Jeremy M Wolfe

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#	Paper	IF	Citations
296	Guided Search 2.0 A revised model of visual search. <i>Psychonomic Bulletin and Review</i> , 1994 , 1, 202-38	4.1	2459
295	Guided search: An alternative to the feature integration model for visual search <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1989 , 15, 419-433	2.6	1337
294	What attributes guide the deployment of visual attention and how do they do it?. <i>Nature Reviews Neuroscience</i> , 2004 , 5, 495-501	13.5	1130
293	What Can 1 Million Trials Tell Us About Visual Search?. <i>Psychological Science</i> , 1998 , 9, 33-39	7.9	596
292	Modeling the role of parallel processing in visual search. <i>Cognitive Psychology</i> , 1990 , 22, 225-71	3.1	502
291	Visual search has no memory. <i>Nature</i> , 1998 , 394, 575-7	50.4	437
2 90	Changing your mind: on the contributions of top-down and bottom-up guidance in visual search for feature singletons. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2003 , 29, 483-502	2.6	360
289	Cognitive psychology: rare items often missed in visual searches. <i>Nature</i> , 2005 , 435, 439-40	50.4	357
288	The order of visual processing: "Top-down," "bottom-up", or "middle-out". <i>Perception & Psychophysics</i> , 1979 , 25, 225-31		349
287	Visual search in scenes involves selective and nonselective pathways. <i>Trends in Cognitive Sciences</i> , 2011 , 15, 77-84	14	348
286	Just say no: how are visual searches terminated when there is no target present?. <i>Cognitive Psychology</i> , 1996 , 30, 39-78	3.1	320
285	Five factors that guide attention in visual search. <i>Nature Human Behaviour</i> , 2017 , 1,	12.8	313
284	Guided Search 4.0 2007 , 99-119		308
283	The invisible gorilla strikes again: sustained inattentional blindness in expert observers. <i>Psychological Science</i> , 2013 , 24, 1848-53	7.9	285
282	Preattentive object files: shapeless bundles of basic features. Vision Research, 1997, 37, 25-43	2.1	277
281	Low target prevalence is a stubborn source of errors in visual search tasks. <i>Journal of Experimental Psychology: General</i> , 2007 , 136, 623-38	4.7	240
280	How fast can you change your mind? The speed of top-down guidance in visual search. <i>Vision Research</i> , 2004 , 44, 1411-26	2.1	236

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279	Moving towards solutions to some enduring controversies in visual search. <i>Trends in Cognitive Sciences</i> , 2003 , 7, 70-76	14	232
278	The role of categorization in visual search for orientation <i>Journal of Experimental Psychology:</i> Human Perception and Performance, 1992 , 18, 34-49	2.6	231
277	Asymmetries in visual search: an introduction. <i>Perception & Psychophysics</i> , 2001 , 63, 381-9		196
276	Why is visual search superior in autism spectrum disorder?. <i>Developmental Science</i> , 2009 , 12, 1083-96	4.5	192
275	Reversing ocular dominance and suppression in a single flash. Vision Research, 1984, 24, 471-8	2.1	177
274	Varying target prevalence reveals two dissociable decision criteria in visual search. <i>Current Biology</i> , 2010 , 20, 121-4	6.3	174
273	The psychophysical evidence for a binding problem in human vision. <i>Neuron</i> , 1999 , 24, 11-7, 111-25	13.9	160
272	Postattentive vision <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000 , 26, 693-716	2.6	158
271	Why are there eccentricity effects in visual search? Visual and attentional hypotheses. <i>Perception & Psychophysics</i> , 1998 , 60, 140-56		154
270	"Effortless" texture segmentation and "parallel" visual search are not the same thing. <i>Vision Research</i> , 1992 , 32, 757-63	2.1	154
269	Visual search in continuous, naturalistic stimuli. Vision Research, 1994, 34, 1187-95	2.1	142
