

David Whitney

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Visual crowding: a fundamental limit on conscious perception and object recognition. <i>Trends in Cognitive Sciences</i> , 2011 , 15, 160-8	14	484
55	Serial dependence in visual perception. <i>Nature Neuroscience</i> , 2014 , 17, 738-43	25.5	336
54	Ensemble Perception. <i>Annual Review of Psychology</i> , 2018 , 69, 105-129	26.1	160
53	Serial dependence in the perception of faces. <i>Current Biology</i> , 2014 , 24, 2569-74	6.3	152
52	Serial Dependence across Perception, Attention, and Memory. <i>Trends in Cognitive Sciences</i> , 2017 , 21, 493-497	14	110
51	Averaging facial expression over time. <i>Journal of Vision</i> , 2009 , 9, 1.1-13	0.4	94
50	Perceiving crowd attention: ensemble perception of a crowd's gaze. <i>Psychological Science</i> , 2014 , 25, 1903-13	7.3	73
49	Serial dependence in the perception of attractiveness. <i>Journal of Vision</i> , 2016 , 16, 28	0.4	54
48	Multi-level Crowding and the Paradox of Object Recognition in Clutter. <i>Current Biology</i> , 2018 , 28, R127-R133	13.3	49
47	The perceived stability of scenes: serial dependence in ensemble representations. <i>Scientific Reports</i> , 2017 , 7, 1971	4.9	48
46	Serial dependence in position occurs at the time of perception. <i>Psychonomic Bulletin and Review</i> , 2018 , 25, 2245-2253	4.1	47
45	An aftereffect of adaptation to mean size. <i>Visual Cognition</i> , 2012 , 20,	1.8	47
44	Facilitating stable representations: serial dependence in vision. <i>PLoS ONE</i> , 2011 , 6, e16701	3.7	44
43	Visual motion due to eye movements helps guide the hand. <i>Experimental Brain Research</i> , 2005 , 162, 394-400	4.0	38
42	Serial dependence promotes the stability of perceived emotional expression depending on face similarity. <i>Attention, Perception, and Psychophysics</i> , 2018 , 80, 1461-1473	2	35
41	Serial dependence promotes object stability during occlusion. <i>Journal of Vision</i> , 2016 , 16, 16	0.4	27
40	Exaggerated groups: amplification in ensemble coding of temporal and spatial features. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	23

39	The hierarchical sparse selection model of visual crowding. <i>Frontiers in Integrative Neuroscience</i> , 2014 , 8, 73	3.2	22
38	Tracking the affective state of unseen persons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7559-7564	11.5	21
37	Contribution of bottom-up and top-down motion processes to perceived position. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2006 , 32, 1380-97	2.6	17
36	Stable individual signatures in object localization. <i>Current Biology</i> , 2017 , 27, R700-R701	6.3	16
35	Neuroscience: toward unbinding the binding problem. <i>Current Biology</i> , 2009 , 19, R251-3	6.3	16
34	Target Displacements during Eye Blinks Trigger Automatic Recalibration of Gaze Direction. <i>Current Biology</i> , 2017 , 27, 445-450	6.3	15
33	Serial dependence in a simulated clinical visual search task. <i>Scientific Reports</i> , 2019 , 9, 19937	4.9	12
32	Gender differences in crowd perception. <i>Frontiers in Psychology</i> , 2015 , 6, 1300	3.4	10
31	Spatially asymmetric response to moving patterns in the visual cortex: re-examining the local sign hypothesis. <i>Vision Research</i> , 2007 , 47, 50-9	2.1	10
30	Optimizing perception: Attended and ignored stimuli create opposing perceptual biases. <i>Attention, Perception, and Psychophysics</i> , 2021 , 83, 1230-1239	2	8
29	Motion-Dependent Filling-In of Spatiotemporal Information at the Blind Spot. <i>PLoS ONE</i> , 2016 , 11, e0153896	3.7	7
28	Dissociating implicit and explicit ensemble representations reveals the limits of visual perception and the richness of behavior. <i>Scientific Reports</i> , 2021 , 11, 3899	4.9	7
27	Serial dependence revealed in history-dependent perceptual templates. <i>Current Biology</i> , 2021 , 31, 3185-3191.e3	6.3	6
26	Illusion of visual stability through active perceptual serial dependence.. <i>Science Advances</i> , 2022 , 8, eabk2480	4.9	5
25	Idiosyncratic perception: a link between acuity, perceived position and apparent size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20200825	4.4	5
24	Visual motion modulates pattern sensitivity ahead, behind, and beside motion. <i>Vision Research</i> , 2014 , 98, 99-106	2.1	4
23	Vision: seeing through the gaps in the crowd. <i>Current Biology</i> , 2009 , 19, R1075-6	6.3	4
22	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	0.4	4

