Laurence R Harris

List of Publications by Year
in descending order

141	3,711	136950	161849
papers	citations	32 h-index	54 g-index

145	145	145	2191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The superior colliculus and movements of the head and eyes in cats. Journal of Physiology, 1980, 300, 367-391.	2.9	185
2	Visual and non-visual cues in the perception of linear self motion. Experimental Brain Research, 2000, 135, 12-21.	1.5	177
3	The subjective visual vertical and the perceptual upright. Experimental Brain Research, 2006, 173, 612-622.	1.5	177
4	The effect of exposure to asynchronous audio, visual, and tactile stimulus combinations on the perception of simultaneity. Experimental Brain Research, 2008, 186, 517-524.	1.5	130
5	Humans can use optic flow to estimate distance of travel. Vision Research, 2001, 41, 213-219.	1.4	114
6	Integration of visual and auditory space in the mammalian superior colliculus. Nature, 1980, 288, 56-59.	27.8	109
7	Travel distance estimation from visual motion by leaky path integration. Experimental Brain Research, 2007, 180, 35-48.	1.5	103
8	The primal role of the vestibular system in determining musical rhythm. Cortex, 2009, 45, 35-43.	2.4	93
9	Perceived timing of vestibular stimulation relative to touch, light and sound. Experimental Brain Research, 2009, 198, 221-231.	1.5	84
10	Eye position affects the perceived location of touch. Experimental Brain Research, 2009, 198, 403-410.	1.5	82
11	Simultaneity Constancy. Perception, 2004, 33, 1049-1060.	1.2	81
12	The effects of remote retinal stimulation on the responses of cat retinal ganglion cells.. Journal of Physiology, 1977, 269, 177-194.	2.9	80
13	Auditory compensation of the effects of visual deprivation in the cat's superior colliculus. Experimental Brain Research, 1983, 50, 69-83.	1.5	77
14	Simultaneity constancy: detecting events with touch and vision. Experimental Brain Research, 2005, 166, 465-473.	1.5	77
15	Vestibular and optokinetic eye movements evoked in the cat by rotation about a tilted axis. Experimental Brain Research, 1987, 66, 522-532.	1.5	74
16	Moving and the motion after-effect. Nature, 1981, 293, 139-141.	27.8	61
17	Perceived touch location is coded using a gaze signal. Experimental Brain Research, 2011, 213, 229-234.	1.5	61
18	Multisensory determinants of orientation perception in Parkinson's disease. Neuroscience, 2010, 167, 1138-1150.	2.3	60

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19	Perceiving a stable world during active rotational and translational head movements. Experimental Brain Research, 2005, 163, 388-399.	1.5	57
20	The human visual system's assumption that light comes from above is weak. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12551-12553.	7.1	55
21	Shape-from-Shading Depends on Visual, Gravitational, and Body-Orientation Cues. Perception, 2004, 33, 1453-1461.	1.2	53
22	Predicting the Multisensory Consequences of Oneâ€™s Own Action: BOLD Suppression in Auditory and Visual Cortices. PLoS ONE, 2017, 12, e0169131.	2.5	51
23	Sensorimotor transformation from light reception to phototactic behavior inDrosophila larvae (Diptera: Drosophilidae). Journal of Insect Behavior, 1994, 7, 553-567.	0.7	47
24	Abolition of optokinetic nystagmus in the cat. Science, 1980, 210, 91-92.	12.6	44
25	Auditory and visual neurons in the cat's superior colliculus selective for the direction of apparent motion stimuli. Brain Research, 1989, 490, 56-63.	2.2	44
26	The effect of altered gravity states on the perception of orientation. Experimental Brain Research, 2009, 194, 647-660.	1.5	42
27	Temporal processing of active and passive head movement. Experimental Brain Research, 2011, 214, 27-35.	1.5	42
28	How our body influences our perception of the world. Frontiers in Psychology, 2015, 6, 819.	2.1	40
29	The effect of long-term exposure to microgravity on the perception of upright. Npj Microgravity, 2017, 3, 3.	3.7	38
30	Eye movement in strabismic cats. Nature, 1980, 286, 64-65.	27.8	36
31	Sensory compensation in sound localization in people with one eye. Experimental Brain Research, 2012, 216, 565-574.	1.5	35
32	Perceived self-orientation in allocentric and egocentric space: Effects of visual and physical tilt on saccadic and tactile measures. Brain Research, 2008, 1242, 231-243.	2.2	34
33	Touch used to guide action is partially coded in a visual reference frame. Experimental Brain Research, 2010, 203, 615-620.	1.5	34
34	Multisensory determinants of orientation perception: taskâ€specific sex differences. European Journal of Neuroscience, 2010, 31, 1899-1907.	2.6	34
35	Head tilt during driving. Ergonomics, 1999, 42, 740-746.	2.1	32
36	Reference frames for coding touch location depend on the task. Experimental Brain Research, 2012, 222, 437-445.	1.5	32

