

David Whitney

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,250
citations

304368

22
h-index

189595

50
g-index

60
all docs

60
docs citations

60
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual crowding: a fundamental limit on conscious perception and object recognition. Trends in Cognitive Sciences, 2011, 15, 160-168.	4.0	642
2	Serial dependence in visual perception. Nature Neuroscience, 2014, 17, 738-743.	7.1	550
3	Ensemble Perception. Annual Review of Psychology, 2018, 69, 105-129.	9.9	286
4	Serial Dependence in the Perception of Faces. Current Biology, 2014, 24, 2569-2574.	1.8	234
5	Serial Dependence across Perception, Attention, and Memory. Trends in Cognitive Sciences, 2017, 21, 493-497.	4.0	195
6	Averaging facial expression over time. Journal of Vision, 2009, 9, 1-1.	0.1	133
7	Perceiving Crowd Attention. Psychological Science, 2014, 25, 1903-1913.	1.8	114
8	Serial dependence in position occurs at the time of perception. Psychonomic Bulletin and Review, 2018, 25, 2245-2253.	1.4	100
9	Serial dependence in the perception of attractiveness. Journal of Vision, 2016, 16, 28.	0.1	85
10	The perceived stability of scenes: serial dependence in ensemble representations. Scientific Reports, 2017, 7, 1971.	1.6	82
11	Multi-level Crowding and the Paradox of Object Recognition in Clutter. Current Biology, 2018, 28, R127-R133.	1.8	80
12	Facilitating Stable Representations: Serial Dependence in Vision. PLoS ONE, 2011, 6, e16701.	1.1	67
13	Serial dependence promotes the stability of perceived emotional expression depending on face similarity. Attention, Perception, and Psychophysics, 2018, 80, 1461-1473.	0.7	65
14	An aftereffect of adaptation to mean size. Visual Cognition, 2012, 20, 211-231.	0.9	56
15	Serial dependence promotes object stability during occlusion. Journal of Vision, 2016, 16, 16.	0.1	42
16	Visual motion due to eye movements helps guide the hand. Experimental Brain Research, 2005, 162, 394-400.	0.7	39
17	Exaggerated groups: amplification in ensemble coding of temporal and spatial features. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172770.	1.2	38
18	Tracking the affective state of unseen persons. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7559-7564.	3.3	38

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19	Illusion of visual stability through active perceptual serial dependence. <i>Science Advances</i> , 2022, 8, eabk2480.	4.7	35
20	The hierarchical sparse selection model of visual crowding. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 73.	1.0	34
21	Serial dependence revealed in history-dependent perceptual templates. <i>Current Biology</i> , 2021, 31, 3185-3191.e3.	1.8	32
22	Stable individual signatures in object localization. <i>Current Biology</i> , 2017, 27, R700-R701.	1.8	29
23	Serial dependence in a simulated clinical visual search task. <i>Scientific Reports</i> , 2019, 9, 19937.	1.6	29
24	Target Displacements during Eye Blinks Trigger Automatic Recalibration of Gaze Direction. <i>Current Biology</i> , 2017, 27, 445-450.	1.8	24
25	Optimizing perception: Attended and ignored stimuli create opposing perceptual biases. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1230-1239.	0.7	22
26	Contribution of bottom-up and top-down motion processes to perceived position.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2006, 32, 1380-1397.	0.7	21
27	Dissociating implicit and explicit ensemble representations reveals the limits of visual perception and the richness of behavior. <i>Scientific Reports</i> , 2021, 11, 3899.	1.6	21
28	Neuroscience: Toward Unbinding the Binding Problem. <i>Current Biology</i> , 2009, 19, R251-R253.	1.8	19
29	Gender differences in crowd perception. <i>Frontiers in Psychology</i> , 2015, 6, 1300.	1.1	17
30	Motion-Dependent Filling-In of Spatiotemporal Information at the Blind Spot. <i>PLoS ONE</i> , 2016, 11, e0153896.	1.1	13
31	Spatially asymmetric response to moving patterns in the visual cortex: Re-examining the local sign hypothesis. <i>Vision Research</i> , 2007, 47, 50-59.	0.7	12
32	Rapid Adaptation to the Timbre of Natural Sounds. <i>Scientific Reports</i> , 2018, 8, 13826.	1.6	11
33	Idiosyncratic perception: a link between acuity, perceived position and apparent size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200825.	1.2	11
34	Global and high-level effects in crowding cannot be predicted by either high-dimensional pooling or target cueing. <i>Journal of Vision</i> , 2021, 21, 10.	0.1	10
35	The test-retest reliability and spatial tuning of serial dependence in orientation perception. <i>Journal of Vision</i> , 2022, 22, 5.	0.1	8
36	Inferential emotion tracking (IET) reveals the critical role of context in emotion recognition.. <i>Emotion</i> , 2022, 22, 1185-1192.	1.5	7

