John M Henderson

List of Publications by Citations

75 papers	6,133 citations	33 h-index	78 g-index
96 ext. papers	6,901 ext. citations	3.4 avg, IF	6.42 L-index

#	Paper	IF	Citations
75	Contextual guidance of eye movements and attention in real-world scenes: the role of global features in object search. *Psychological Review*, **2006**, 113, 766-86	6.3	1119
74	Human gaze control during real-world scene perception. *Trends in Cognitive Sciences*, **2003**, 7, 498-504	14	920
73	High-level scene perception. *Annual Review of Psychology*, **1999**, 50, 243-71	26.1	652
72	The effects of semantic consistency on eye movements during complex scene viewing.. *Journal of Experimental Psychology: Human Perception and Performance*, **1999**, 25, 210-228	2.6	390
71	Clustering of Gaze During Dynamic Scene Viewing is Predicted by Motion. *Cognitive Computation*, **2011**, 3, 5-24	4.4	241
70	Viewing task influences eye movement control during active scene perception. *Journal of Vision*, **2009**, 9, 6.1-15	0.4	210
69	Visual saliency does not account for eye movements during visual search in real-world scenes **2007**, 537-III		169
68	Regarding Scenes. *Current Directions in Psychological Science*, **2007**, 16, 219-222	6.5	164
67	CRISP: a computational model of fixation durations in scene viewing. *Psychological Review*, **2010**, 117, 382-405	6.3	163
66	Searching in the dark: cognitive relevance drives attention in real-world scenes. *Psychonomic Bulletin and Review*, **2009**, 16, 850-6	4.1	153
65	Does gravity matter? Effects of semantic and syntactic inconsistencies on the allocation of attention during scene perception. *Journal of Vision*, **2009**, 9, 24.1-15	0.4	107
64	Meaning-based guidance of attention in scenes as revealed by meaning maps. *Nature Human Behaviour*, **2017**, 1, 743-747	12.8	106
63	The influence of color on the perception of scene gist. *Journal of Experimental Psychology: Human Perception and Performance*, **2008**, 34, 660-75	2.6	103
62	Eye movements during scene viewing: evidence for mixed control of fixation durations. *Psychonomic Bulletin and Review*, **2008**, 15, 566-73	4.1	99
61	Stable individual differences across images in human saccadic eye movements. *Canadian Journal of Experimental Psychology*, **2008**, 62, 1-14	0.8	97
60	Gaze Control as Prediction. *Trends in Cognitive Sciences*, **2017**, 21, 15-23	14	90
59	Suppression of reflexive saccades in younger and older adults: age comparisons on an antisaccade task. *Memory and Cognition*, **1999**, 27, 584-91	2.2	88