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37	The Subjective Visual Vertical and the Subjective Haptic Vertical Access Different Gravity Estimates. PLoS ONE, 2015, 10, e0145528.	2.5	32
38	The relative timing of active and passive touch. Brain Research, 2008, 1242, 54-58.	2.2	30
39	Seeing your own or someone else's hand moving in accordance with your action: The neural interaction of agency and hand identity. Human Brain Mapping, 2020, 41, 2474-2489.	3.6	30
40	Detecting delay in visual feedback of an action as a monitor of self recognition. Experimental Brain Research, 2012, 222, 389-397.	1.5	29
41	Contrast sensitivity and acuity of a conscious cat measured by the occipital evoked potential. Vision Research, 1978, 18, 175-178.	1.4	28
42	Temporal and spatial response characteristics of the cat superior colliculus. Brain Research, 1981, 207, 73-94.	2.2	28
43	Enhancing visual cues to orientation. Progress in Brain Research, 2011, 191, 133-142.	1.4	28
44	The relative role of visual and non-visual cues in determining the perceived direction of â€œupâ€: Experiments in parabolic flight. Acta Astronautica, 2005, 56, 1025-1032.	3.2	26
45	How Much Gravity Is Needed to Establish the Perceptual Upright?. PLoS ONE, 2014, 9, e106207.	2.5	26
46	Perceived distance depends on the orientation of both the body and the visual environment. Journal of Vision, 2014, 14, 17-17.	0.3	26
47	Visuotactile apparent motion. Perception & Psychophysics, 2008, 70, 807-817.	2.3	25
48	The influence of retinal and extra-retinal motion cues on perceived object motion during self-motion. Journal of Vision, 2008, 8, 5-5.	0.3	25
49	Multisensory integration is independent of perceived simultaneity. Experimental Brain Research, 2017, 235, 763-775.	1.5	25
50	Interactions between first- and second-order motion revealed by optokinetic nystagmus. Experimental Brain Research, 2000, 130, 67-72.	1.5	24
51	Multimodal Ternus: Visual, Tactile, and Visuo â€" Tactile Grouping in Apparent Motion. Perception, 2007, 36, 1455-1464.	1.2	24
52	How different types of scenes affect the Subjective Visual Vertical (SVV) and the Perceptual Upright (PU). Vision Research, 2010, 50, 1720-1727.	1.4	23
53	Auditoryâ€“visual temporal integration measured by shifts in perceived temporal location. Neuroscience Letters, 2007, 417, 219-224.	2.1	22
54	Contralateral tactile masking between forearms. Experimental Brain Research, 2014, 232, 821-826.	1.5	22

