Rare items often missed in visual searches

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Citation Report

#	Article	IF	Citations
1	Mining literature for systems biology. Briefings in Bioinformatics, 2006, 7, 399-406.	3.2	41
2	Rare Targets Are Rarely Missed in Correctable Search. Psychological Science, 2007, 18, 943-947.	1.8	123
3	Screening programme evaluation applied to airport security. BMJ: British Medical Journal, 2007, 335, 1290-1292.	2.4	6
4	Effects of 2-Dimensional and 3-Dimensional Media Exposure Training in a Tank Recognition Task. Proceedings of the Human Factors and Ergonomics Society, 2007, 51, 1593-1597.	0.2	6
5	Brief Report: A Brief Intervention to Improve Lifeguard Surveillance at a Public Swimming Pool. Journal of Pediatric Psychology, 2007, 32, 862-868.	1.1	35
7	Low target prevalence is a stubborn source of errors in visual search tasks.. Journal of Experimental Psychology: General, 2007, 136, 623-638.	1.5	294
8	Parallel and serial processes in visual search.. Psychological Review, 2007, 114, 71-103.	2.7	129
9	The Prevalence Effect in a Laboratory Environment. Academic Radiology, 2007, 14, 49-53.	1.3	60
10	Response to ?Using a quality control approach to define an ??adequately cellular?? liquid-based cervical cytology specimen?. Cytopathology, 2007, 18, 325-326.	0.4	0
11	The Evolution of Color Polymorphism: Crypticity, Searching Images, and Apostatic Selection. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 489-514.	3.8	238
12	Mapping the Color Space of Saccadic Selectivity in Visual Search. Cognitive Science, 2007, 31, 877-887.	0.8	4
13	Is the exogenous orienting of spatial attention truly automatic? Evidence from unimodal and multisensory studies. Consciousness and Cognition, 2008, 17, 989-1015.	0.8	77
14	Electrophysiological evidence of featureâ€based inhibition of focused attention across consecutive trials. Psychophysiology, 2008, 45, 804-811.	1.2	23
15	Brain activities immediately after finding rare targets. Neuroscience Letters, 2008, 430, 269-274.	1.0	1
16	Covert testing at airports: Exploring methodology and results. , 2008, , .		8
17	Performance changes in lung nodule detection following perceptual feedback of eye movements. Proceedings of SPIE, 2008, , .	0.8	21
18	An assessment of fixed-capacity models of visual working memory. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5975-5979.	3.3	287
19	Effects of Night Work, Sleep Loss and Time on Task on Simulated Threat Detection Performance. Sleep, 2008, , .	0.6	17

#	Article	IF	Citations
20	Why do we miss rare targets? Exploring the boundaries of the low prevalence effect. Journal of Vision, 2008, 8, 15-15.	0.1	85
21	A Preliminary Investigation of the Reinforcement Function of Signal Detections in Simulated Baggage Screening: Further Support for the Vigilance Reinforcement Hypothesis. Journal of Organizational Behavior Management, 2009, 29, 6-18.	1.0	11
22	The Becton Dickinson FocalPoint GS Imaging System. American Journal of Clinical Pathology, 2009, 132, 767-775.	0.4	92
23	The Preponderance of Evidence Supports Computer-aided Detection for Screening Mammography. Radiology, 2009, 253, 9-16.	3.6	52
24	Improving visual search with image segmentation. , 2009, , .		11
25	Short article: Search guidance is proportional to the categorical specificity of a target cue. Quarterly Journal of Experimental Psychology, 2009, 62, 1904-1914.	0.6	124
26	Homo economicus in visual search. Journal of Vision, 2009, 9, 31-31.	0.1	57
27	Computerâ€based image analysis to quantify the number of microâ€arthropods in a sample. Entomologia Experimentalis Et Applicata, 2009, 132, 289-294.	0.7	7
28	Even in correctable search, some types of rare targets are frequently missed. Attention, Perception, and Psychophysics, 2009, 71, 541-553.	0.7	71
29	Use of threat image projection (TIP) to enhance security performance. , 2009, , .		13
30	The cost of search for multiple targets: Effects of practice and target similarity.. Journal of Experimental Psychology: Applied, 2009, 15, 125-139.	0.9	81
31	OVERT AND COVERT VISUAL SEARCH IN PRIMATES: REACTION TIMES AND GAZE SHIFT STRATEGIES. Journal of Integrative Neuroscience, 2009, 08, 137-174.	0.8	10
32	Consciousness and Attention: On Sufficiency and Necessity. Frontiers in Psychology, 2010, 1, 217.	1.1	160
33	Generalized â€œsatisfaction of searchâ€• Adverse influences on dual-target search accuracy.. Journal of Experimental Psychology: Applied, 2010, 16, 60-71.	0.9	100
34	High or low target prevalence increases the dual-target cost in visual search.. Journal of Experimental Psychology: Applied, 2010, 16, 133-144.	0.9	40
35	Finding needles in haystacks: Identity mismatch frequency and facial identity verification.. Journal of Experimental Psychology: Applied, 2010, 16, 378-386.	0.9	41
36	The impact of Relative Prevalence on dual-target search for threat items from airport X-ray screening. Acta Psychologica, 2010, 134, 79-84.	0.7	49
37	Varying Target Prevalence Reveals Two Dissociable Decision Criteria in Visual Search. Current Biology, 2010, 20, 121-124.	1.8	221