268	Influence of spatial frequency, luminance, and duration on binocular rivalry and abnormal fusion of briefly presented dichoptic stimuli. <i>Perception</i> , 1983 , 12, 447-56	1.2	140
267	Does contextual cuing guide the deployment of attention?. <i>Journal of Experimental Psychology:</i> Human Perception and Performance, 2007 , 33, 816-28	2.6	136
266	Segmentation of objects from backgrounds in visual search tasks. Vision Research, 2002, 42, 2985-3004	2.1	131
265	Second-order parallel processing: Visual search for the odd item in a subset <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1995 , 21, 531-551	2.6	130
264	Stereopsis and binocular rivalry <i>Psychological Review</i> , 1986 , 93, 269-282	6.3	126
263	Informatics in radiology: what can you see in a single glance and how might this guide visual search in medical images?. <i>Radiographics</i> , 2013 , 33, 263-74	5.4	124
262	Tracking unique objects. <i>Perception & Psychophysics</i> , 2007 , 69, 172-84		120

261	If you don't find it often, you often don't find it: why some cancers are missed in breast cancer screening. <i>PLoS ONE</i> , 2013 , 8, e64366	3.7	118
260	Saved by a log: how do humans perform hybrid visual and memory search?. <i>Psychological Science</i> , 2012 , 23, 698-703	7.9	115
259	Limitations on the parallel guidance of visual search: Color © olor and Orientation © rientation conjunctions <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990 , 16, 879-89	2 ^{2.6}	112
258	Auditory recognition memory is inferior to visual recognition memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 6008-10	11.5	111
257	Differential electrophysiological signatures of semantic and syntactic scene processing. <i>Psychological Science</i> , 2013 , 24, 1816-23	7.9	109
256	Reaction time distributions constrain models of visual search. Vision Research, 2010, 50, 1304-11	2.1	108
255	What are the shapes of response time distributions in visual search?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011 , 37, 58-71	2.6	104
254	Scanners and drillers: characterizing expert visual search through volumetric images. <i>Journal of Vision</i> , 2013 , 13,	0.4	101
253	Search for multiple targets: remember the targets, forget the search. <i>Perception & Psychophysics</i> , 2001 , 63, 272-85		101
252	Reconsidering Yarbus: a failure to predict observers' task from eye movement patterns. <i>Vision Research</i> , 2012 , 62, 1-8	2.1	98
251	Visual search for arbitrary objects in real scenes. Attention, Perception, and Psychophysics, 2011, 73, 165	0₂71	96
250	When does repeated search in scenes involve memory? Looking at versus looking for objects in scenes. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2012 , 38, 23-41	2.6	95
249	Binocularity and visual search. <i>Perception & Psychophysics</i> , 1988 , 44, 81-93		93
248	When is it time to move to the next raspberry bush? Foraging rules in human visual search. <i>Journal of Vision</i> , 2013 , 13, 10	0.4	92
247	Fractionating the binding process: neuropsychological evidence distinguishing binding of form from binding of surface features. <i>Vision Research</i> , 2000 , 40, 1569-96	2.1	91
246	Color channels, not color appearance or color categories, guide visual search for desaturated color targets. <i>Psychological Science</i> , 2010 , 21, 1208-14	7.9	90
245	Attention is fast but volition is slow. <i>Nature</i> , 2000 , 406, 691	50.4	87
244	Searching night and day: a dissociation of effects of circadian phase and time awake on visual selective attention and vigilance. <i>Psychological Science</i> , 2003 , 14, 549-57	7.9	83

243	Curvature is a basic feature for visual search tasks. <i>Perception</i> , 1992 , 21, 465-80	1.2	83