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55	Modification of the balance and gain of the vestibulo-ocular reflex in the cat. Experimental Brain Research, 1981, 44, 57-70.	1.5	21
56	Brain stem and cortical contributions to the generation of horizontal optokinetic eye movements in humans. Visual Neuroscience, 1993, 10, 247-259.	1.0	21
57	Mechanisms of simultaneity constancy. , 2010, , 232-253.		20
58	Sounds can affect visual perception mediated primarily by the parvocellular pathway. Visual Neuroscience, 2009, 26, 477-486.	1.0	19
59	Frames of reference for biological motion and face perception. Journal of Vision, 2010, 10, 22-22.	0.3	18
60	Perceptual Upright: The Relative Effectiveness of Dynamic and Static Images Under Different Gravity States. Seeing and Perceiving, 2011, 24, 53-64.	0.3	18
61	Voluntary and Involuntary Movements Widen the Window of Subjective Simultaneity. I-Perception, 2017, 8, 204166951771929.	1.4	18
62	Horizontal saccades to dichoptically presented targets of differing disparities. Vision Research, 1993, 33, 1001-1010.	1.4	16
63	The relative contributions of radial and laminar optic flow to the perception of linear self-motion. Journal of Vision, 2012, 12, 7-7.	0.3	16
64	Is an Internal Model of Head Orientation Necessary for Oculomotor Control?. Annals of the New York Academy of Sciences, 2005, 1039, 314-324.	3.8	15
65	Predicting the position of moving audiovisual stimuli. Experimental Brain Research, 2010, 203, 249-260.	1.5	15
66	Disambiguating the Stream/Bounce Illusion WithÂInference. Multisensory Research, 2016, 29, 453-464.	1.1	15
67	Which Direction Is up for a High Pitch?. Multisensory Research, 2016, 29, 113-132.	1.1	15
68	The role of cognitive factors and personality traits in the perception of illusory self-motion (vection). Attention, Perception, and Psychophysics, 2021, 83, 1804-1817.	1.3	15
69	Auditory Stimulus Detection is Not Suppressed during Saccadic Eye Movements. Perception, 1996, 25, 999-1004.	1.2	14
70	Asymmetrical representation of body orientation. Journal of Vision, 2013, 13, 3-3.	0.3	14
71	Vibrotactile masking through the body. Experimental Brain Research, 2014, 232, 2859-2863.	1.5	14
72	The role of the viewpoint on body ownership. Experimental Brain Research, 2015, 233, 1053-1060.	1.5	14

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73	Using optic flow in the far peripheral field. Journal of Vision, 2017, 17, 3.	0.3	14
74	Steady-state visually evoked potentials reveal partial size constancy in early visual cortex. Journal of Vision, 2019, 19, 8.	0.3	14
75	Perceived face size in healthy adults. PLoS ONE, 2017, 12, e0177349.	2.5	14
76	The visual consequences of deviations in the orientation of the axis of rotation of the human vestibulo-ocular reflex. Vision Research, 2001, 41, 3271-3281.	1.4	13
77	Flash lag in depth. Vision Research, 2006, 46, 2735-2742.	1.4	13
78	Perceived size change induced by audiovisual temporal delays. Experimental Brain Research, 2012, 216, 457-462.	1.5	13
79	Vision can recalibrate the vestibular reafference signal used to re-establish postural equilibrium following a platform perturbation. Experimental Brain Research, 2017, 235, 407-414.	1.5	13
80	Optimal Audiovisual Integration in People with One Eye. Multisensory Research, 2014, 27, 173-188.	1.1	12
81	Disrupting Vestibular Activity Disrupts Body Ownership. Multisensory Research, 2015, 28, 581-590.	1.1	12
82	Human eye movement response to z-axis linear acceleration: the effect of varying the phase relationships between visual and vestibular inputs. Experimental Brain Research, 1995, 103, 256-266.	1.5	11
83	The effect of gravity on the resting position of the cat's eye. Experimental Brain Research, 1993, 96, 107-116.	1.5	9
84	The coding of perceived eye position. Experimental Brain Research, 2008, 187, 429-437.	1.5	9
85	The State of the Art of Sensory Substitution. Multisensory Research, 2014, 27, 265-269.	1.1	9
86	When gravity is not where it should be: How perceived orientation affects visual self-motion processing. PLoS ONE, 2021, 16, e0243381.	2.5	9
87	Sensitivity to full-field visual movement compatible with head rotation: Variations among axes of rotation. Visual Neuroscience, 1995, 12, 743-754.	1.0	8
88	The contribution of different parts of the visual field to the perception of upright. Vision Research, 2011, 51, 2207-2215.	1.4	8
89	Inducing ownership over an â€˜otherâ€™ perspective with a visuo-tactile manipulation. Experimental Brain Research, 2016, 234, 3633-3639.	1.5	8
90	Tactile Flow Overrides Other Cues To Self Motion. Scientific Reports, 2017, 7, 1059.	3.3	8

