Hosik Sohn

List of Publications by Year
in descending order

21 papers	503 citations	759233 12 h-index	1058476 14 g-index
21 all docs	21 docs citations	21 times ranked	330 citing authors

#	Article	IF	Citations
1	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
2	Inter-view consistent hole filling in view extrapolation for multi-view image generation. , 2014, , .		16
3	Local disparity remapping to enhance depth quality of stereoscopic 3D images using stereoacuity function. Proceedings of SPIE, 2014, , .	0.8	1
4	Crosstalk reduction in stereoscopic 3D displays: Disparity adjustment using crosstalk visibility index for crosstalk cancellation. Optics Express, 2014, 22, 3375.	3.4	15
5	Experimental investigation of discomfort combination: toward visual discomfort prediction for stereoscopic videos. Journal of Electronic Imaging, 2014, 23, 011003.	0.9	2
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	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
9	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
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	Visual discomfort visualizer using stereo vision and time-of-flight depth cameras. IEEE Transactions on Consumer Electronics, 2012, 58, 246-254.	3.6	12
14	Visualizing the Perceived Discomfort of Stereoscopic Video. , 2012, , .		0
15	Contribution of Non-scrambled Chroma Information in Privacy-Protected Face Images to Privacy Leakage. Lecture Notes in Computer Science, 2012, , 453-467.	1.3	0
16	Privacy Protection in Video Surveillance Systems: Analysis of Subband-Adaptive Scrambling in JPEG XR. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 170-177.	8.3	67
17	Quantitative measurement of binocular color fusion limit for non-spectral colors. Optics Express, 2011, 19, 7325.	3.4	33
18	Full-Reference Video Quality Metric for Fully Scalable and Mobile SVC Content. IEEE Transactions on Broadcasting, 2010, 56, 269-280.	3.2	51

#	Article	IF	Citations
19	Region-of-interest scrambling for scalable surveillance video using JPEG XR. , 2009, , .		10
20	Biometric authentication using augmented face and random projection. , 2009, , .		4
21	Privacy Protection in Video Surveillance Systems Using Scalable Video Coding. , 2009, , .		28