242	Memory for rejected distractors in visual search?. Visual Cognition, 2003, 10, 257-298	1.8	82
241	Efficacy of bright light and sleep/darkness scheduling in alleviating circadian maladaptation to night work. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E384-91	6	82
240	Don't Pack Your iPod in Honey: Lessons from the Study of Visual Search. <i>I-Perception</i> , 2011 , 2, 236-236	1.2	78
239	The gist of the abnormal: above-chance medical decision making in the blink of an eye. <i>Psychonomic Bulletin and Review</i> , 2013 , 20, 1170-5	4.1	75
238	Using fMRI to distinguish components of the multiple object tracking task. <i>Journal of Vision</i> , 2009 , 9, 10.1-11	0.4	<i>75</i>
237	Optimizing analysis, visualization, and navigation of large image data sets: one 5000-section CT scan can ruin your whole day. <i>Radiology</i> , 2011 , 259, 346-62	20.5	73
236	Visual search. Current Biology, 2010 , 20, R346-9	6.3	73
235	Visual Attention 2000 , 335-386		73
234	Fixational eye movements are not an index of covert attention. <i>Psychological Science</i> , 2007 , 18, 356-63	7.9	70
233	Failures of perception in the low-prevalence effect: Evidence from active and passive visual search. Journal of Experimental Psychology: Human Perception and Performance, 2015 , 41, 977-94	2.6	69
232	Why do we miss rare targets? Exploring the boundaries of the low prevalence effect. <i>Journal of Vision</i> , 2008 , 8, 15.1-17	0.4	69
231	Prevalence of abnormalities influences cytologists' error rates in screening for cervical cancer. <i>Archives of Pathology and Laboratory Medicine</i> , 2011 , 135, 1557-60	5	65
230	On the Role of Symmetry in Visual Search. <i>Psychological Science</i> , 1992 , 3, 194-198	7.9	65
229	Prevalence effects in newly trained airport checkpoint screeners: trained observers miss rare targets, too. <i>Journal of Vision</i> , 2013 , 13, 33	0.4	64
228	Visual memory: what do you know about what you saw?. Current Biology, 1998, 8, R303-4	6.3	63
227	The Parallel Guidance of Visual Attention. <i>Current Directions in Psychological Science</i> , 1992 , 1, 124-128	6.5	63
226	Short test flashes produce large tilt aftereffects. <i>Vision Research</i> , 1984 , 24, 1959-64	2.1	62

225	The role of memory for visual search in scenes. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1339, 72-81	6.5	61
224	Inhibitory tagging in visual search: a failure to replicate. <i>Perception & Psychophysics</i> , 1990 , 48, 357-62		60
223	Even in correctable search, some types of rare targets are frequently missed. <i>Attention, Perception, and Psychophysics</i> , 2009 , 71, 541-53	2	57
222	Contextual cuing by global features. Perception & Psychophysics, 2006, 68, 1204-16		57
221	Is accommodation colorblind? Focusing chromatic contours. <i>Perception</i> , 1981 , 10, 53-62	1.2	57
220	Auditory and visual memory in musicians and nonmusicians. <i>Psychonomic Bulletin and Review</i> , 2011 , 18, 586-91	4.1	56
219	The interplay of episodic and semantic memory in guiding repeated search in scenes. <i>Cognition</i> , 2013 , 126, 198-212	3.5	55
218	Visual search asymmetries in motion and optic flow fields. <i>Perception & Psychophysics</i> , 2001 , 63, 436-44		55
217	Guided Search 6.0: An updated model of visual search. <i>Psychonomic Bulletin and Review</i> , 2021 , 28, 1060-	-1,092	53
216	Panoramic search: the interaction of memory and vision in search through a familiar scene. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2004 , 30, 1132-46	2.6	51
215	Time to Guide: Evidence for Delayed Attentional Guidance in Contextual Cueing. <i>Visual Cognition</i> , 2008 , 16, 804-825	1.8	50
