

Paul B Hibbard

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,486
citations

304743

22
h-index

395702

33
g-index

97
all docs

97
docs citations

97
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial frequency and visual discomfort. <i>Vision Research</i> , 2011, 51, 1767-1777.	1.4	80
2	Seeing in 3-D With Just One Eye. <i>Psychological Science</i> , 2013, 24, 1673-1685.	3.3	68
3	Visual Processing and Dyslexia. <i>Perception</i> , 1999, 28, 243-254.	1.2	65
4	Perceived Direction of Motion Determined by Adaptation to Static Binocular Images. <i>Current Biology</i> , 2012, 22, 28-32.	3.9	63
5	Empowering Reentrant Projections from V5 to V1 Boosts Sensitivity to Motion. <i>Current Biology</i> , 2016, 26, 2155-2160.	3.9	63
6	Strengthening functionally specific neural pathways with transcranial brain stimulation. <i>Current Biology</i> , 2018, 28, R735-R736.	3.9	63
7	Binocular cues and the control of prehension. <i>Spatial Vision</i> , 2004, 17, 95-110.	1.4	57
8	Reaching for virtual objects: binocular disparity and the control of prehension. <i>Experimental Brain Research</i> , 2003, 148, 196-201.	1.5	47
9	Binocular energy responses to natural images. <i>Vision Research</i> , 2008, 48, 1427-1439.	1.4	47
10	Consciousness of the first order in blindsight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21217-21222.	7.1	45
11	Visual processing in migraine. <i>Cephalalgia</i> , 2016, 36, 1057-1076.	3.9	39
12	Uncomfortable images produce non-sparse responses in a model of primary visual cortex. <i>Royal Society Open Science</i> , 2015, 2, 140535.	2.4	38
13	Statistically optimal integration of biased sensory estimates. <i>Journal of Vision</i> , 2011, 11, 12-12.	0.3	35
14	Linear filtering precedes nonlinear processing in early vision. <i>Current Biology</i> , 1996, 6, 891-896.	3.9	31
15	Does Binocular Disparity Facilitate the Detection of Transparent Motion?. <i>Perception</i> , 1999, 28, 183-191.	1.2	30
16	Stereopsis from contrast envelopes. <i>Vision Research</i> , 1999, 39, 2313-2324.	1.4	29
17	Depth-cue integration in grasp programming: No evidence for a binocular specialism. <i>Neuropsychologia</i> , 2011, 49, 1246-1257.	1.6	29
18	A statistical model of binocular disparity. <i>Visual Cognition</i> , 2007, 15, 149-165.	1.6	28

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19	Visual discomfort and blur. <i>Journal of Vision</i> , 2013, 13, 7-7.	0.3	25
20	Disparity-defined objects moving in depth do not elicit three-dimensional shape constancy. <i>Vision Research</i> , 2006, 46, 1599-1610.	1.4	24
21	Visual Discomfort and Depth-of-Field. <i>I-Perception</i> , 2013, 4, 156-169.	1.4	24
22	Surface orientation, modulation frequency and the detection and perception of depth defined by binocular disparity and motion parallax. <i>Vision Research</i> , 2006, 46, 2636-2644.	1.4	23
23	Can appearance be so deceptive? Representationalism and binocular vision. <i>Spatial Vision</i> , 2008, 21, 549-559.	1.4	23
24	Saccadic latency is modulated by emotional content of spatially filtered face stimuli.. <i>Emotion</i> , 2012, 12, 1384-1392.	1.8	23
25	Magnitude, precision, and realism of depth perception in stereoscopic vision. <i>Cognitive Research: Principles and Implications</i> , 2017, 2, 25.	2.0	23
26	Depth Perception Not Found in Human Observers for Static or Dynamic Anti-Correlated Random Dot Stereograms. <i>PLoS ONE</i> , 2014, 9, e84087.	2.5	19
27	Stereoscopic correspondence for ambiguous targets is affected by elevation and fixation distance. <i>Spatial Vision</i> , 2005, 18, 399-411.	1.4	18
28	Distribution of independent components of binocular natural images. <i>Journal of Vision</i> , 2015, 15, 6.	0.3	16
29	The stereoscopic anisotropy: Individual differences and underlying mechanisms.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 469-476.	0.9	16
30	Global motion processing is not tuned for binocular disparity. <i>Vision Research</i> , 1999, 39, 961-974.	1.4	15
31	Summation of visual attributes in auditoryâ€“visual crossmodal correspondences. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 1104-1112.	2.8	15
32	Linear and nonlinear transparencies in binocular vision. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1837-1845.	2.6	14
33	The stereoscopic anisotropy: Individual differences and underlying mechanisms.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 469-476.	0.9	14
34	Encoding and estimation of first- and second-order binocular disparity in natural images. <i>Vision Research</i> , 2016, 120, 108-120.	1.4	14
35	Mechanisms for similarity matching in disparity measurement. <i>Frontiers in Psychology</i> , 2014, 4, 1014.	2.1	13
36	Depth of Field Affects Perceived Depth in Stereographs. <i>ACM Transactions on Applied Perception</i> , 2015, 11, 1-18.	1.9	13