58	The influence of clutter on real-world scene search: evidence from search efficiency and eye movements. *Journal of Vision*, **2009**, 9, 32.1-8	0.4	85
57	Assessing literacy in science: Evaluation of scientific news briefs. *Science Education*, **1997**, 81, 515-532	4.3	83
56	Predicting cognitive state from eye movements. *PLoS ONE*, **2013**, 8, e64937	3.7	76
55	The perception of naturalness correlates with low-level visual features of environmental scenes. *PLoS ONE*, **2014**, 9, e114572	3.7	65
54	Object identification without foveal vision: evidence from an artificial scotoma paradigm. *Perception & Psychophysics*, **1997**, 59, 323-46		65
53	How are eye fixation durations controlled during scene viewing? Further evidence from a scene onset delay paradigm. *Visual Cognition*, **2009**, 17, 1055-1082	1.8	64
52	Meaning guides attention in real-world scene images: Evidence from eye movements and meaning maps. *Journal of Vision*, **2018**, 18, 10	0.4	62
51	Neural correlates of fixation duration in natural reading: Evidence from fixation-related fMRI. *NeuroImage*, **2015**, 119, 390-7	7.9	46
50	Stable individual differences in saccadic eye movements during reading, pseudoreading, scene viewing, and scene search. *Journal of Experimental Psychology: Human Perception and Performance*, **2014**, 40, 1390-400	2.6	45
49	Prioritizing new objects for eye fixation in real-world scenes: Effects of object□cene consistency. *Visual Cognition*, **2008**, 16, 375-390	1.8	43
48	Co-registration of eye movements and event-related potentials in connected-text paragraph reading. *Frontiers in Systems Neuroscience*, **2013**, 7, 28	3.5	41
47	Types and tokens in transsaccadic object identification: effects of spatial position and left-right orientation. *Psychonomic Bulletin and Review*, **2001**, 8, 753-60	4.1	41
46	The neural substrates of natural reading: a comparison of normal and nonword text using eyetracking and fMRI. *Frontiers in Human Neuroscience*, **2014**, 8, 1024	3.3	38
45	Using CRISP to model global characteristics of fixation durations in scene viewing and reading with a common mechanism. *Visual Cognition*, **2012**, 20, 457-494	1.8	36
44	Eye movement control during scene viewing: immediate effects of scene luminance on fixation durations. *Journal of Experimental Psychology: Human Perception and Performance*, **2013**, 39, 318-22	2.6	33
43	Meaning Guides Attention during Real-World Scene Description. *Scientific Reports*, **2018**, 8, 13504	4.9	33
42	Meaning guides attention during scene viewing, even when it is irrelevant. *Attention, Perception, and Psychophysics*, **2019**, 81, 20-34	2	31
41	Eye movement control in scene viewing and reading: evidence from the stimulus onset delay paradigm. *Journal of Experimental Psychology: Human Perception and Performance*, **2013**, 39, 10-5	2.6	29

40	Scan patterns during real-world scene viewing predict individual differences in cognitive capacity. *Journal of Vision*, **2017**, 17, 23	0.4	24
39	The Influence of Content Meaningfulness on Eye Movements across Tasks: Evidence from Scene Viewing and Reading. *Frontiers in Psychology*, **2016**, 7, 257	3.4	23
38	Lexical Predictability During Natural Reading: Effects of Surprisal and Entropy Reduction. *Cognitive Science*, **2018**, 42 Suppl 4, 1166-1183	2.2	19
37	Meaning and Attentional Guidance in Scenes: A Review of the Meaning Map Approach. *Vision (Switzerland)*, **2019**, 3,	2.3	18
36	Neural correlates of active vision: An fMRI comparison of natural reading and scene viewing. *Neuropsychologia*, **2015**, 75, 109-18	3.2	18
35	The Interface of Language, Vision, and Action		18
34	The role of meaning in attentional guidance during free viewing of real-world scenes. *Acta Psychologica*, **2019**, 198, 102889	1.7	17
33	Incidental memory for parts of scenes from eye movements. *Visual Cognition*, **2014**, 22, 975-995	1.8	16
32	Electrophysiological evidence for preserved primacy of lexical prediction in aging. *Neuropsychologia* , **2018**, 117, 135-147	3.2	16
31	Conscious and unconscious memory differentially impact attention: Eye movements, visual search, and recognition processes. *Cognition*, **2019**, 185, 71-82	3.5	15
30	Differential detection of global luminance and contrast changes across saccades and flickers during active scene perception. *Vision Research*, **2008**, 48, 16-29	2.1	13
29	Observers' cognitive states modulate how visual inputs relate to gaze control. *Journal of Experimental Psychology: Human Perception and Performance*, **2016**, 42, 1429-42	2.6	13
28	Overt attentional prioritization of new objects and feature changes during real-world scene viewing. *Visual Cognition*, **2009**, 17, 835-855	1.8	12
27	Linearization strategies during language production. *Memory and Cognition*, **1998**, 26, 88-96	2.2	12
26	Dissociating temporal inhibition of return and saccadic momentum across multiple eye-movement tasks. *Journal of Vision*, **2014**, 14, 9	0.4	11
25	Neural correlates of individual differences in fixation duration during natural reading. *Quarterly Journal of Experimental Psychology*, **2017**, 1-33	1.8	9
24	The spatial distribution of attention predicts familiarity strength during encoding and retrieval. *Journal of Experimental Psychology: General*, **2020**, 149, 2046-2062	4.7	9
23	Looking for Semantic Similarity: What a Vector-Space Model of Semantics Can Tell Us About Attention in Real-World Scenes. *Psychological Science*, **2021**, 32, 1262-1270	7.9	9