214	The role of object categories in hybrid visual and memory search. <i>Journal of Experimental Psychology: General</i> , 2014 , 143, 1585-99	4.7	49
213	Delineating the neural signatures of tracking spatial position and working memory during attentive tracking. <i>Journal of Neuroscience</i> , 2011 , 31, 659-68	6.6	48
212	A half-second glimpse often lets radiologists identify breast cancer cases even when viewing the mammogram of the opposite breast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10292-7	11.5	47
211	The role of memory and restricted context in repeated visual search. <i>Perception & Psychophysics</i> , 2008 , 70, 314-28		45
210	How do we track invisible objects?. <i>Psychonomic Bulletin and Review</i> , 2006 , 13, 516-23	4.1	41
209	Neural measures of dynamic changes in attentive tracking load. <i>Journal of Cognitive Neuroscience</i> , 2012 , 24, 440-50	3.1	40
208	A purely binocular mechanism in human vision. <i>Vision Research</i> , 1981 , 21, 1755-9	2.1	40

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207	HOW DO RADIOLOGISTS USE THE HUMAN SEARCH ENGINE?. <i>Radiation Protection Dosimetry</i> , 2016 , 169, 24-31	0.9	39
206	Why don't we see changes?: The role of attentional bottlenecks and limited visual memory. <i>Visual Cognition</i> , 2006 , 14, 749-780	1.8	39
205	Does visual expertise improve visual recognition memory?. <i>Attention, Perception, and Psychophysics</i> , 2011 , 73, 30-5	2	37
204	Seek and you shall remember: scene semantics interact with visual search to build better memories. Journal of Vision, 2014 , 14, 10	0.4	35
203	The speed of free will. Quarterly Journal of Experimental Psychology, 2009, 62, 2262-88	1.8	34
202	The effects of local prevalence and explicit expectations on search termination times. <i>Attention, Perception, and Psychophysics</i> , 2012 , 74, 115-23	2	33
201	Looking at scenes while searching for numbers: dividing attention multiplies space. <i>Perception & Psychophysics</i> , 2008 , 70, 1337-49		33
200	Do Multielement Visual Tracking and Visual Search Draw Continuously on the Same Visual Attention Resources?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2005 , 31, 643-667	2.6	33
199	Visual Search: How Do We Find What We Are Looking For?. <i>Annual Review of Vision Science</i> , 2020 , 6, 539	9-8.62	33
198	Do intersections serve as basic features in visual search?. <i>Perception</i> , 2003 , 32, 645-56	1.2	32
197	Quick assessment of preferential looking acuity in infants. Optometry and Vision Science, 1980, 57, 420-	72.1	32
196	Global factors in the Hermann grid illusion. <i>Perception</i> , 1984 , 13, 33-40	1.2	31
195	Do multielement visual tracking and visual search draw continuously on the same visual attention resources?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2005 , 31, 643-67	2.6	31
194	When categories collide: accumulation of information about multiple categories in rapid scene perception. <i>Psychological Science</i> , 2011 , 22, 739-46	7.9	30
193	Is visual attention required for robust picture memory?. Vision Research, 2007, 47, 955-64	2.1	30
192	Attentional pursuit is faster than attentional saccade. <i>Journal of Vision</i> , 2004 , 4, 585-603	0.4	30
191	You think you know where you looked? You better look again. <i>Journal of Experimental Psychology:</i> Human Perception and Performance, 2016 , 42, 1477-81	2.6	30
190	Radiologists can detect the 'gist' of breast cancer before any overt signs of cancer appear. <i>Scientific Reports</i> , 2018 , 8, 8717	4.9	29

189	Infant visual acuity is underestimated because near threshold gratings are not preferentially fixated. <i>Vision Research</i> , 1979 , 19, 1377-9	2.1	29