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37	Plaid slant and inclination thresholds can be predicted from components. <i>Vision Research</i> , 1998, 38, 1073-1084.	1.4	12
38	Cue combination in the motion correspondence problem. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1369-1374.	2.6	12
39	Perceptual latencies to discriminate surface orientation in stereopsis. <i>Perception & Psychophysics</i> , 2002, 64, 32-40.	2.3	12
40	The visual processing of motion-defined transparency. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1049-1057.	2.6	12
41	Typical Lateral Interactions, but Increased Contrast Sensitivity, in Migraine-With-Aura. <i>Vision (Switzerland)</i> , 2018, 2, 7.	1.2	12
42	Vision and Hyper-Responsiveness in Migraine. <i>Vision (Switzerland)</i> , 2019, 3, 62.	1.2	12
43	Size and shape constancy in consumer virtual reality. <i>Behavior Research Methods</i> , 2020, 52, 1587-1598.	4.0	12
44	Reverse correlation reveals how observers sample visual information when estimating three-dimensional shape. <i>Vision Research</i> , 2013, 86, 115-127.	1.4	11
45	Migraine in Synesthetes and Nonsynesthetes: A Prevalence Study. <i>Perception</i> , 2015, 44, 1179-1202.	1.2	11
46	Contributions of pictorial and binocular cues to the perception of distance in virtual reality. <i>Virtual Reality</i> , 2021, 25, 1087-1103.	6.1	11
47	Perception of Relative Depth Interval: Systematic Biases in Perceived Depth. <i>Quarterly Journal of Experimental Psychology</i> , 2012, 65, 73-91.	1.1	10
48	Adapting to time: Duration channels do not mediate human time perception. <i>Journal of Vision</i> , 2016, 16, 4.	0.3	10
49	Attention Affects the Stereoscopic Depth Aftereffect. <i>Perception</i> , 2003, 32, 635-640.	1.2	9
50	Stereoscopic depth adaptation from binocularly correlated versus anti-correlated noise: Test of an efficient coding theory of stereopsis. <i>Vision Research</i> , 2020, 166, 60-71.	1.4	9
51	Migraine Visual Aura and Cortical Spreading Depression – Linking Mathematical Models to Empirical Evidence. <i>Vision (Switzerland)</i> , 2021, 5, 30.	1.2	9
52	Impairment of cyclopean surface processing by disparity-defined masking stimuli. <i>Journal of Vision</i> , 2020, 20, 1.	0.3	8
53	The orientation bandwidth of cyclopean channels. <i>Vision Research</i> , 2005, 45, 2780-2785.	1.4	7
54	Evidence for relative disparity matching in the perception of an ambiguous stereogram. <i>Journal of Vision</i> , 2010, 10, 35-35.	0.3	7

