David Whitney

List of Publications by Year in Descending Order

56 papers	2,028 citations	19 h-index	45 g-index
60 ext. papers	2,629 ext. citations	4.3 avg, IF	5.77 L-index

#	Paper	IF	Citations
56	Illusion of visual stability through active perceptual serial dependence.. *Science Advances*, **2022**, 8, eabk2480	14.9	5
55	The test-retest reliability and spatial tuning of serial dependence in orientation perception.. *Journal of Vision*, **2022**, 22, 5	0.4	1
54	Advancing Research on Medical Image Perception by Strengthening Multidisciplinary Collaboration. *JNCI Cancer Spectrum*, **2022**, 6,	4.6	1
53	Relative tuning of holistic face processing towards the fovea.. *Vision Research*, **2022**, 197, 108049	2.1	1
52	Global and high-level effects in crowding cannot be predicted by either high-dimensional pooling or target cueing. *Journal of Vision*, **2021**, 21, 10	0.4	4
51	Holistic ensemble perception. *Attention, Perception, and Psychophysics*, **2021**, 83, 998-1013	2	1
50	Serial dependence in the perceptual judgments of radiologists. *Cognitive Research: Principles and Implications*, **2021**, 6, 65	2.7	1
49	Optimizing perception: Attended and ignored stimuli create opposing perceptual biases. *Attention, Perception, and Psychophysics*, **2021**, 83, 1230-1239	2	8
48	Inferential affective tracking reveals the remarkable speed of context-based emotion perception. *Cognition*, **2021**, 208, 104549	3.5	2
47	Dissociating implicit and explicit ensemble representations reveals the limits of visual perception and the richness of behavior. *Scientific Reports*, **2021**, 11, 3899	4.9	7
46	Serial dependence revealed in history-dependent perceptual templates. *Current Biology*, **2021**, 31, 3185-3191.e3	8.3	13
45	Simulated tumor recognition in mammograms is biased by serial dependence. *Journal of Vision*, **2020**, 20, 1202	0.4	
44	Idiosyncratic Visual Spatial Distortions Affect Object Appearances. *Journal of Vision*, **2020**, 20, 592	0.4	
43	Idiosyncratic perception: a link between acuity, perceived position and apparent size. *Proceedings of the Royal Society B: Biological Sciences*, **2020**, 287, 20200825	4.4	5
42	Serial dependence in orientation perception alters perceptual templates: a classification image approach. *Journal of Vision*, **2019**, 19, 211a	0.4	
41	Holistic Ensemble Perception. *Journal of Vision*, **2019**, 19, 194b	0.4	
40	Independent mechanisms for implicit ensemble learning and explicit ensemble perception?. *Journal of Vision*, **2019**, 19, 239c	0.4	

39	Inhomogeneous Visual Acuity Correlated With Idiosyncratic Mislocalization. *Journal of Vision*, **2019**, 19, 14	0.4	
38	Tracking the affective state of unseen persons. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7559-7564	11.5	21
37	Serial dependence in a simulated clinical visual search task. *Scientific Reports*, **2019**, 9, 19937	4.9	12
36	Serial dependence in position occurs at the time of perception. *Psychonomic Bulletin and Review*, **2018**, 25, 2245-2253	4.1	47
35	Multi-level Crowding and the Paradox of Object Recognition in Clutter. *Current Biology*, **2018**, 28, R127-R133	6.3	49
34	Unifying Visual Space Across the Left and Right Hemifields. *Psychological Science*, **2018**, 29, 356-369	7.9	1
33	Ensemble Perception. *Annual Review of Psychology*, **2018**, 69, 105-129	26.1	160
32	Serial dependence promotes the stability of perceived emotional expression depending on face similarity. *Attention, Perception, and Psychophysics*, **2018**, 80, 1461-1473	2	35
31	Interhemispheric visual temporal order adaptation. *Journal of Vision*, **2018**, 18, 715	0.4	
30	Serial dependence fluctuates at alpha rhythms. *Journal of Vision*, **2018**, 18, 1238	0.4	
29	Serial Dependence on a Large Scale. *Journal of Vision*, **2018**, 18, 1153	0.4	1
28	Rapid Adaptation to the Timbre of Natural Sounds. *Scientific Reports*, **2018**, 8, 13826	4.9	4
27	Exaggerated groups: amplification in ensemble coding of temporal and spatial features. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	23
26	Target Displacements during Eye Blinks Trigger Automatic Recalibration of Gaze Direction. *Current Biology*, **2017**, 27, 445-450	6.3	15
25	Serial Dependence across Perception, Attention, and Memory. *Trends in Cognitive Sciences*, **2017**, 21, 493-497	14	110
24	Stable individual signatures in object localization. *Current Biology*, **2017**, 27, R700-R701	6.3	16
23	The perceived stability of scenes: serial dependence in ensemble representations. *Scientific Reports* , **2017**, 7, 1971	4.9	48
22	Context transitions modulate perceptual serial dependence. *Journal of Vision*, **2017**, 17, 92	0.4	0