188	The representation of location in visual images. <i>Cognitive Psychology</i> , 1994 , 26, 1-32	3.1	28
187	Part-whole information is useful in visual search for size x size but not orientation x orientation conjunctions. <i>Perception & Psychophysics</i> , 1995 , 57, 749-60		27
186	Hybrid foraging search: Searching for multiple instances of multiple types of target. <i>Vision Research</i> , 2016 , 119, 50-9	2.1	26
185	When and why might a computer-aided detection (CAD) system interfere with visual search? An eye-tracking study. <i>Academic Radiology</i> , 2012 , 19, 1260-7	4.3	26
184	Briefly presented stimuli can disrupt constant suppression and binocular rivalry suppression. <i>Perception</i> , 1986 , 15, 413-7	1.2	26
183	Extending guided search: Why guided search needs a preattentive "item map"247-270		26
182	Spatial and temporal separation fails to counteract the effects of low prevalence in visual search. <i>Visual Cognition</i> , 2010 , 18, 881-897	1.8	25
181	Multiple object juggling: changing what is tracked during extended multiple object tracking. <i>Psychonomic Bulletin and Review</i> , 2007 , 14, 344-9	4.1	25
180	The binding problem lives on: comment on Di Lollo. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 307-8; author reply 308-9	14	23
179	Visual Search Revived: The Slopes Are Not That Slippery: A Reply to Kristjansson (2015). <i>I-Perception</i> , 2016 , 7, 2041669516643244	1.2	23
178	Guidance and selection history in hybrid foraging visual search. <i>Attention, Perception, and Psychophysics</i> , 2019 , 81, 637-653	2	23
177	Visual search for oriented lines: the role of angular relations between targets and distractors. <i>Spatial Vision</i> , 1992 , 6, 199-207		21
176	Shared characteristics of stereopsis and the purely binocular process. <i>Vision Research</i> , 1983 , 23, 217-27	2.1	21
175	What is a preattentive feature?. Current Opinion in Psychology, 2019, 29, 19-26	6.2	21
174	Computational assessment of visual search strategies in volumetric medical images. <i>Journal of Medical Imaging</i> , 2016 , 3, 015501	2.6	20
173	Guided search for triple conjunctions. Attention, Perception, and Psychophysics, 2014, 76, 1535-59	2	20
172	Visual attention. Wiley Interdisciplinary Reviews: Cognitive Science, 2011, 2, 503-514	4.5	20

(2002-2011)

171	Differential attentional modulation of cortical responses to S-cone and luminance stimuli. <i>Journal of Vision</i> , 2011 , 11, 1	0.4	20
170	Kanizsa-type subjective contours do not guide attentional deployment in visual search but line termination contours do. <i>Perception & Psychophysics</i> , 2008 , 70, 477-88		20
169	Which end is up? Two representations of orientation in visual search. Vision Research, 1999, 39, 2075-86	2.1	20
168	Eye torsion and visual tilt are mediated by different binocular processes. Vision Research, 1979, 19, 917-	- 20 1	20
167	Textures as Global Signals of Abnormality in the Interpretation of Mammograms. <i>Journal of Vision</i> , 2018 , 18, 1	0.4	20
166	When do I quit? The search termination problem in visual search. <i>Nebraska Symposium on Motivation</i> , 2012 , 59, 183-208	0.6	20
165	Searching while loaded: Visual working memory does not interfere with hybrid search efficiency but hybrid search uses working memory capacity. <i>Psychonomic Bulletin and Review</i> , 2016 , 23, 201-12	4.1	19
164	Target absent trials in configural contextual cuing. <i>Attention, Perception, and Psychophysics</i> , 2011 , 73, 2077-91	2	19
163	Guidance of Visual Search by Preattentive Information 2005, 101-104		19
162	Getting beyond the serial/parallel debate in visual search: a hybrid approach 2001 , 178-198		19
