

Daniel J Simons

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.

112
papers

14,239
citations

50
h-index

119
g-index

124
ext. papers

16,160
ext. citations

4.2
avg, IF

6.99
L-index

#	Paper	IF	Citations
112	Gorillas in our midst: sustained inattention blindness for dynamic events. <i>Perception</i> , 1999 , 28, 1059-74	11.2	1642
111	Change blindness. <i>Trends in Cognitive Sciences</i> , 1997 , 1, 261-7	14	1088
110	Change blindness: past, present, and future. <i>Trends in Cognitive Sciences</i> , 2005 , 9, 16-20	14	737
109	Do "Brain-Training" Programs Work?. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2016 , 17, 103-186	18.6	572
108	The effects of video game playing on attention, memory, and executive control. <i>Acta Psychologica</i> , 2008 , 129, 387-98	1.7	564
107	Gorillas in our midst: sustained inattention blindness for dynamic events. <i>Perception</i> , 1999 , 28, 1059-1074	11.2	507
106	In Sight, Out of Mind: When Object Representations Fail. <i>Psychological Science</i> , 1996 , 7, 301-305	7.9	463
105	Failure to detect changes to people during a real-world interaction. <i>Psychonomic Bulletin and Review</i> , 1998 , 5, 644-649	4.1	428
104	Moving and looming stimuli capture attention. <i>Perception & Psychophysics</i> , 2003 , 65, 999-1010		427
103	What you see is what you set: sustained inattention blindness and the capture of awareness. <i>Psychological Review</i> , 2005 , 112, 217-42	6.3	412
102	Current Approaches to Change Blindness. <i>Visual Cognition</i> , 2000 , 7, 1-15	1.8	370
101	The Value of Direct Replication. <i>Perspectives on Psychological Science</i> , 2014 , 9, 76-80	9.8	363
100	The Pervasive Problem With Placebos in Psychology: Why Active Control Groups Are Not Sufficient to Rule Out Placebo Effects. <i>Perspectives on Psychological Science</i> , 2013 , 8, 445-54	9.8	363
99	Constraints on Generality (COG): A Proposed Addition to All Empirical Papers. <i>Perspectives on Psychological Science</i> , 2017 , 12, 1123-1128	9.8	347
98	Attentional capture and inattention blindness. <i>Trends in Cognitive Sciences</i> , 2000 , 4, 147-155	14	345
97	Failure to detect changes to attended objects in motion pictures. <i>Psychonomic Bulletin and Review</i> , 1997 , 4, 501-506	4.1	297
96	How not to be seen: the contribution of similarity and selective ignoring to sustained inattention blindness. <i>Psychological Science</i> , 2001 , 12, 9-17	7.9	294

95	Perceiving Real-World Viewpoint Changes. <i>Psychological Science</i> , 1998 , 9, 315-320	7.9	264
94	Do action video games improve perception and cognition?. <i>Frontiers in Psychology</i> , 2011 , 2, 226	3.4	259
93	Active and passive scene recognition across views. <i>Cognition</i> , 1999 , 70, 191-210	3.5	226
92	Change blindness in the absence of a visual disruption. <i>Perception</i> , 2000 , 29, 1143-54	1.2	214
91	Spatiotemporal continuity, smoothness of motion and object identity in infancy. <i>British Journal of Developmental Psychology</i> , 1995 , 13, 113-142	2	188
90	Change Blindness: Theory and Consequences. <i>Current Directions in Psychological Science</i> , 2005 , 14, 44-486.5	185	
89	Change Blindness Blindness: The Metacognitive Error of Overestimating Change-detection Ability. <i>Visual Cognition</i> , 2000 , 7, 397-412	1.8	185
88	Two dogmas of conceptual empiricism: implications for hybrid models of the structure of knowledge. <i>Cognition</i> , 1998 , 65, 103-35	3.5	176
87	Do new objects capture attention?. <i>Psychological Science</i> , 2005 , 16, 275-81	7.9	142
86	An abstract to concrete shift in the development of biological thought: the insides story. <i>Cognition</i> , 1995 , 56, 129-63	3.5	135
85	Better than average: alternatives to statistical summary representations for rapid judgments of average size. <i>Perception & Psychophysics</i> , 2008 , 70, 772-88		132
84	Nothing compares 2 views: change blindness can occur despite preserved access to the changed information. <i>Perception & Psychophysics</i> , 2004 , 66, 1268-81		125
83	Common (mis)beliefs about memory: a replication and comparison of telephone and Mechanical Turk survey methods. <i>PLoS ONE</i> , 2012 , 7, e51876	3.7	119
82	Evidence for preserved representations in change blindness. <i>Consciousness and Cognition</i> , 2002 , 11, 78-97.6	110	
81	Imaging implicit perception: promise and pitfalls. <i>Nature Reviews Neuroscience</i> , 2005 , 6, 247-55	13.5	108
80	Striatal volume predicts level of video game skill acquisition. <i>Cerebral Cortex</i> , 2010 , 20, 2522-30	5.1	106
79	An Introduction to Registered Replication Reports at Perspectives on Psychological Science. <i>Perspectives on Psychological Science</i> , 2014 , 9, 552-5	9.8	97
78	The relationship between visual attention and expertise in sports. <i>Psychology of Sport and Exercise</i> , 2009 , 10, 146-151	4.2	95