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55	First- and second-order contributions to depth perception in anti-correlated random dot stereograms. <i>Scientific Reports</i> , 2018, 8, 14120.	3.3	7
56	The effect of facial expression on contrast sensitivity: A behavioural investigation and extension of Hedger, Adams & Garner (2015). <i>PLoS ONE</i> , 2019, 14, e0205621.	2.5	7
57	Contrast normalisation masks natural expression-related differences and artificially enhances the perceived salience of fear expressions. <i>PLoS ONE</i> , 2020, 15, e0234513.	2.5	7
58	Ideal Binocular Disparity Detectors Learned Using Independent Subspace Analysis on Binocular Natural Image Pairs. <i>PLoS ONE</i> , 2016, 11, e0150117.	2.5	6
59	Surface continuity and discontinuity bias the perception of stereoscopic depth. <i>Journal of Vision</i> , 2018, 18, 13.	0.3	6
60	Isotropic integration of binocular disparity and relative motion in the perception of three-dimensional shape. <i>Spatial Vision</i> , 2002, 15, 205-217.	1.4	5
61	Vertical Disparity Affects Shape and Size Judgments across Surfaces Separated in Depth. <i>Perception</i> , 2007, 36, 696-702.	1.2	5
62	Misperception of aspect ratio in binocularly viewed surfaces. <i>Vision Research</i> , 2012, 70, 34-43.	1.4	5
63	Visual Search and Visual Discomfort. <i>Perception</i> , 2013, 42, 1-15.	1.2	5
64	Suppression durations for facial expressions under breaking continuous flash suppression: effects of faces' low-level image properties. <i>Scientific Reports</i> , 2020, 10, 17427.	3.3	5
65	The stereoscopic anisotropy affects manual pointing. <i>Spatial Vision</i> , 2002, 15, 443-458.	1.4	4
66	Ordinal judgments of depth in monocularly- and stereoscopically-viewed photographs of complex natural scenes. , 2015, , .		4
67	Perceived duration of brief visual events is mediated by timing mechanisms at the global stages of visual processing. <i>Royal Society Open Science</i> , 2017, 4, 160928.	2.4	4
68	Introduction to the Special Issue on Individual Differences in Multisensory Perception: an Overview. <i>Multisensory Research</i> , 2017, 30, 461-466.	1.1	4
69	Binocular vision supports the development of scene segmentation capabilities: Evidence from a deep learning model. <i>Journal of Vision</i> , 2021, 21, 13.	0.3	4
70	A Bayesian model of distance perception from ocular convergence. <i>Journal of Vision</i> , 2017, 17, 159.	0.3	4
71	Evaluation of the accuracy of the Leap Motion controller for measurements of grip aperture. , 2015, , .		3
72	Natural variation in female reproductive hormones does not affect contrast sensitivity. <i>Royal Society Open Science</i> , 2018, 5, 171566.	2.4	3

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73	Saccadic eye movements are deployed faster for salient facial stimuli, but are relatively indifferent to their emotional content. <i>Vision Research</i> , 2022, 198, 108054.	1.4	3
74	<title>Can observers exploit enhanced motion parallax to control reaching movements within telepresence environments?</title>. , 2001, , .		2
75	Binocular Depth Judgments on Smoothly Curved Surfaces. <i>PLoS ONE</i> , 2016, 11, e0165932.	2.5	2
76	The effect of image position on the Independent Components of natural binocular images. <i>Scientific Reports</i> , 2018, 8, 449.	3.3	2
77	No effect of feedback, level of processing or stimulus presentation protocol on perceptual learning when easy and difficult trials are interleaved. <i>Vision Research</i> , 2020, 176, 100-117.	1.4	2
78	Distance Perception in Consumer Virtual Reality. <i>Journal of Vision</i> , 2017, 17, 1047.	0.3	2
79	Reaching for virtual objects: binocular disparity, retinal motion and the control of prehension. <i>Arquivos Brasileiros De Oftalmologia</i> , 2003, 66, 53-61.	0.5	2
80	2-D Tilt and 3-D Slant Illusions in Perception and Action Tasks. <i>Perception</i> , 2006, 35, 1297-1305.	1.2	1
81	Quality, quantity and precision of depth perception in stereoscopic displays. , 2015, , .		1
82	Spatial Frequency Tuning and Transfer of Perceptual Learning for Motion Coherence Reflects the Tuning Properties of Global Motion Processing. <i>Vision (Switzerland)</i> , 2019, 3, 44.	1.2	1
83	No Evidence of Reduced Contrast Sensitivity in Migraine-with-Aura for Large, Narrowband, Centrally Presented Noise-Masked Stimuli. <i>Vision (Switzerland)</i> , 2021, 5, 32.	1.2	1
84	Manipulations of local, but not global, luminance gradients affect judgements of depth magnitude. <i>Journal of Vision</i> , 2017, 17, 1045.	0.3	1
85	Shape and Size Constancy in Consumer Virtual Reality. <i>Journal of Vision</i> , 2018, 18, 515.	0.3	1
86	<title>Can telepresent observers learn to take account of enhanced binocular disparities?</title>. , 2001, , .		0
87	Efficient encoding of binocular disparity predicts sensitivity to depth differences. <i>Journal of Vision</i> , 2017, 17, 1068.	0.3	0
88	The effect of edge separation and orientation on the perception of depth in anti-correlated random dot stereograms. <i>Journal of Vision</i> , 2018, 18, 988.	0.3	0
89	Title is missing!. , 2020, 15, e0234513.		0
90	Title is missing!. , 2020, 15, e0234513.		0

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91	Title is missing!. , 2020, 15, e0234513.		0
92	Title is missing!. , 2020, 15, e0234513.		0