

Lawrence K Cormack

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

700
citations

759233

12
h-index

580821

25
g-index

39
all docs

39
docs citations

39
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	Interocular correlation, luminance contrast and cyclopean processing. <i>Vision Research</i> , 1991, 31, 2195-2207.	1.4	132
2	Disparity- and velocity-based signals for three-dimensional motion perception in human MT+. <i>Nature Neuroscience</i> , 2009, 12, 1050-1055.	14.8	104
3	Area MT Encodes Three-Dimensional Motion. <i>Journal of Neuroscience</i> , 2014, 34, 15522-15533.	3.6	68
4	Strong percepts of motion through depth without strong percepts of position in depth. <i>Journal of Vision</i> , 2008, 8, 6.	0.3	44
5	Disparity-tuned channels of the human visual system. <i>Visual Neuroscience</i> , 1993, 10, 585-596.	1.0	42
6	Speed and Eccentricity Tuning Reveal a Central Role for the Velocity-Based Cue to 3D Visual Motion. <i>Journal of Neurophysiology</i> , 2010, 104, 2886-2899.	1.8	42
7	Binocular Mechanisms of 3D Motion Processing. <i>Annual Review of Vision Science</i> , 2017, 3, 297-318.	4.4	33
8	Asymmetries and errors in perception of depth from disparity suggest a multicomponent model of disparity processing. <i>Perception & Psychophysics</i> , 1997, 59, 219-231.	2.3	32
9	Three-dimensional motion aftereffects reveal distinct direction-selective mechanisms for binocular processing of motion through depth. <i>Journal of Vision</i> , 2011, 11, 18-18.	0.3	24
10	Dynamic mechanisms of visually guided 3D motion tracking. <i>Journal of Neurophysiology</i> , 2017, 118, 1515-1531.	1.8	23
11	A Distinct Mechanism of Temporal Integration for Motion through Depth. <i>Journal of Neuroscience</i> , 2015, 35, 10212-10216.	3.6	21
12	Separate Perceptual and Neural Processing of Velocity- and Disparity-Based 3D Motion Signals. <i>Journal of Neuroscience</i> , 2016, 36, 10791-10802.	3.6	13
13	Daily consumption of methylene blue reduces attentional deficits and dopamine reduction in a 6-OHDA model of Parkinson's disease. <i>Neuroscience</i> , 2017, 359, 8-16.	2.3	12
14	Full-reference quality assessment of stereoscopic images by modeling binocular rivalry. , 2012, , .		11
15	Negative Affect-Associated <sc>USV</sc> Acoustic Characteristics Predict Future Excessive Alcohol Drinking and Alcohol Avoidance in Male P and <sc>NP</sc> Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 786-797.	2.4	10
16	Effects of endocrine-disrupting chemicals on hypothalamic oxytocin and vasopressin systems. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, 337, 75-87.	1.9	10
17	Active, Foveated, Uncalibrated Stereovision. <i>International Journal of Computer Vision</i> , 2009, 85, 192-207.	15.6	9
18	To CD or not to CD: Is there a 3D motion aftereffect based on changing disparities?. <i>Journal of Vision</i> , 2012, 12, 7-7.	0.3	9

#	ARTICLE	IF	CITATIONS
19	Reconsolidation-Extinction Interactions in Fear Memory Attenuation: The Role of Inter-Trial Interval Variability. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 2.	2.0	8
20	Bayesian depth estimation from monocular natural images. <i>Journal of Vision</i> , 2017, 17, 22.	0.3	8
21	Distortion conspicuity on stereoscopically viewed 3D images may correlate to scene content and distortion type. <i>Journal of the Society for Information Display</i> , 2013, 21, 491-503.	2.1	7
22	Eccentricity effect of motion silencing on naturalistic videos. , 2015, , .		6
23	Recent understanding of binocular vision in the natural environment with clinical implications. <i>Progress in Retinal and Eye Research</i> , 2022, 88, 101014.	15.5	6
24	Automatic prediction of saliency on JPEG distorted images. , 2011, , .		5
25	Depth estimation from monocular color images using natural scene statistics models. , 2013, , .		4
26	Dynamics of Motion Induced Position Shifts Revealed by Continuous Tracking. <i>Journal of Vision</i> , 2019, 19, 294c.	0.3	3
27	Stereo slant discrimination of planar 3D surfaces: Frontoparallel versus planar matching. <i>Journal of Vision</i> , 2022, 22, 6.	0.3	3
28	Epipolar Spaces for Active Binocular Vision Systems. , 2007, , .		1
29	Stereoscopic Phase-Differencing: Multiscale Synthesis. , 2008, , .		1
30	New bivariate statistical model of natural image correlations. , 2014, , .		1
31	Visibility prediction of flicker distortions on naturalistic videos. , 2014, , .		1
32	Eye-specific pattern-motion signals support the perception of three-dimensional motion. <i>Journal of Vision</i> , 2019, 19, 27.	0.3	1
33	Spatiotemporal integration of isolated binocular three-dimensional motion cues. <i>Journal of Vision</i> , 2021, 21, 2.	0.3	1
34	Epipolar Spaces and Optimal Sampling Strategies. , 2007, , .		0
35	Eccentricity Dependence of Motion Induced Position Shifts Revealed by Continuous Motion Nulling. <i>Journal of Vision</i> , 2021, 21, 2414.	0.3	0
36	Stereo Slant Estimation of Planar Surfaces: Standard Cross-Correlation vs. Planar-Correlation. <i>Journal of Vision</i> , 2018, 18, 132.	0.3	0

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37	Continuous Tracking of Motion Induced Position Shifts. <i>Journal of Vision</i> , 2019, 19, 92.	0.3	0
38	Contributed Session III: Target tracking shows that millisecond-scale visual delays are faithfully preserved in the movement of the hand. <i>Journal of Vision</i> , 2022, 22, 31.	0.3	0