77	Detecting Changes in Novel, Complex Three-dimensional Objects. <i>Visual Cognition</i> , 2000 , 7, 297-322	1.8	95
76	What people believe about how memory works: a representative survey of the U.S. population. <i>PLoS ONE</i> , 2011 , 6, e22757	3.7	94
75	You do not talk about Fight Club if you do not notice Fight Club: Inattentional blindness for a simulated real-world assault. <i>I-Perception</i> , 2011 , 2, 150-3	1.2	80
74	Change blindness and inattentional blindness. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2011 , 2, 529-546	4.5	76
73	The siren song of implicit change detection.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002 , 28, 798-815	2.6	75
72	Effects of training strategies implemented in a complex videogame on functional connectivity of attentional networks. <i>NeuroImage</i> , 2012 , 59, 138-48	7.9	73
71	Transfer of skill engendered by complex task training under conditions of variable priority. <i>Acta Psychologica</i> , 2010 , 135, 349-57	1.7	67
70	Memory for centrally attended changing objects in an incidental real-world change detection paradigm. <i>British Journal of Psychology</i> , 2002 , 93, 289-302	4	66
69	Ensemble representations: effects of set size and item heterogeneity on average size perception. <i>Acta Psychologica</i> , 2013 , 142, 245-50	1.7	62
68	The effects of individual differences and task difficulty on inattentional blindness. <i>Psychonomic Bulletin and Review</i> , 2009 , 16, 398-403	4.1	62
67	The size and shape of the attentional "spotlight" varies with differences in sports expertise. <i>Journal of Experimental Psychology: Applied</i> , 2014 , 20, 147-57	1.8	59
66	The relationship between change detection and recognition of centrally attended objects in motion pictures. <i>Perception</i> , 2003 , 32, 947-62	1.2	55
65	Attention capture is modulated in dual-task situations. <i>Psychonomic Bulletin and Review</i> , 2005 , 12, 662-84.1	4.1	54
64	Performance gains from directed training do not transfer to untrained tasks. <i>Acta Psychologica</i> , 2012 , 139, 146-58	1.7	53
63	Spatial updating relies on an egocentric representation of space: effects of the number of objects. <i>Psychonomic Bulletin and Review</i> , 2006 , 13, 281-6	4.1	52
62	The dynamic events that capture visual attention: A reply to Abrams and Christ (2005). <i>Perception & Psychophysics</i> , 2005 , 67, 962-6		50
61	Working memory and inattentional blindness. <i>Psychonomic Bulletin and Review</i> , 2012 , 19, 239-44	4.1	48
60	The importance of information localization in scene gist recognition. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2007 , 33, 1431-50	2.6	48