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37	Holistic ensemble perception. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 998-1013.	0.7	7
38	Serial dependence in the perceptual judgments of radiologists. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 65.	1.1	6
39	Visual motion modulates pattern sensitivity ahead, behind, and beside motion. <i>Vision Research</i> , 2014, 98, 99-106.	0.7	5
40	Inferential affective tracking reveals the remarkable speed of context-based emotion perception. <i>Cognition</i> , 2021, 208, 104549.	1.1	5
41	Context transitions modulate perceptual serial dependence. <i>Journal of Vision</i> , 2017, 17, 92.	0.1	5
42	Vision: Seeing through the Gaps in the Crowd. <i>Current Biology</i> , 2009, 19, R1075-R1076.	1.8	4
43	Unifying Visual Space Across the Left and Right Hemifields. <i>Psychological Science</i> , 2018, 29, 356-369.	1.8	3
44	Introduction to the special issue on ensemble perception. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 899-903.	0.7	3
45	Serial Dependence on a Large Scale. <i>Journal of Vision</i> , 2018, 18, 1153.	0.1	3
46	Visuomotor extrapolation. <i>Behavioral and Brain Sciences</i> , 2008, 31, 220-221.	0.4	2
47	Advancing Research on Medical Image Perception by Strengthening Multidisciplinary Collaboration. <i>JNCI Cancer Spectrum</i> , 2022, 6, .	1.4	2
48	Relative tuning of holistic face processing towards the fovea. <i>Vision Research</i> , 2022, 197, 108049.	0.7	2
49	Serial dependence determines object classification in visual search. <i>Journal of Vision</i> , 2017, 17, 221.	0.1	1
50	Perceptual inference of dynamic emotion in natural movies. <i>Journal of Vision</i> , 2017, 17, 913.	0.1	0
51	Interhemispheric visual temporal order adaptation. <i>Journal of Vision</i> , 2018, 18, 715.	0.1	0
52	Serial dependence fluctuates at alpha rhythms. <i>Journal of Vision</i> , 2018, 18, 1238.	0.1	0
53	Serial dependence in orientation perception alters perceptual templates: a classification image approach. <i>Journal of Vision</i> , 2019, 19, 211a.	0.1	0
54	Holistic Ensemble Perception. <i>Journal of Vision</i> , 2019, 19, 194b.	0.1	0

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55	Independent mechanisms for implicit ensemble learning and explicit ensemble perception?. <i>Journal of Vision</i> , 2019, 19, 239c.	0.1	0
56	Inhomogeneous Visual Acuity Correlated With Idiosyncratic Mislocalization. <i>Journal of Vision</i> , 2019, 19, 14.	0.1	0
57	Simulated tumor recognition in mammograms is biased by serial dependence. <i>Journal of Vision</i> , 2020, 20, 1202.	0.1	0
58	Idiosyncratic Visual Spatial Distortions Affect Object Appearances. <i>Journal of Vision</i> , 2020, 20, 592.	0.1	0