Seong-Il Lee

List of Publications by Year
in descending order

16 papers	358 citations	1040056 9 h-index	1125743 13 g-index
16 all docs	16 docs citations	16 times ranked	187 citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Experimental investigation of discomfort combination: toward visual discomfort prediction for stereoscopic videos. Journal of Electronic Imaging, 2014, 23, 011003.	0.9	2
5	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
6	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
7	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
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	Subjective and objective measurements of visual fatigue induced by excessive disparities in stereoscopic images. Proceedings of SPIE, 2013, , .	0.8	9
10	Crosstalk reduction in stereoscopic displays: A combined approach of disparity adjustment and crosstalk cancellation. , 2013, , .		0
11	Predicting Visual Discomfort Using Object Size and Disparity Information in Stereoscopic Images. IEEE Transactions on Broadcasting, 2013, 59, 28-37.	3.2	72
12	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
13	Visualizing the Perceived Discomfort of Stereoscopic Video. , 2012, , .		0
14	Attention model-based visual comfort assessment for stereoscopic depth perception. , 2011, , .		30
15	Visual discomfort induced by fast salient object motion in stereoscopic video. Proceedings of SPIE, 2011, , .	0.8	12
16	Quantitative measurement of binocular color fusion limit for non-spectral colors. Optics Express, 2011, 19, 7325.	3.4	33