

Laurie M Wilcox

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9597519/publications.pdf>

Version: 2024-02-01

99
papers

1,295
citations

430442

18
h-index

414034

32
g-index

99
all docs

99
docs citations

99
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceived depth modulates perceptual resolution. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 455-466.	1.4	3
2	Stereoscopic depth constancy for physical objects and their virtual counterparts. <i>Journal of Vision</i> , 2022, 22, 9.	0.1	4
3	75â€™2: The Effect of Chromatic Aberration Correction on Visually Lossless Compression. <i>Digest of Technical Papers SID International Symposium</i> , 2022, 53, 1013-1016.	0.1	0
4	Shape judgments in natural scenes: Convexity biases versus stereopsis. <i>Journal of Vision</i> , 2022, 22, 6.	0.1	0
5	Effects of Motion Picture Frame Rate on Material and Texture Appearance. <i>IEEE Transactions on Broadcasting</i> , 2021, 67, 360-371.	2.5	2
6	Stereoscopic depth constancy from a different direction. <i>Vision Research</i> , 2021, 178, 70-78.	0.7	3
7	The relationship between reflex eye realignment and the percept of single vision in young children. <i>Scientific Reports</i> , 2021, 11, 375.	1.6	2
8	Subjective assessment of display stream compression for stereoscopic imagery. <i>Journal of the Society for Information Display</i> , 2021, 29, 591-607.	0.8	6
9	Surface slant impairs disparity discontinuity discrimination. <i>Vision Research</i> , 2021, 180, 37-50.	0.7	2
10	Cue vetoing in depth estimation: Physical and virtual stimuli. <i>Vision Research</i> , 2021, 188, 51-64.	0.7	4
11	Contributions of Stereopsis and Aviation Experience to Simulated Rotary Wing Altitude Estimation. <i>Human Factors</i> , 2020, 62, 812-824.	2.1	0
12	Subjective Assessment of Stereoscopic Image Quality: The Impact of Visually Lossless Compression. , 2020, , .		5
13	Perceived depth modulates the precision of visual processing. <i>Journal of Vision</i> , 2020, 20, 1179.	0.1	0
14	Validity Testing the NeuLog Galvanic Skin Response Device. , 2020, , .		0
15	Optical distortions in VR bias the perceived slant of moving surfaces. , 2020, , .		5
16	The impact of retinal motion on stereoacuity for physical targets. <i>Vision Research</i> , 2019, 161, 43-51.	0.7	1
17	3â€™4: Stereoscopic Image Quality Assessment. <i>Digest of Technical Papers SID International Symposium</i> , 2019, 50, 13-16.	0.1	4
18	Effects of frame rate on vection and postural sway. <i>Displays</i> , 2019, 58, 33-43.	2.0	8