59	Examining cognitive interference and adaptive safety behaviours in tactical vehicle control. <i>Ergonomics</i> , 2007 , 50, 1340-50	2.9	47
58	Fixation strategy influences the ability to focus attention on two spatially separate objects. <i>PLoS ONE</i> , 2013 , 8, e65673	3.7	45
57	A consensus-based transparency checklist. <i>Nature Human Behaviour</i> , 2020 , 4, 4-6	12.8	45
56	Inattentional Blindness and Individual Differences in Cognitive Abilities. <i>PLoS ONE</i> , 2015 , 10, e0134675	3.7	44
55	Perceiving Stability in a Changing World: Combining Shots and Intergrating Views in Motion Pictures and the Real World. <i>Media Psychology</i> , 2000 , 2, 357-380	2.9	44
54	On the Other Side of the Mirror: Priming in Cognitive and Social Psychology. <i>Social Cognition</i> , 2014 , 32, 12-32	1.2	42
53	Searching for stimulus-driven shifts of attention. <i>Psychonomic Bulletin and Review</i> , 2004 , 11, 876-81	4.1	41
52	Unskilled and optimistic: overconfident predictions despite calibrated knowledge of relative skill. <i>Psychonomic Bulletin and Review</i> , 2013 , 20, 601-7	4.1	40
51	Average size perception and the allure of a new mechanism. <i>Perception & Psychophysics</i> , 2008 , 70, 1335-1336		37
50	Object recognition is mediated by extraretinal information. <i>Perception & Psychophysics</i> , 2002 , 64, 521-30		35
49	Monkeying around with the gorillas in our midst: familiarity with an inattentional-blindness task does not improve the detection of unexpected events. <i>I-Perception</i> , 2010 , 1, 3-6	1.2	34
48	Changes are not localized before they are explicitly detected. <i>Visual Cognition</i> , 2002 , 9, 937-968	1.8	34
47	Predicting individuals' learning success from patterns of pre-learning MRI activity. <i>PLoS ONE</i> , 2011 , 6, e16093	3.7	32
46	Fruitful visual search: inhibition of return in a virtual foraging task. <i>Psychonomic Bulletin and Review</i> , 2006 , 13, 891-5	4.1	32
45	Is the effect of aerobic exercise on cognition a placebo effect?. <i>PLoS ONE</i> , 2014 , 9, e109557	3.7	27
44	Links between neuroticism, emotional distress, and disengaging attention: evidence from a single-target RSVP task. <i>Cognition and Emotion</i> , 2011 , 25, 1510-9	2.3	26
43	New objects do not capture attention without a sensory transient. <i>Attention, Perception, and Psychophysics</i> , 2010 , 72, 1298-310	2	24
42	No Evidence That Experiencing Physical Warmth Promotes Interpersonal Warmth. <i>Social Psychology</i> , 2019 , 50, 127-132	2.5	24

41	Working-memory performance is related to spatial breadth of attention. <i>Psychological Research</i> , 2015 , 79, 1034-41	2.5	23
40	A load on my mind: evidence that anhedonic depression is like multi-tasking. <i>Acta Psychologica</i> , 2012 , 139, 137-45	1.7	20
39	Visual sensing IS seeing: why "mindsight," in hindsight, is blind. <i>Psychological Science</i> , 2005 , 16, 520-4	7.9	19
38	Does working memory capacity predict cross-modally induced failures of awareness?. <i>Consciousness and Cognition</i> , 2016 , 39, 18-27	2.6	18
37	Advances in video game methods and reporting practices (but still room for improvement): a commentary on Strobach, Frensch, and Schubert (2012). <i>Acta Psychologica</i> , 2012 , 141, 276-7; discussion 278-80	1.7	17
36	The Influence of Attention Set, Working Memory Capacity, and Expectations on Inattentional Blindness. <i>Perception</i> , 2016 , 45, 386-99	1.2	16
35	Using Mechanical Turk to Assess the Effects of Age and Spatial Proximity on Inattentional Blindness. <i>Collabra</i> , 2015 , 1,		16
34	Change detection: training and transfer. <i>PLoS ONE</i> , 2013 , 8, e67781	3.7	15
33	What Makes Change Blindness Interesting?. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2003 , 42, 295-322	1.4	12
32	Attention Capture, Orienting, and Awareness. <i>Advances in Psychology</i> , 2001 , 133, 151-173		12
31	65% of Americans believe they are above average in intelligence: Results of two nationally representative surveys. <i>PLoS ONE</i> , 2018 , 13, e0200103	3.7	12
30	The costs (or benefits) associated with attended objects do little to influence inattentional blindness. <i>Acta Psychologica</i> , 2017 , 173, 101-105	1.7	11
29	Inattentional blindness for a gun during a simulated police vehicle stop. <i>Cognitive Research: Principles and Implications</i> , 2017 , 2, 37	2.7	11
28	Do Easterners and Westerners Differ in Visual Cognition? A Preregistered Examination of Three Visual Cognition Tasks. <i>Social Psychological and Personality Science</i> , 2017 , 8, 142-152	4.3	11
27	Action information from classification learning. <i>Psychonomic Bulletin and Review</i> , 2007 , 14, 500-4	4.1	11
26	Overestimation of Action-Game Training Effects: Publication Bias and Salami Slicing. <i>Collabra: Psychology</i> , 2019 , 5,	2.8	11
25	Making Science Transparent By Default; Introducing the TOP Statement		9
24	Individual differences in emotional distress and susceptibility to inattentional blindness.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 2014 , 1, 370-386	1.8	8