161	When is it time to move to the next map? Optimal foraging in guided visual search. <i>Attention, Perception, and Psychophysics,</i> 2016 , 78, 2135-51	2	19
160	Even if I showed you where you looked, remembering where you just looked is hard. <i>Journal of Vision</i> , 2017 , 17, 2	0.4	18
159	Winter is coming: How humans forage in a temporally structured environment. <i>Journal of Vision</i> , 2015 , 15, 1	0.4	18
158	A binocular contribution to the production of optokinetic nystagmus in normal and stereoblind subjects. <i>Vision Research</i> , 1981 , 21, 587-90	2.1	18
157	Gravity and the tilt aftereffect. Vision Research, 1982, 22, 1075-8	2.1	18
156	Signal detection evidence for limited capacity in visual search. <i>Attention, Perception, and Psychophysics</i> , 2011 , 73, 2413-24	2	17
155	Microsaccades and Attention: Does a Weak Correlation Make an Index?: Reply to Laubrock, Engbert, Rolfs, and Kliegl (2007). <i>Psychological Science</i> , 2007 , 18, 367-368	7.9	17
154	An unbinding problem? The disintegration of visible, previously attended objects does not attract attention. <i>Journal of Vision</i> , 2002 , 2, 256-71	0.4	17

153	Binocular adaptation that cannot be measured monocularly. <i>Perception</i> , 1982 , 11, 287-95	1.2	17
152	Searching for the right word: Hybrid visual and memory search for words. <i>Attention, Perception, and Psychophysics</i> , 2015 , 77, 1132-42	2	16
151	Binocular rivalry and fusion under scotopic luminances. <i>Perception</i> , 1994 , 23, 771-84	1.2	16
150	CB Database: A change blindness database for objects in natural indoor scenes. <i>Behavior Research Methods</i> , 2016 , 48, 1343-1348	6.1	15
149	A soft handoff of attention between cerebral hemispheres. <i>Current Biology</i> , 2014 , 24, 1133-7	6.3	15
148	Hybrid search in the temporal domain: Evidence for rapid, serial logarithmic search through memory. <i>Attention, Perception, and Psychophysics</i> , 2014 , 76, 296-303	2	15
147	Gist in time: Scene semantics and structure enhance recall of searched objects. <i>Acta Psychologica</i> , 2016 , 169, 100-108	1.7	14
146	One visual search, many memory searches: An eye-tracking investigation of hybrid search. <i>Journal of Vision</i> , 2017 , 17, 5	0.4	14
145	Fur in the midst of the waters: visual search for material type is inefficient. <i>Journal of Vision</i> , 2010 , 10, 8	0.4	13
144	Visual Attention272-310		13
143	A New Multiple Object Awareness Paradigm Shows that Imperfect Knowledge of Object Location Is Still Knowledge. <i>Current Biology</i> , 2018 , 28, 3430-3434.e3	6.3	13
142	Hybrid value foraging: How the value of targets shapes human foraging behavior. <i>Attention, Perception, and Psychophysics</i> , 2018 , 80, 609-621	2	12
141	Eye Movements in Medical Image Perception: A Selective Review of Past, Present and Future. <i>Vision (Switzerland)</i> , 2019 , 3,	2.3	12
140	Apparent color-orientation bindings in the periphery can be influenced by feature binding in central vision. <i>Vision Research</i> , 2013 , 82, 58-65	2.1	12
139	Cyclopean stimulation can influence sensations of self-motion in normal and stereoblind subjects. <i>Perception & Psychophysics</i> , 1980 , 28, 139-42		12
138	Comparing search patterns in digital breast tomosynthesis and full-field digital mammography: an eye tracking study. <i>Journal of Medical Imaging</i> , 2017 , 4, 045501	2.6	12
137	Visual search. <i>Scholarpedia Journal</i> , 2008 , 3, 3325	1.5	12
136	You look familiar, but I don't care: Lure rejection in hybrid visual and memory search is not based on familiarity. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015 , 41, 1576-87	2.6	11

135	Global image properties do not guide visual search. Journal of Vision, 2011, 11,	0.4	11