#	Article	IF	Citations
38	The prevalence effect is determined by past experience, not future prospects. Vision Research, 2010, 50, 1469-1474.	0.7	39
39	Developmental motor function plays a key role in visual search. Developmental Psychobiology, 2010, 52, 505-512.	0.9	3
40	Crossmodal spatial attention. Annals of the New York Academy of Sciences, 2010, 1191, 182-200.	1.8	142
41	Salience from the decision perspective: You know where it is before you know it is there. Journal of Vision, 2010, 10, 35-35.	0.1	16
42	Dual-target search for high and low prevalence X-ray threat targets. Visual Cognition, 2010, 18, 1439-1463.	0.9	67
43	Spatial and temporal separation fails to counteract the effects of low prevalence in visual search. Visual Cognition, 2010, 18, 881-897.	0.9	32
44	Simulating a vigilance task: Extensible technology for baggage security assessment and training. , 2010, , .		3
45	Visual search for rare targets: Distracter tuning as a mechanism for learning from repeated target-absent searches. British Journal of Psychology, 2011, 102, 313-327.	1.2	3
46	Visual Complexity Influences the Miss Rate in Simulated X-Ray Luggage Screening Task. , 2011, , .		0
47	Visual search: A retrospective. Journal of Vision, 2011, 11, 14-14.	0.1	332
48	Drivers' Decisions to Turn Across the Path of a Motorcycle with Low Beam Headlights. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 1850-1854.	0.2	2
49	Detection of Hidden Explosives. International Forensic Science and Investigation Series, 2011, , 53-78.	0.0	0
50	Accuracy of Interpretation of Preparticipation Screening Electrocardiograms. Journal of Pediatrics, 2011, 159, 783-788.	0.9	77
51	Situating visual search. Vision Research, 2011, 51, 1526-1537.	0.7	158
52	Decisions about objects in real-world scenes are influenced by visual saliency before and during their inspection. Vision Research, 2011, 51, 2031-2038.	0.7	22
53	A Taxonomy of External and Internal Attention. Annual Review of Psychology, 2011, 62, 73-101.	9.9	1,027
54	Object-based auditory facilitation of visual search for pictures and words with frequent and rare targets. Acta Psychologica, 2011, 137, 252-259.	0.7	34
55	Search for multiple targets of different colours: Misguided eye movements reveal a reduction of colour selectivity. Applied Cognitive Psychology, 2011, 25, 971-982.	0.9	35