23	Processing without noticing in inattention blindness: A replication of Moore and Egeth (1997) and Mack and Rock (1998). <i>Attention, Perception, and Psychophysics</i> , 2019 , 81, 1-11	2	7
22	Examining the Efficacy of Training Interventions in Improving Older Driver Performance. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 144-148	0.4	6
21	The Role of Expectations in Change Detection and Attentional Capture 2001 , 189-207		6
20	As if by Magic: An Abrupt Change in Motion Direction Induces Change Blindness. <i>Psychological Science</i> , 2019 , 30, 436-443	7.9	5
19	Selective Attention in Inattention Blindness: Selection is Specific but Suppression is Not. <i>Cognition: Psychology</i> , 2017 , 3,	2.8	5
18	Behavioral, neuroimaging, and neuropsychological approaches to implicit perception 207-250		5
17	What to Where: The Right Attention Set for the Wrong Location. <i>Perception</i> , 2019 , 48, 602-615	1.2	3
16	Induced Failures of Visual Awareness. <i>Journal of Vision</i> , 2003 , 3, i	0.4	3
15	Attention Capture: The Interplay of Expectations, Attention, and Awareness 2005 , 69-75		3
14	The Trajectory of Truth: A Longitudinal Study of the Illusory Truth Effect. <i>Journal of Cognition</i> , 2021 , 4, 29	3.2	3
13	Reconciling change blindness with long-term memory for objects. <i>Attention, Perception, and Psychophysics</i> , 2017 , 79, 438-448	2	2
12	The spatial allocation of attention in an interactive environment. <i>Cognitive Research: Principles and Implications</i> , 2019 , 4, 13	2.7	2
11	Consensus-based guidance for conducting and reporting multi-analyst studies. <i>ELife</i> , 2021 , 10,	8.9	2
10	Constraints on Generality (COG): A Proposed Addition to All Empirical Papers		2
9	The role of similarity in inattention blindness: Selective enhancement, selective suppression, or both? Author Note: KW and DJS jointly planned and designed the experiments. KW coded the experiments, conducted the analysis, and drafted the manuscript, and both authors critically edited the manuscript. The preregistration documentation and all materials are available at https://osf.io/8z9kx/	1.8	1
8	Change blindness, Gibson, and the sensorimotor theory of vision. <i>Behavioral and Brain Sciences</i> , 2001 , 24, 1004-1006	0.9	1
7	A reproducible systematic map of research on the illusory truth effect. <i>Psychonomic Bulletin and Review</i> , 2021 , 1	4.1	1
6	Introduction to the Forum on When and Whether Psychological Research is Ready for Use in the Justice System. <i>Journal of Applied Research in Memory and Cognition</i> , 2016 , 5, 233-235	2.3	1

5	Now or never: noticing occurs early in sustained inattention blindness. <i>Royal Society Open Science</i> , 2019 , 6, 191333	3.3	1
4	Using the flicker task to estimate visual working memory storage capacity. <i>Attention, Perception, and Psychophysics</i> , 2020 , 82, 1271-1289	2	1
3	Change blindness, representations, and embodied cognition: comment on "Embodied cognition and the perception-action link" by Bridgeman and Tseng. <i>Physics of Life Reviews</i> , 2011 , 8, 86-7	2.1	
2	Objective measures of awareness: why not aim higher?. <i>Nature Reviews Neuroscience</i> , 2005 , 6, 258-258	13.5	
1	Constraints on generality statements are needed to define direct replication. <i>Behavioral and Brain Sciences</i> , 2018 , 41, e148	0.9	