#	ARTICLE	IF	CITATIONS
19	Monovision: Consequences for depth perception from large disparities. <i>Experimental Eye Research</i> , 2019, 183, 62-67.	1.2	14
20	Perceived shape from motion parallax and stereopsis in physical and virtual objects. <i>Journal of Vision</i> , 2019, 19, 89c.	0.1	0
21	Slant perception in the presence of curvature distortion. <i>Journal of Vision</i> , 2019, 19, 222a.	0.1	0
22	The Impact of Radial Distortions in VR Headsets on Perceived Surface Slant. <i>Journal of Imaging Science and Technology</i> , 2019, 63, 060409-1-060409-11.	0.3	6
23	Optimal combination of illusory and luminance-defined 3-D surfaces: A role for ambiguity. <i>Journal of Vision</i> , 2018, 18, 14.	0.1	0
24	P: A Statistical Paradigm for Assessment of Subjective Image Quality Results. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 1312-1314.	0.1	5
25	85: Visually Lossless Compression of High Dynamic Range Images: A Large&#Scale Evaluation. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 1151-1154.	0.1	7
26	Perspectives on the definition of visually lossless quality for mobile and large format displays. <i>Journal of Electronic Imaging</i> , 2018, 27, 1.	0.5	7
27	Depth constancy for virtual and physical objects. <i>Journal of Vision</i> , 2018, 18, 508.	0.1	0
28	Disparity configuration influences depth discrimination in na&#ve adults, but not in children. <i>Vision Research</i> , 2017, 131, 106-119.	0.7	4
29	75: <i>Invited Paper</i>: Large Scale Subjective Evaluation of Display Stream Compression. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 1101-1104.	0.1	11
30	Estimation of Altitude in Stereoscopic-3D Versus 2D Real-world Scenes. <i>IS&T International Symposium on Electronic Imaging</i> , 2017, 2017, 41-47.	0.3	2
31	Paper: Expert Viewers' Preferences for Higher Frame Rate 3D Film. <i>IS&T International Symposium on Electronic Imaging</i> , 2017, 2017, 20-28.	0.3	1
32	On the combination of illusory and luminance-defined stereoscopic surfaces. <i>Journal of Vision</i> , 2017, 17, 1054.	0.1	0
33	Effects of motion picture frame rate on material and texture appearance. <i>Journal of Vision</i> , 2017, 17, 418.	0.1	1
34	Distortions in perceived depth magnitude for stereoscopic surfaces. <i>Journal of Vision</i> , 2017, 17, 317.	0.1	0
35	The impact of object-based grouping on perceived depth magnitude: Virtual vs. physical targets. <i>Journal of Vision</i> , 2017, 17, 156.	0.1	0
36	The contribution of monocular and binocular cues to altitude estimation in aircrew. <i>Journal of Vision</i> , 2017, 17, 42.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Paper: Expert Viewers's Preferences for Higher Frame Rate 3D Film. Journal of Imaging Science and Technology, 2016, 60, 604021-604029.	0.3	10
38	The effects of depth warping on perceived acceleration in stereoscopic animation. , 2016, , .		0
39	Perceived three-dimensional shape toggles perceived glow. Current Biology, 2016, 26, R350-R351.	1.8	7
40	Depth magnitude from stereopsis: Assessment techniques and the role of experience. Vision Research, 2016, 125, 64-75.	0.7	18
41	Size matters: Perceived depth magnitude varies with stimulus height. Vision Research, 2016, 123, 41-45.	0.7	1
42	Vergence responses to fine and coarse disparities: Adult-like tuning functions at 5 years of age. Journal of Vision, 2016, 16, 841.	0.1	1
43	Perceptual grouping via binocular disparity: The impact of stereoscopic good continuation. Journal of Vision, 2015, 15, 11.	0.1	10
44	Evaluation of the impact of high frame rates on legibility in S3D film. , 2015, , .		1
45	Perceptual Tolerance to Stereoscopic 3D Image Distortion. ACM Transactions on Applied Perception, 2015, 12, 1-20.	1.2	9
46	Preference for motion and depth in 3D film. , 2015, , .		0
47	Evidence that Viewers Prefer Higher Frame-Rate Film. ACM Transactions on Applied Perception, 2015, 12, 1-12.	1.2	21
48	A computational theory of da Vinci stereopsis. Journal of Vision, 2014, 14, 5-5.	0.1	14
49	Gestalt grouping via closure degrades suprathreshold depth percepts. Journal of Vision, 2014, 14, 14-14.	0.1	15
50	Effects of Long-Term Exposure on Sensitivity and Comfort with Stereoscopic Displays. ACM Transactions on Applied Perception, 2014, 11, 1-13.	1.2	6
51	Vergence eye movements are not essential for stereoscopic depth. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132118.	1.2	13
52	On the typical development of stereopsis: Fine and coarse processing. Vision Research, 2013, 89, 65-71.	0.7	52
53	Audio-visual integration in stereoscopic 3D. , 2013, , .		1
54	Sparing of coarse stereopsis in stereodeficient children with a history of amblyopia. Journal of Vision, 2013, 13, 17-17.	0.1	36

#	ARTICLE	IF	CITATIONS
55	Perceptual artefacts, suspension of disbelief and realism in stereoscopic 3D film. <i>Public</i> , 2013, 24, 149-160.	0.0	30
56	Da Vinci decoded: Does da Vinci stereopsis rely on disparity?. <i>Journal of Vision</i> , 2012, 12, 2-2.	0.1	14
57	Crosstalk reduces the amount of depth seen in 3D images of natural scenes. , 2012, , .		2
58	Effect of crosstalk on depth magnitude in thin structures. <i>Journal of Electronic Imaging</i> , 2012, 21, 011003.	0.5	10
59	Motion in depth constancy in stereoscopic displays. , 2012, , .		1
60	Visibility of Color Breakup Phenomena in Displays Based on Narrowband Spectral Sources. <i>Journal of Display Technology</i> , 2012, 8, 186-193.	1.3	0
61	3D display size matters: Compensating for the perceptual effects of S3D display scaling. , 2012, , .		5
62	Perceptual asymmetry reveals neural substrates underlying stereoscopic transparency. <i>Vision Research</i> , 2012, 54, 1-11.	0.7	15
63	The Effect of Crosstalk on the Perceived Depth From Disparity and Monocular Occlusions. <i>IEEE Transactions on Broadcasting</i> , 2011, 57, 445-453.	2.5	63
64	Disparity biasing in depth from monocular occlusions. <i>Vision Research</i> , 2011, 51, 1699-1711.	0.7	9
65	The effect of crosstalk on depth magnitude in thin structures. , 2011, , .		4
66	On the distinction between perceived & predicted depth in S3D films. , 2011, , .		1
67	Distortions of Space in Stereoscopic 3D Content. , 2011, , .		3
68	Sensitivity to Monocular Occlusions in Stereoscopic Imagery: Implications for S3D Content Creation, Distribution and Exhibition. , 2010, , .		2
69	Perceptual Artifacts in Random-Dot Stereograms. <i>Perception</i> , 2010, 39, 349-355.	0.5	7
70	75.3: Is Brighter Always Better? The Effects of Display and Ambient Luminance on Preferences for Digital Signage. <i>Digest of Technical Papers SID International Symposium</i> , 2010, 41, 1116-1119.	0.1	14
71	Mental rotation: Cross-task training and generalization.. <i>Journal of Experimental Psychology: Applied</i> , 2010, 16, 349-360.	0.9	40
72	Monocular occlusions determine the perceived shape and depth of occluding surfaces. <i>Journal of Vision</i> , 2010, 10, 11-11.	0.1	19