134	Visual search for type of motion is based on simple motion primitives. <i>Perception</i> , 2007 , 36, 1624-34	1.2	11
133	Guided Search 5.0: Meeting the challenge of hybrid search and multiple-target foraging. <i>Journal of Vision</i> , 2015 , 15, 1106	0.4	11
132	Inversion effects in the expert classification of mammograms and faces. <i>Cognitive Research: Principles and Implications</i> , 2018 , 3, 31	2.7	11
131	Binocularity and visual search-Revisited. <i>Attention, Perception, and Psychophysics</i> , 2017 , 79, 473-483	2	10
130	Through the looking-glass: Objects in the mirror are less real. <i>Psychonomic Bulletin and Review</i> , 2015 , 22, 980-6	4.1	10
129	Using the past to anticipate the future in human foraging behavior. Vision Research, 2015, 111, 66-74	2.1	10
128	How did I miss that? Developing mixed hybrid visual search as a 'model system' for incidental finding errors in radiology. <i>Cognitive Research: Principles and Implications</i> , 2017 , 2, 35	2.7	10
127	Satisfaction of search in radiographic modalities. <i>Radiology</i> , 2011 , 261, 1000-1; author reply 1001-2	20.5	10
126	Visual search for transparency and opacity: attentional guidance by cue combination?. <i>Journal of Vision</i> , 2005 , 5, 257-74	0.4	10
125	Parallel ideas about stereopsis and binocular rivalry: A reply to Blake and O'Shea (1988) <i>Psychological Review</i> , 1988 , 95, 155-158	6.3	10
124	Afterimages, binocular rivalry, and the temporal properties of dominance and suppression. <i>Perception</i> , 1983 , 12, 439-45	1.2	10
123	Hidden visual processes. <i>Scientific American</i> , 1983 , 248, 94-103	0.5	10
122	Guided Search 4.0: A guided search model that does not require memory for rejected distractors. <i>Journal of Vision</i> , 2010 , 1, 349-349	0.4	10
121	Visual Attention: The Multiple Ways in which History Shapes Selection. Current Biology, 2019, 29, R155-	R1556	9
120	Visual Search 2018 , 1-55		9
119	Coarse guidance by numerosity in visual search. Attention, Perception, and Psychophysics, 2013, 75, 16-2	!82	9
118	Approaches to Visual Search 2014 ,		9

117	Use-inspired basic research in medical image perception. <i>Cognitive Research: Principles and Implications</i> , 2016 , 1, 17	2.7	9
116	Age doesn't matter much: hybrid visual and memory search is preserved in older adults. <i>Aging, Neuropsychology, and Cognition</i> , 2020 , 27, 220-253	2.1	9
115	How humans react to changing rewards during visual foraging. <i>Attention, Perception, and Psychophysics</i> , 2017 , 79, 2299-2309	2	8
114	Hybrid Search in Context: How to search for vegetables in the produce section and cereal in the cereal aisle. <i>Visual Cognition</i> , 2013 , 21,	1.8	8
113	Visual Attention: Size Matters. Current Biology, 2017, 27, R1002-R1003	6.3	7
112	The boundary conditions for Bohr's law: when is reacting faster than acting?. <i>Attention, Perception, and Psychophysics</i> , 2011 , 73, 613-20	2	7
111	Neuroscience. Watching single cells pay attention. <i>Science</i> , 2005 , 308, 503-4	33.3	7
110	Detecting the "gist" of breast cancer in mammograms three years before localized signs of cancer are visible. <i>British Journal of Radiology</i> , 2019 , 92, 20190136	3.4	6
109	Assessing Cancer Risk from Mammograms: Deep Learning Is Superior to Conventional Risk Models. <i>Radiology</i> , 2019 , 292, 67-68	20.5	6
108	Let's Use Cognitive Science to Create Collaborative Workstations. <i>Journal of the American College of Radiology</i> , 2016 , 13, 571-5	3.5	6
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106	Lions or tigers or bears: Oh my! Hybrid visual and memory search for categorical targets. <i>Visual Cognition</i> , 2012 , 20, 1024-1027	1.8	6
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