Visual fatigue and discomfort after stereoscopic display

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Citation Report

#	Article	IF	Citations
1	Effect of mental fatigue caused by mobile 3D viewing on selective attention: An ERP study. International Journal of Psychophysiology, 2014, 94, 373-381.	0.5	37
2	The impact of ambient illumination on visual fatigue while watching TV. , 2015, , .		2
3	Change of subjective and ophthalmological fatigue during long-term VDT work. , 2015, , .		2
4	The impact of 3D and 2D TV watching on neurophysiological responses and cognitive functioning in adults. European Journal of Public Health, 2015, 25, 1047-1052.	0.1	7
5	A Comparative Study of Distinct Ocular Symptoms After Performing Laparoscopic Surgical Tasks Using a Three-Dimensional Surgical Imaging System and a Conventional Two-Dimensional Surgical Imaging System. Journal of Endourology, 2015, 29, 816-820.	1.1	24
6	Methods for reducing visual discomfort in stereoscopic 3D: A review. Signal Processing: Image Communication, 2016, 47, 402-416.	1.8	43
7	Stereoscopic (3D) versus monoscopic (2D) laparoscopy: comparative study of performance using advanced HD optical systems in a surgical simulator model. World Journal of Urology, 2016, 34, 471-477.	1.2	27
8	Visual fatigue following long-term visual display terminal work under different light sources. Lighting Research and Technology, 2017, 49, 1034-1051.	1.2	19
9	Effect of Illumination on Ocular Status Modifications Induced by Short-Term 3D TV Viewing. Neural Plasticity, 2017, 2017, 1-9.	1.0	0
10	Visual, musculoskeletal and balance symptoms in individuals with visual impairment. Australasian journal of optometry, The, 2019, 102, 63-69.	0.6	12
11	Maskless Fabrication of Film-Patterned-Retarder (FPR) Using Wedged Liquid Crystal Cell. IEEE Photonics Journal, 2019, 11, 1-8.	1.0	3
12	Subtitle Region Selection of S3D Images in Consideration of Visual Discomfort and Viewing Habit. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-16.	3.0	4
13	Effects of display technologies on operation performances and visual fatigue. Displays, 2019, 57, 34-46.	2.0	10
14	A Simulator-based Comparison of a Novel 3D and a Conventional 3D Vision System-surgical Performance and Subjective Ratings. Inventions, 2019, 4, 58.	1.3	1
15	Augmented visualization with depth perception cues to improve the surgeonâ€™s performance in minimally invasive surgery. Medical and Biological Engineering and Computing, 2019, 57, 995-1013.	1.6	42
16	Probabilistic assessment of visual fatigue caused by stereoscopy using dynamic Bayesian networks. Acta Ophthalmologica, 2019, 97, e435-e441.	0.6	3
17	Utility of digitally assisted vitreoretinal surgery systems (DAVS) for high-volume vitreoretinal surgery centre: a pilot study. British Journal of Ophthalmology, 2020, 104, 432-436.	2.1	15
18	How Wide Is Enough? Effects of Screen Height, Task Type, and Hand Length on Rollable Display Requirements. IEEE Access, 2021, 9, 121076-121086.	2.6	0

#	Article	IF	Citations
19	Effects of Virtual Reality Head-mounted Displays on Oculomotor Functions. International Journal of Ophthalmology & Visual Science, 2021, 6, 10.	0.0	8
20	24.1: Invited Paper: Effect of stereoscopic depth on visual fatigue. Digest of Technical Papers SID International Symposium, 2021, 52, 151-154.	0.1	1
21	Laptop displays performance: Compliance assessment with visual ergonomics requirements. Displays, 2021, 68, 102019.	2.0	3
22	VITOM 3D System in Parotid Gland Surgery: Our Experience. Journal of Craniofacial Surgery, 2021, 32, e138-e141.	0.3	8
23	The effect of ambient light source and display type on visual fatigue. , 2016, , .		3
24	The Trend of Three Dimensional Image Technology. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2013, 67, 46-52.	0.0	0
25	Study on Issues of Visual Fatigue of Display Devices. , 2014, , .		1
26	The Trend of Three Dimensional Image Technology. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2015, 69, 76-82.	0.0	0
27	Changes in Accommodative Function and Subjective Symptoms following Computer Gaming according to the Active Components of Artificial Tears. Journal of Korean Ophthalmic Optics Society, 2019, 24, 323-333.	0.3	0
28	Digitalization versus immersion: performance and subjective evaluation of 3D perception with emulated accommodation and parallax in digital microsurgery. Journal of Biomedical Optics, 2019, 24, 1.	1.4	3
29	Stereoscopic Three-dimensional Optic Flow Distortions Caused by Mismatches Between Image Acquisition and Display Parameters. Journal of Imaging Science and Technology, 2019, 63, 060412-1-060412-7.	0.3	6
30	Study of the Immediate Effects of Autostereoscopic 3D Visual Training on the Accommodative Functions of Myopes. , 2022, 63, 9.		4
31	An Optimal Visual Fatigue Relief Method for Workers Considering Rest Time Allocation. IEEE Access, 2022, 10, 26463-26470.	2.6	0
33	Virtual reality training improves accommodative facility and accommodative range. International Journal of Ophthalmology, 2022, 15, 1116-1121.	0.5	1