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91	How long do intrinsic and extrinsic visual cues take to exert their effect on the perceptual upright?. Vision Research, 2009, 49, 2131-2139.	1.4	7
92	Living with One Eye: Plasticity in Visual and Auditory Systems. , 2012, , 94-113.		7
93	Vestibularâ€“somatosensory interactions affect the perceived timing of tactile stimuli. Experimental Brain Research, 2018, 236, 2877-2885.	1.5	7
94	Vestibular Perceptual Thresholds in Older Adults With and Without Age-related Hearing Loss. Ear and Hearing, 2022, 43, 420-435.	2.1	7
95	The eye movements evoked by a rotating linear acceleration vector in the cat depend on a central velocity storage mechanism. Brain Research, 1987, 437, 393-396.	2.2	6
96	The contribution of the horizontal semicircular canals to the response to off-vertical-axis rotation in the cat. Experimental Brain Research, 1988, 71, 147-52.	1.5	6
97	Allocentric visual cues influence mental transformation of bodies. Journal of Vision, 2013, 13, 14-14.	0.3	6
98	Bodily illusions disrupt tactile sensations.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 42-49.	0.9	6
99	Introduction to Vestibular Cognition Special Issue: Progress in Vestibular Cognition. Multisensory Research, 2015, 28, 393-396.	1.1	6
100	Body Orientation Affects the Perceived Size of Objects. Perception, 2022, 51, 25-36.	1.2	6
101	Age-related changes to vestibular heave and pitch perception and associations with postural control. Scientific Reports, 2022, 12, 6426.	3.3	6
102	Segmented Space: Measuring Tactile Localisation in Body Coordinates. Multisensory Research, 2013, 26, 3-18.	1.1	5
103	International Multisensory Research Forum 2012 Meeting Special Issue. Multisensory Research, 2013, 26, 287-289.	1.1	5
104	Left-handers show no self-advantage in detecting a delay in visual feedback concerning an active movement. Experimental Brain Research, 2016, 234, 1915-1923.	1.5	5
105	Visual feedback is not necessary for recalibrating the vestibular contribution to the dynamic phase of a perturbation recovery response. Experimental Brain Research, 2019, 237, 2185-2196.	1.5	5
106	The Representation of Body Size: Variations With Viewpoint and Sex. Frontiers in Psychology, 2019, 10, 2805.	2.1	5
107	The effect of training on the perceived approach angle in visual vertical heading judgements in a virtual environment. Experimental Brain Research, 2020, 238, 1861-1869.	1.5	5
108	Gravity and perceptual stability during translational head movement on earth and in microgravity. Acta Astronautica, 2005, 56, 1033-1040.	3.2	4