#	Article	IF	Citations
56	Optimizing Analysis, Visualization, and Navigation of Large Image Data Sets: One 5000-Section CT Scan Can Ruin Your Whole Day. Radiology, 2011, 259, 346-362.	3.6	93
57	The Effect of Abnormality-Prevalence Expectation on Expert Observer Performance and Visual Search. Radiology, 2011, 258, 938-943.	3.6	73
59	Visual search by action category. Journal of Vision, 2011, 11, 19-19.	0.1	22
60	Automatic counting the number of Collembola in digital images. , 2011, , .		2
61	Changing Radiologistsâ€™ Expectations: False Information versus Years of Experience. Radiology, 2011, 261, 327-327.	3.6	4
62	Anticipatory Anxiety Hinders Detection of a Second Target in Dual-Target Search. Psychological Science, 2011, 22, 866-871.	1.8	40
63	Visual search in a multi-element asynchronous dynamic (MAD) world.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1017-1031.	0.7	24
64	Inhibitory Control Differentiates Rare Target Search Performance in Children. Perceptual and Motor Skills, 2012, 114, 339-351.	0.6	0
65	The Influence of Attention, Learning, and Motivation on Visual Search. Nebraska Symposium on Motivation, 2012, , .	0.9	9
66	Measuring agreement between rating interpretations and binary clinical interpretations of images: a simulation study of methods for quantifying the clinical relevance of an observer performance paradigm. Physics in Medicine and Biology, 2012, 57, 2873-2904.	1.6	3
67	Superior Visual Search Accuracy after Exposure to Natural Relative to Urban Environments. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1624-1628.	0.2	2
68	Operator Choice Modeling for Collaborative UAV Visual Search Tasks. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 1088-1099.	3.4	18
69	Visual and memory search in complex environments: determinants of eye movements and search performance. Ergonomics, 2012, 55, 1009-1027.	1.1	15
70	Will Amphibians Croak under the Endangered Species Act?. BioScience, 2012, 62, 197-202.	2.2	22
71	Prevalence Effect in Haptic Search. I-Perception, 2012, 3, 495-498.	0.8	4
72	Effects of Superposition on Oculomotor Guidance and Target Recognition. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 333-337.	0.2	4
73	The Effect of Simulation Style on Performance. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 353-357.	0.2	0
74	Time Pressure, Memory, and Task Knowledge Facilitate the Opportunism Heuristic in Dynamic Tasks. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1025-1029.	0.2	2

#	Article	IF	Citations
75	Individual differences in cognition, affect, and performance: Behavioral, neuroimaging, and molecular genetic approaches. NeuroImage, 2012, 59, 70-82.	2.1	118
76	Using Multisensory Cues to Facilitate Air Traffic Management. Human Factors, 2012, 54, 1093-1103.	2.1	23
77	Colour and spatial cueing in low-prevalence visual search. Quarterly Journal of Experimental Psychology, 2012, 65, 1327-1344.	0.6	24
78	False feedback increases detection of low-prevalence targets in visual search. Attention, Perception, and Psychophysics, 2012, 74, 1583-1589.	0.7	25
79	Fire drill: Inattentional blindness and amnesia for the location of fire extinguishers. Attention, Perception, and Psychophysics, 2012, 74, 1391-1396.	0.7	19
81	The effects of local prevalence and explicit expectations on search termination times. Attention, Perception, and Psychophysics, 2012, 74, 115-123.	0.7	40
82	Systematic review: Bias in imaging studies - the effect of manipulating clinical context, recall bias and reporting intensity. European Radiology, 2012, 22, 495-505.	2.3	19
83	Spatial and temporal task characteristics as stress: A test of the dynamic adaptability theory of stress, workload, and performance. Acta Psychologica, 2012, 139, 471-485.	0.7	25
84	Found and missed: Failing to recognize a search target despite moving it. Cognition, 2012, 123, 100-118.	1.1	14
85	The Role of Incentive Framing on Training and Transfer of Learning in a Visual Threat Detection Task. Applied Cognitive Psychology, 2012, 26, 194-206.	0.9	1
86	Prospective parallel randomized trial of the MultiCyteâ„¢ ThinPrep^{Â®} imaging system: the Scottish experience. Cytopathology, 2013, 24, 235-245.	0.4	20
87	Practice Makes Improvement: How Adults with Autism Out-Perform Others in a Naturalistic Visual Search Task. Journal of Autism and Developmental Disorders, 2013, 43, 2259-2268.	1.7	28
88	The effect of abnormality-prevalence expectation on naÃ¯ve observer performance and visual search. Radiography, 2013, 19, 196-199.	1.1	18
89	Out of Mind, Out of Sight: Unexpected Scene Elements Frequently Go Unnoticed Until Primed. Current Psychology, 2013, 32, 301-317.	1.7	4
90	Experimental system for measurement of radiologistsâ€™ performance by visual search task. SpringerPlus, 2013, 2, 607.	1.2	8
91	Computer-aided Detection of Masses at Mammography: Interactive Decision Support Versus Prompts. Breast Diseases, 2013, 24, 227-228.	0.0	0
92	Inference Based on Diagnostic Measures from Studies of New Imaging Devices. Academic Radiology, 2013, 20, 816-824.	1.3	5
93	In search of vigilance: The problem of iatrogenically created psychological phenomena.. American Psychologist, 2013, 68, 97-109.	3.8	159