#	ARTICLE	IF	CITATIONS
73	A reevaluation of the tolerance to vertical misalignment in stereopsis. <i>Journal of Vision</i> , 2009, 9, 1-1.	0.1	23
74	Coarse-fine dichotomies in human stereopsis. <i>Vision Research</i> , 2009, 49, 2653-2665.	0.7	74
75	The role of monocularly visible regions in depth and surface perception. <i>Vision Research</i> , 2009, 49, 2666-2685.	0.7	67
76	The transient nature of 2nd-order stereopsis. <i>Vision Research</i> , 2008, 48, 1327-1334.	0.7	17
77	Stereoscopic transparency: Constraints on the perception of multiple surfaces. <i>Journal of Vision</i> , 2008, 8, 5.	0.1	39
78	The intrinsic constraint approach to cue combination: An empirical and theoretical evaluation. <i>Journal of Vision</i> , 2008, 8, 5-5.	0.1	10
79	Effects of image intensifier halo on perceived layout. , 2007, , .		1
80	Depth from Binocular Half-Occlusions in Stereoscopic Images of Natural Scenes. <i>Perception</i> , 2007, 36, 830-839.	0.5	17
81	The role of binocular stereopsis in monoptic depth perception. <i>Vision Research</i> , 2007, 47, 2367-2377.	0.7	15
82	Stereo dynamics are not scale-dependent. <i>Vision Research</i> , 2006, 46, 1911-1923.	0.7	5
83	Personal space in virtual reality. <i>ACM Transactions on Applied Perception</i> , 2006, 3, 412-428.	1.2	94
84	Spatial and Temporal Properties of Stereoscopic Surface Interpolation. <i>Perception</i> , 2005, 34, 1325-1338.	0.5	12
85	Adaptation to vertical disparity induced-depth: implications for disparity processing. <i>Vision Research</i> , 2003, 43, 135-147.	0.7	10
86	Stereoscopic Surface Interpolation Supports Lightness Constancy. <i>Psychological Science</i> , 2003, 14, 525-525.	1.8	5
87	Determinants of perceived image quality: ghosting vs. brightness. , 2003, , .		9
88	<title>Viewing stereoscopic images comfortably: the effects of whole-field vertical disparity</title>. , 2002, , .		10
89	The effects of blur and size on monocular and stereoscopic localization. <i>Vision Research</i> , 2000, 40, 3575-3584.	0.7	12
90	First and second-order contributions to surface interpolation. <i>Vision Research</i> , 1999, 39, 2335-2347.	0.7	15

#	ARTICLE	IF	CITATIONS
91	When stereopsis does not improve with increasing contrast. Portions of this work were presented at The European Conference on Visual Perception, Helsinki, 1997.1. Vision Research, 1998, 38, 3671-3679.	0.7	21
92	Scale selection for second-order (non-linear) stereopsis. Vision Research, 1997, 37, 2981-2992.	0.7	37
93	Is the site of non-linear filtering in stereopsis before or after binocular combination?. Vision Research, 1996, 36, 391-399.	0.7	54
94	The effect of dark and equiluminant occlusion on the interocular transfer of visual aftereffects. Vision Research, 1996, 36, 707-715.	0.7	11
95	Dmax for stereopsis depends on size, not spatial frequency content. Vision Research, 1995, 35, 1061-1069.	0.7	67
96	Linear and non-linear filtering in stereopsis. Vision Research, 1994, 34, 2431-2438.	0.7	96
97	On the Contribution of a Binocular AND Channel at Contrast Threshold. Perception, 1994, 23, 659-669.	0.5	0
98	Measurement of Visual Aftereffects and Inferences about Binocular Mechanisms in Human Vision. Perception, 1990, 19, 43-55.	0.5	5
99	On the evidence for a 'pure' binocular process in human vision. Spatial Vision, 1989, 4, 1-15.	1.4	8