Risto Nasanen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12001419/publications.pdf

Version: 2024-02-01

48	2,375	236612	214527
papers	citations	25 h-index	47 g-index

48	48	48	1500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using traditional glass plate holograms to study visual perception of future digital holographic displays. , 2016, , .		1
2	Enhancement of three-dimensional perception of numerical hologram reconstructions of real-world objects by motion and stereo. Optics Express, 2011, 19, 16075.	1.7	6
3	Holographic display of synthetic 3D dynamic scene. 3D Research, 2010, 1, 31.	1.8	6
4	Synthesis and display of dynamic holographic 3D scenes with real-world objects. Optics Express, 2010, 18, 8806.	1.7	118
5	Effects of Saccade Length and Target Luminance on the Refresh Frequency Threshold for the Visibility of Color Break-Up. Journal of Display Technology, 2008, 4, 81-85.	1.3	11
6	Colour vision defects in occupational chronic solvent encephalopathy. Human and Experimental Toxicology, 2007, 26, 375-384.	1.1	14
7	Face recognition and cortical responses: Effect of stimulus duration. NeuroImage, 2007, 35, 1636-1644.	2.1	31
8	Visual search and eye movements in patients with chronic solvent-induced toxic encephalopathy. NeuroToxicology, 2006, 27, 1013-1023.	1.4	5
9	How age affects the speed of perception of computer icons. Displays, 2006, 27, 170-177.	2.0	30
10	Estimation of temporal resolution of object identification in human vision. Experimental Brain Research, 2006, 172, 464-471.	0.7	24
11	Face Recognition and Cortical Responses Show Similar Sensitivity to Noise Spatial Frequency. Cerebral Cortex, 2005, 15, 526-534.	1.6	99
12	Effects of long-term occupational solvent exposure on contrast sensitivity and performance in visual search. Environmental Toxicology and Pharmacology, 2005, 19, 497-504.	2.0	9
13	How Many Faces Can Be Processed during a Single Eye Fixation?. Perception, 2004, 33, 67-77.	0.5	7
14	Effects of luminance and colour contrast on the search of information on display devices. Displays, 2003, 24, 167-178.	2.0	45
15	Effect of image contrast and sharpness on visual search for computer icons. Displays, 2003, 24, 137-144.	2.0	39
16	The effect of icon spacing and size on the speed of icon processing in the human visual system. Displays, 2003, 24, 111-120.	2.0	79
17	Utilisation of spatial frequency information in face search. Vision Research, 2003, 43, 2505-2515.	0.7	29
18	Eye movements in the visual search of word lists. Vision Research, 2002, 42, 1499-1512.	0.7	59

#	Article	IF	Citations
19	Identification of facial images in peripheral vision. Vision Research, 2001, 41, 599-610.	0.7	69
20	Effect of stimulus contrast on performance and eye movements in visual search. Vision Research, 2001, 41, 1817-1824.	0.7	88
21	Display quality and the speed of visual letter search. Displays, 2001, 22, 107-113.	2.0	42
22	Contrast matching across spatial frequencies for isoluminant chromatic gratings. Vision Research, 2000, 40, 2159-2165.	0.7	11
23	Flicker sensitivity as a function of target area with and without temporal noise. Vision Research, 2000, 40, 3841-3851.	0.7	10
24	Spatial-frequency bandwidth of perceived contrast. Vision Research, 1999, 39, 3399-3403.	0.7	8
25	Spatial frequency bandwidth used in the recognition of facial images. Vision Research, 1999, 39, 3824-3833.	0.7	260
26	Contrast restoration model for contrast matching of cosine gratings of various spatial frequencies and areas. Ophthalmic and Physiological Optics, 1998, 18, 269-278.	1.0	3
27	Recognition of band-pass filtered hand-written numerals in foveal and peripheral vision. Vision Research, 1998, 38, 3691-3701.	0.7	16
28	Effect of Image Orientation Contents on Detection Efficiency. Vision Research, 1997, 37, 1025-1032.	0.7	3
29	Transition from DeVries-Rose to Weber's law: Reply to GarcÃa-PÃ©rez and Peli (1997). Vision Research, 1997, 37, 2576-2578.	0.7	1
30	A New Psychophysical Method for Determining the Photopic Spectral-luminosity Function of the Human Eye. Vision Research, 1996, 36, 2675-2680.	0.7	7
31	Neural modulation transfer function of the human visual system at various eccentricities. Vision Research, 1995, 35, 767-774.	0.7	28
32	Modelling the increase of contrast sensitivity with grating area and exposure time. Vision Research, 1995, 35, 2339-2346.	0.7	18
33	Relationship between spatial integration and spatial spread of contrast energy in detection. Vision Research, 1994, 34, 949-954.	0.7	9
34	Modelling contrast sensitivity as a function of retinal illuminance and grating area. Vision Research, 1994, 34, 1301-1314.	0.7	75
35	Two simple psychophysical methods for determining the optical modulation transfer function of the human eye. Vision Research, 1994, 34, 2493-2502.	0.7	16
36	Contrast matching of two-dimensional compound gratings. Vision Research, 1994, 34, 1157-1163.	0.7	26

#	Article	IF	Citations
37	Modelling the dependence of contrast sensitivity on grating area and spatial frequency. Vision Research, 1993, 33, 2773-2788.	0.7	101
38	The effects of grating area and spatial frequency on contrast sensitivity as a function of light level. Vision Research, 1993, 33, 2065-2072.	0.7	51
39	Michelson contrast, RMS contrast and energy of various spatial stimuli at threshold. Vision Research, 1993, 33, 1431-1436.	0.7	64
40	Spatial integration of band-pass filtered patterns in noise. Vision Research, 1993, 33, 903-911.	0.7	31
41	Effects of luminance and exposure time on contrast sensitivity in spatial noise. Vision Research, 1993, 33, 1123-1129.	0.7	25
42	Contrast sensitivity as a function of spatial frequency, viewing distance and eccentricity with and without spatial noise. Vision Research, 1992, 32, 631-637.	0.7	71
43	Clinical assessment of contrast sensitivity. Acta Ophthalmologica, 1990, 68, 83-89.	0.6	1
44	Cortical magnification and peripheral vision. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1987, 4, 1568.	0.8	133
45	Visibility of halftone dot textures. IEEE Transactions on Systems, Man, and Cybernetics, 1984, SMC-14, 920-924.	0.9	89
46	CONTRAST SENSITIVITY IN MONOCULAR GLAUCOMA. Acta Ophthalmologica, 1983, 61, 742-750.	0.6	9
47	Temporal contrast sensitivity and cortical magnification. Vision Research, 1982, 22, 1211-1217.	0.7	129
48	Cortical magnification factor predicts the photopic contrast sensitivity of peripheral vision. Nature, 1978, 271, 54-56.	13.7	369