

Seong-Il Lee

List of Publications by Year in descending order

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187
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Predicting Visual Discomfort Using Object Size and Disparity Information in Stereoscopic Images. IEEE Transactions on Broadcasting, 2013, 59, 28-37. | 3.2 | 72 |
| 2 | Predicting Visual Discomfort of Stereoscopic Images Using Human Attention Model. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 2077-2082. | 8.3 | 71 |
| 3 | Visual Importance- and Discomfort Region-Selective Low-Pass Filtering for Reducing Visual Discomfort in Stereoscopic Displays. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1408-1421. | 8.3 | 35 |
| 4 | Quantitative measurement of binocular color fusion limit for non-spectral colors. Optics Express, 2011, 19, 7325. | 3.4 | 33 |
| 5 | Attention model-based visual comfort assessment for stereoscopic depth perception. , 2011, , . | | 30 |
| 6 | Visual comfort improvement in stereoscopic 3D displays using perceptually plausible assessment metric of visual comfort. IEEE Transactions on Consumer Electronics, 2014, 60, 1-9. | 3.6 | 30 |
| 7 | Visual Comfort Amelioration Technique for Stereoscopic Images: Disparity Remapping to Mitigate Global and Local Discomfort Causes. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 745-758. | 8.3 | 26 |
| 8 | Effect of Stimulus Width on the Perceived Visual Discomfort in Viewing Stereoscopic 3-D-TV. IEEE Transactions on Broadcasting, 2013, 59, 580-590. | 3.2 | 18 |
| 9 | Visual discomfort induced by fast salient object motion in stereoscopic video. Proceedings of SPIE, 2011, , . | 0.8 | 12 |
| 10 | Towards a Physiology-Based Measure of Visual Discomfort: Brain Activity Measurement While Viewing Stereoscopic Images With Different Screen Disparities. Journal of Display Technology, 2015, 11, 730-743. | 1.2 | 12 |
| 11 | Subjective and objective measurements of visual fatigue induced by excessive disparities in stereoscopic images. Proceedings of SPIE, 2013, , . | 0.8 | 9 |
| 12 | Experimental investigation of the effect of binocular disparity on the visibility threshold of asymmetric noise in stereoscopic viewing. Optics Express, 2016, 24, 19607. | 3.4 | 4 |
| 13 | Experimental investigation of facial expressions associated with visual discomfort: Feasibility study toward an objective measurement of visual discomfort based on facial expression. Journal of Display Technology, 2016, 12, 1785-1797. | 1.2 | 4 |
| 14 | Experimental investigation of discomfort combination: toward visual discomfort prediction for stereoscopic videos. Journal of Electronic Imaging, 2014, 23, 011003. | 0.9 | 2 |
| 15 | Visualizing the Perceived Discomfort of Stereoscopic Video. , 2012, , . | | 0 |
| 16 | Crosstalk reduction in stereoscopic displays: A combined approach of disparity adjustment and crosstalk cancellation. , 2013, , . | | 0 |