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109	Where's the Floor?. Seeing and Perceiving, 2010, 23, 81-88.	0.3	4
110	Editorial on the Launch of Multisensory Research; A Journal of Scientific Research on All Aspects of Multisensory Processing. Multisensory Research, 2013, 26, 1-2.	1.1	4
111	The effect of hand position on perceived finger orientation in left- and right-handers. Experimental Brain Research, 2017, 235, 3683-3693.	1.5	4
112	Measurement of oscillopsia induced by vestibular Coriolis stimulation. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 17, 289-299.	2.0	4
113	The Effect of Blur on the Perception of Up. Optometry and Vision Science, 2014, 91, 103-110.	1.2	3
114	Causal Inference for Cross-Modal Action Selection: A Computational Study in a Decision Making Framework. Frontiers in Computational Neuroscience, 2016, 10, 62.	2.1	3
115	Perceived finger orientation is biased towards functional task spaces. Experimental Brain Research, 2016, 234, 3565-3574.	1.5	3
116	Long-range tactile masking occurs in the postural body schema. Experimental Brain Research, 2016, 234, 569-575.	1.5	3
117	The Weighting of Cues to Upright Following Stroke With and Without a History of Pushing. Canadian Journal of Neurological Sciences, 2018, 45, 405-414.	0.5	3
118	The perceived size of the implicit representation of the dorsum and palm of the hand. PLoS ONE, 2020, 15, e0230624.	2.5	3
119	The influence of rhythm on detection of auditory and vibrotactile asynchrony. Experimental Brain Research, 2020, 238, 825-832.	1.5	3
120	Object speed perception during lateral visual self-motion. Attention, Perception, and Psychophysics, 2021, , 1.	1.3	3
121	Long-duration head down bed rest as an analog of microgravity: Effects on the static perception of upright. Journal of Vestibular Research: Equilibrium and Orientation, 2022, 32, 325-340.	2.0	3
122	The unassisted visual system on earth and in space. Journal of Vestibular Research: Equilibrium and Orientation, 2010, 20, 25-30.	2.0	2
123	Space Constancy vs Shape Constancy. Seeing and Perceiving, 2010, 23, 385-399.	0.3	2
124	Audiovisual Delay as a Novel Cue to Visual Distance. PLoS ONE, 2015, 10, e0141125.	2.5	2
125	Changes in the perceived size of the body following exposure to distorted self-body images. Royal Society Open Science, 2022, 9, 210722.	2.4	2
126	Can People Infer Distance in a 2D Scene Using the Visual Size and Position of an Object?. Vision (Switzerland), 2022, 6, 25.	1.2	2

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127	The Effect of Canal/Visual and Canal/Otolith Conflict on Type I Vestibular Nucleus Neurones. Acta Oto-Laryngologica, 1991, 111, 266-268.	0.9	1
128	Interactions between Otoliths and Vision Revealed by the Response to Z-Axis Linear Movements. Annals of the New York Academy of Sciences, 1992, 656, 898-900.	3.8	1
129	The contribution of sound in determining the perceptual upright. Multisensory Research, 2013, 26, 125.	1.1	1
130	Testing Tactile Masking between the Forearms. Journal of Visualized Experiments, 2016, , e53733.	0.3	1
131	Does the vestibular system exert specific or general influences on cognitive processes?. Cognitive Neuropsychology, 2020, 37, 430-432.	1.1	1
132	Perceiving jittering self-motion in a field of lollipops from ages 4 to 95. PLoS ONE, 2020, 15, e0241087.	2.5	1
133	MacIlwain's peripheral shift effect. Neuroscience Letters, 1976, 3, 98-99.	2.1	0
134	Keeping track of visual codes that move from cell to cell during eye movements. Behavioral and Brain Sciences, 1994, 17, 265-265.	0.7	0
135	Sensitivity to full-field visual movement compatible with head rotation: Variations with eye-in-head position. Visual Neuroscience, 1996, 13, 277-282.	1.0	0
136	A Threeâ€Channel Model for Generating the Vestibuloâ€Ocular Reflex in Each Eye. Annals of the New York Academy of Sciences, 2002, 956, 537-542.	3.8	0
137	The use of visual and nonvisual cues in updating the perceived position of the world during translation. , 2005, 5666, 462.		0
138	Editorial. Seeing and Perceiving, 2011, 24, 201.	0.3	0
139	Ian Porteous Howard (1927â€“2013).. American Psychologist, 2014, 69, 301-301.	4.2	0
140	Updating the position of eccentric targets during visually-induced lateral motion. Journal of Vision, 2019, 19, 302.	0.3	0
141	Levels of Analysis of the Vestibulo-Ocular Reflex: A Postmodern Approach. , 2003, , 279-294.		0