#	Article	IF	Citations
94	Prevalence effects in newly trained airport checkpoint screeners: Trained observers miss rare targets, too. Journal of Vision, 2013, 13, 33-33.	0.1	103
95	A taxonomy of errors in multiple-target visual search. Visual Cognition, 2013, 21, 899-921.	0.9	76
96	The Impact of Target Base Rate on Training and Transfer of Learning in Airline Luggage Screening: An Examination of Three Base Rate Scenarios. Applied Cognitive Psychology, 2013, 27, 263-273.	0.9	0
97	Improving target detection in visual search through the augmenting multi-sensory cues. Ergonomics, 2013, 56, 729-738.	1.1	56
98	Prevalence-based decisions undermine visual search. Visual Cognition, 2013, 21, 541-568.	0.9	25
99	Evidence for a Positive Relationship between Working-Memory Capacity and Detection of Low-Prevalence Targets in Visual Search. Perception, 2013, 42, 112-114.	0.5	16
100	EEG precursors of detected and missed targets during free-viewing search. Journal of Vision, 2013, 13, 13-13.	0.1	26
101	Competitive guided search: Meeting the challenge of benchmark RT distributions. Journal of Vision, 2013, 13, 24-24.	0.1	65
103	If You Donâ€™t Find It Often, You Often Donâ€™t Find It: Why Some Cancers Are Missed in Breast Cancer Screening. PLoS ONE, 2013, 8, e64366.	1.1	175
104	Visual Search of Experts in Medical Image Reading: The Effect of Training, Target Prevalence, and Expert Knowledge. Frontiers in Psychology, 2013, 4, 166.	1.1	23
105	How to evaluate an agent's behavior to infrequent events?â€”Reliable performance estimation insensitive to class distribution. Frontiers in Computational Neuroscience, 2014, 8, 43.	1.2	41
106	The Ultra-Rare-Item Effect. Psychological Science, 2014, 25, 284-289.	1.8	69
107	Can theories of animal discrimination explain perceptual learning in humans?. Psychological Bulletin, 2014, 140, 283-307.	5.5	43
108	When are abrupt onsets found efficiently in complex visual search? Evidence from multielement asynchronous dynamic search.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 232-252.	0.7	11
109	Probability Cueing Influences Miss Rate and Decision Criterion in Visual Searches. I-Perception, 2014, 5, 170-175.	0.8	8
110	Implementation and evaluation of the EasyVote tallying component and ballot. , 2014, , .		1
111	Effort in Human Factors Performance and Decision Making. Human Factors, 2014, 56, 1329-1336.	2.1	42
112	Rare, but obviously there: Effects of target frequency and salience on visual search accuracy. Acta Psychologica, 2014, 152, 158-165.	0.7	29