21	Serial dependence determines object classification in visual search. *Journal of Vision*, **2017**, 17, 221	0.4	0
20	Perceptual inference of dynamic emotion in natural movies. *Journal of Vision*, **2017**, 17, 913	0.4	
19	Serial dependence promotes object stability during occlusion. *Journal of Vision*, **2016**, 16, 16	0.4	27
18	Serial dependence in the perception of attractiveness. *Journal of Vision*, **2016**, 16, 28	0.4	54
17	Motion-Dependent Filling-In of Spatiotemporal Information at the Blind Spot. *PLoS ONE*, **2016**, 11, e0153896	3.7	7
16	Gender differences in crowd perception. *Frontiers in Psychology*, **2015**, 6, 1300	3.4	10
15	Serial dependence in the perception of faces. *Current Biology*, **2014**, 24, 2569-74	6.3	152
14	Visual motion modulates pattern sensitivity ahead, behind, and beside motion. *Vision Research*, **2014**, 98, 99-106	2.1	4
13	The hierarchical sparse selection model of visual crowding. *Frontiers in Integrative Neuroscience*, **2014**, 8, 73	3.2	22
12	Perceiving crowd attention: ensemble perception of a crowd's gaze. *Psychological Science*, **2014**, 25, 1903-13	7.3	73
11	Serial dependence in visual perception. *Nature Neuroscience*, **2014**, 17, 738-43	25.5	336
10	An aftereffect of adaptation to mean size. *Visual Cognition*, **2012**, 20,	1.8	47
9	Visual crowding: a fundamental limit on conscious perception and object recognition. *Trends in Cognitive Sciences*, **2011**, 15, 160-8	14	484
8	Facilitating stable representations: serial dependence in vision. *PLoS ONE*, **2011**, 6, e16701	3.7	44
7	Averaging facial expression over time. *Journal of Vision*, **2009**, 9, 1.1-13	0.4	94
6	Neuroscience: toward unbinding the binding problem. *Current Biology*, **2009**, 19, R251-3	6.3	16
5	Vision: seeing through the gaps in the crowd. *Current Biology*, **2009**, 19, R1075-6	6.3	4
4	Visuomotor extrapolation. *Behavioral and Brain Sciences*, **2008**, 31, 220-221	0.9	2

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3	Spatially asymmetric response to moving patterns in the visual cortex: re-examining the local sign hypothesis. *Vision Research*, **2007**, 47, 50-9	2.1	10
2	Contribution of bottom-up and top-down motion processes to perceived position. *Journal of Experimental Psychology: Human Perception and Performance*, **2006**, 32, 1380-97	2.6	17
1	Visual motion due to eye movements helps guide the hand. *Experimental Brain Research*, **2005**, 162, 394-400	2.3	38