolarization in a Polymer Dispersed Liquid Crystal Cell,” *Ferroelectrics*, V.370, pp.18-28 (2008).
3. G. Ikaunieks and M. Ozolinsh. Effect of Light Scattering Simulation in the Eye on Different Color Stimuli Perception. *Proc. IFMBE*, V.20, pp.367-370 (2008).
4. R. Paeglis, A. Spunde, A. Klavinsh, L. Vilkausha, and I. Lacis. Eye Kinematics of Athletes in Non-Familiar Sports Situations. *Proc. IFMBE*, V.20, pp.146-149 (2008).
5. R. Paeglis, A. Kotelnikovs, A. Podniece, and I. Lacis. What Conclusions does Rapid Image Classification by Eye Movements Provide for Machine Vision? *Proc. IFMBE*, V.20, pp.299-302 (2008).
6. V. Karitans, M. Ozolinsh, and G. Kuprisha. Electronic Eye Occluder with Time-Counting and Reflection Control. *Proc. SPIE*, V.7142 (2008).
7. R. Paeglis, I. Gorshanova, K. Bagucka, and I. Lacis. Latvian and Russian Textbooks: Eye Movements in Reading Text Formatted in Two Columns. *Proc. SPIE*, V.7142 (2008).
8. R. Paeglis, I. Jokste, K. Bagucka, and I. Lacis. Eye Movements During Silent and Oral Reading with Stabilized Versus Free Head Movement and Different Eye-Trackers. *Proc. SPIE*, V.7142 (2008).
9. G. Krumina, M. Ozolinsh, G. Ikaunieks. The Perception of Isoluminant Coloured Stimuli of Amblyopic Eye and Defocused Eye. *Proc. SPIE*, V.7142 (2008).
10. S. Fomins, M. Reinfelde, A. Larichev, N. Iroshnikov, A. Gerbreder, M. Ozolinsh. Photoinduced AsSeS Thin Film Phase Plates as Adaptive Optics Mirrors for Eye Aberration Correction. *Proc. SPIE*, V.7142 (2008).
11. G. Ikaunieks, M. Ozolinsh, and S. Fomins. Factors Affecting Intraocular Light Scattering from Different Color Straylight Sources. *Proc. SPIE*, V.7142 (2008).
12. S. Fomins. Masking Study of Instant Stimuli Texture Segmentation. *Perception*, V.37, S80 (2008).
13. M. Ozolinsh, G. Andersson, G. Krumina, and S. Fomins. Spectral and Temporal Characteristics of Liquid Crystal Goggles for Vision Research. *Integrated Ferroelectrics*, V.103, pp.1 – 9 (2009).
14. W. Jaschinski, A. Vede, S. Jainta. Relation between fixation disparity and the asymmetry between convergent and divergent disparity step responses. *Vision Res* 2008, 48(2): pp. 253-263.
15. A. Vede, G. Krūmiņa, J. Fridrihsons, “Optometrijas pamatizmeklēšanas metodes”, *LU Akadēmiskais apgāds*, 192 lpp. (2008).
16. G. Krūmiņa, „Biežāk sastopamās izmaiņas tīklenes perifērajā daļā”, *Oftalmoloģijas žurnāls* sēj.10, 34-41 lpp. (2008).

Ziņojumi konferencēs

1. *International Baltic Sea Region conference "Functional materials and nanotechnologies"*. April 1-4, 2008, Riga, Latvia.
2. *14th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics: NBC 2008*. 16-20 June 2008. Riga, Latvia.
3. „*Developments in Optics and Communications*”, Riga, April 24 - 26, 2009.
4. *4th European Meeting in Visual & Physiological Optics*. Heraklion, Crete, 31 Aug.-2 Sept., 2008.

5. *The 6th International Conference "Advanced Optical Materials and Devices"*, 24-27 August 2008, Riga, Latvia.
6. *ECVP-2008*. Utrecht. The Netherlands, Aug. 2008.
7. Annual *OSA-Vision*, Rochester, Oct. 2008.
8. *13th Applied Vision Association Meeting*, Bristol, Dec. 2008.