22	To search or to like: Mapping fixations to differentiate two forms of incidental scene memory. *Journal of Vision*, **2017**, 17, 8	0.4	8
21	Children's eye-movements during reading reflect the quality of lexical representations: An individual differences approach. *Journal of Experimental Psychology: Learning Memory and Cognition* , **2015**, 41, 1675-83	2.2	8
20	Where the action could be: Speakers look at graspable objects and meaningful scene regions when describing potential actions. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2020**, 46, 1659-1681	2.2	8
19	When scenes speak louder than words: Verbal encoding does not mediate the relationship between scene meaning and visual attention. *Memory and Cognition*, **2020**, 48, 1181-1195	2.2	6
18	Center Bias Does Not Account for the Advantage of Meaning Over Salience in Attentional Guidance During Scene Viewing. *Frontiers in Psychology*, **2020**, 11, 1877	3.4	6
17	Task-Related Differences in Eye Movements in Individuals With Aphasia. *Frontiers in Psychology*, **2018**, 9, 2430	3.4	6
16	Rapid Extraction of the Spatial Distribution of Physical Saliency and Semantic Informativeness from Natural Scenes in the Human Brain. *Journal of Neuroscience*, **2021**,	6.6	5
15	Why do we retrace our visual steps? Semantic and episodic memory in gaze reinstatement. *Learning and Memory*, **2020**, 27, 275-283	2.8	5
14	Meaning maps capture the density of local semantic features in scenes: A reply to Pedziwiatr, Kümmerer, Wallis, Bethge & Teufel (2021). *Cognition*, **2021**, 214, 104742	3.5	5
13	Overt attentional correlates of memorability of scene images and their relationships to scene semantics. *Journal of Vision*, **2020**, 20, 2	0.4	4
12	Visual attention and saccadic eye movements in complex visual tasks. *Behavioral and Brain Sciences*, **1993**, 16, 579-580	0.9	2
11	When more is more: redundant modifiers can facilitate visual search. *Cognitive Research: Principles and Implications*, **2021**, 6, 10	2.7	2
10	Deep saliency models learn low-, mid-, and high-level features to predict scene attention. *Scientific Reports*, **2021**, 11, 18434	4.9	2
9	Introduction to "Computational Approaches to Reading and Scene Perception" *Visual Cognition*, **2012**, 20, 357-359	1.8	1
8	Meaning and expected surfaces combine to guide attention during visual search in scenes. *Journal of Vision*, **2021**, 21, 1	0.4	1
7	Scene semantics outperform center bias during scene memorization, image saliency models do not. *Journal of Vision*, **2019**, 19, 161c	0.4	1
6	Meaning Guides Attention in Real-World Scene Images: Evidence from Eye Movements and Meaning Maps		1
5	Linking patterns of infant eye movements to a neural network model of the ventral stream using representational similarity analysis. *Developmental Science*, **2022**, 25, e13155	4.5	1

4	Episodic memory processes modulate how schema knowledge is used in spatial memory decisions.. *Cognition*, **2022**, 225, 105111	3.5	0
3	Scene meaning and salience are suppressed during arbitrary visual search. *Journal of Vision*, **2018**, 18, 5	0.4	
2	Cortical Control of Eye Movements in Natural Tasks. *Journal of Vision*, **2018**, 18, 203	0.4	
1	The Relationship Between Salience and Meaning During Real-World Scene Viewing. *Journal of Vision*, **2017**, 17, 301	0.4	