21	Rapid Adaptation to the Timbre of Natural Sounds. <i>Scientific Reports</i> , 2018 , 8, 13826	4.9	4
20	Visuomotor extrapolation. <i>Behavioral and Brain Sciences</i> , 2008 , 31, 220-221	0.9	2
19	Inferential affective tracking reveals the remarkable speed of context-based emotion perception. <i>Cognition</i> , 2021 , 208, 104549	3.5	2
18	Unifying Visual Space Across the Left and Right Hemifields. <i>Psychological Science</i> , 2018 , 29, 356-369	7.9	1
17	Holistic ensemble perception. <i>Attention, Perception, and Psychophysics</i> , 2021 , 83, 998-1013	2	1
16	Serial dependence in the perceptual judgments of radiologists. <i>Cognitive Research: Principles and Implications</i> , 2021 , 6, 65	2.7	1
15	Serial Dependence on a Large Scale. <i>Journal of Vision</i> , 2018 , 18, 1153	0.4	1
14	The test-retest reliability and spatial tuning of serial dependence in orientation perception.. <i>Journal of Vision</i> , 2022 , 22, 5	0.4	1
13	Advancing Research on Medical Image Perception by Strengthening Multidisciplinary Collaboration. <i>JNCI Cancer Spectrum</i> , 2022 , 6,	4.6	1
12	Relative tuning of holistic face processing towards the fovea.. <i>Vision Research</i> , 2022 , 197, 108049	2.1	1
11	Context transitions modulate perceptual serial dependence. <i>Journal of Vision</i> , 2017 , 17, 92	0.4	0
10	Serial dependence determines object classification in visual search. <i>Journal of Vision</i> , 2017 , 17, 221	0.4	0
9	Simulated tumor recognition in mammograms is biased by serial dependence. <i>Journal of Vision</i> , 2020 , 20, 1202	0.4	
8	Idiosyncratic Visual Spatial Distortions Affect Object Appearances. <i>Journal of Vision</i> , 2020 , 20, 592	0.4	
7	Interhemispheric visual temporal order adaptation. <i>Journal of Vision</i> , 2018 , 18, 715	0.4	
6	Serial dependence fluctuates at alpha rhythms. <i>Journal of Vision</i> , 2018 , 18, 1238	0.4	
5	Serial dependence in orientation perception alters perceptual templates: a classification image approach. <i>Journal of Vision</i> , 2019 , 19, 211a	0.4	
4	Holistic Ensemble Perception. <i>Journal of Vision</i> , 2019 , 19, 194b	0.4	

- 3 Independent mechanisms for implicit ensemble learning and explicit ensemble perception?. *Journal of Vision*, **2019**, 19, 239c 0.4
- 2 Inhomogeneous Visual Acuity Correlated With Idiosyncratic Mislocalization. *Journal of Vision*, **2019**, 19, 14 0.4
- 1 Perceptual inference of dynamic emotion in natural movies. *Journal of Vision*, **2017**, 17, 913 0.4