#	Article	IF	Citations
113	Is Beauty in the Aisles of the Retailer? Package Processing in Visually Complex Contexts. Journal of Retailing, 2014, 90, 524-537.	4.0	99
114	Divided Multimodal Attention: Sensory Trace and Context Coding Strategies in Spatially Congruent Auditory and Visual Presentation. Multisensory Research, 2014, 27, 91-110.	0.6	5
115	Recollection can support hybrid visual memory search. Psychonomic Bulletin and Review, 2014, 21, 142-148.	1.4	7
116	Comparing target detection errors in visual search and manually-assisted search. Attention, Perception, and Psychophysics, 2014, 76, 945-958.	0.7	5
117	Infrequent identity mismatches are frequently undetected. Attention, Perception, and Psychophysics, 2014, 76, 1335-1349.	0.7	30
118	Safety in numbers: Target prevalence affects the detection of vehicles during simulated driving. Attention, Perception, and Psychophysics, 2014, 76, 805-813.	0.7	24
119	Consumer Processing of Interior Service Environments. Journal of Service Research, 2014, 17, 296-309.	7.8	126
120	Effect of Prevalence Expectations on Radiologists' Behavior. Academic Radiology, 2014, 21, 1220.	1.3	0
121	Assessing the Impact of Prevalence Expectations on Radiologists' Behavior. Academic Radiology, 2014, 21, 1220-1221.	1.3	4
122	Assessing the effect of a true-positive recall case in screening mammography: does perceptual priming alter radiologists' performance?. British Journal of Radiology, 2014, 87, 20140029.	1.0	2
123	Expert Witness Blinding Strategies to Mitigate Bias in Radiology Malpractice Cases: AÂComprehensive Review of the Literature. Journal of the American College of Radiology, 2014, 11, 868-873.	0.9	16
124	Exit Strategies: Visual Search and the Quitting Time Problem. , 2014, , 390-415.		1
125	Attentional Capture for Simple Shapes from Gamified Visual Search Training. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 1781-1785.	0.2	1
126	Visual search from lab to clinic and back. Proceedings of SPIE, 2014, , .	0.8	0
127	A â€˜snapshotâ€™ of the visual search behaviours of medical sonographers. Australasian Journal of Ultrasound in Medicine, 2015, 18, 70-77.	0.3	8
128	Humans Are Still the Critical Factor in Aviation Security. Aerospace Medicine and Human Performance, 2015, 86, 915-917.	0.2	3
129	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, 977-994.	0.7	80
130	An empirical investigation into the role of subjective prior probability in searching for potentially missing items. Royal Society Open Science, 2015, 2, 150100.	1.1	0

#	Article	IF	Citations
131	Speed versus accuracy in visual search: Optimal performance and neural architecture. Journal of Vision, 2015, 15, 9.	0.1	6
132	Influence of being videotaped on the prevalence effect during visual search. Frontiers in Psychology, 2015, 6, 583.	1.1	7
133	Perception and Human Information Processing in Visual Search. , 0, , 199-217.		3
134	Assessing the benefits of stereoscopic displays to visual search: methodology and initial findings. Proceedings of SPIE, 2015, , .	0.8	0
135	Effects of Target Prevalence and Speech Intelligibility on Visual Search Performance. Measurement and Control, 2015, 48, 87-91.	0.9	8
136	The influence of experience upon information-sampling and decision-making behaviour during risk assessment in military personnel. Visual Cognition, 2015, 23, 415-431.	0.9	14
137	Closed-loop training of attention with real-time brain imaging. Nature Neuroscience, 2015, 18, 470-475.	7.1	254
138	Suboptimal decision criteria are predicted by subjectively weighted probabilities and rewards. Attention, Perception, and Psychophysics, 2015, 77, 638-658.	0.7	27
139	The effect of expert knowledge on medical search: medical experts have specialized abilities for detecting serious lesions. Psychological Research, 2015, 79, 729-738.	1.0	13
140	Perceptual failures in the selection and identification of low-prevalence targets in relative prevalence visual search. Attention, Perception, and Psychophysics, 2015, 77, 150-159.	0.7	31
141	Engineering Psychology and Cognitive Ergonomics. Lecture Notes in Computer Science, 2015, , .	1.0	3
142	Improving the Efficacy of Security Screening Tasks: A Review of Visual Search Challenges and Ways to Mitigate Their Adverse Effects. Applied Cognitive Psychology, 2015, 29, 142-148.	0.9	40
143	Great Expectations: Perceptual Challenges of Visual Surveillance in Lifeguarding. Applied Cognitive Psychology, 2015, 29, 425-435.	0.9	21
144	Patient Load Effects on Response Time to Critical Arrhythmias in Cardiac Telemetry. Critical Care Medicine, 2015, 43, 1036-1042.	0.4	12
145	Working alone or in the presence of others: exploring social facilitation in baggage X-ray security screening tasks. Ergonomics, 2015, 58, 857-865.	1.1	24
146	Detection of cockroach faeces: consumption of fluorescent bait and production of <scp>UV</scp>â€lightâ€detectable faeces from <scp>G</scp>erman cockroach, <scp>B</scp>lattella germanica. Entomologia Experimentalis Et Applicata, 2015, 155, 167-175.	0.7	6
147	The prevalence effect in lateral masking and its relevance for visual search. Experimental Brain Research, 2015, 233, 1119-1124.	0.7	1
148	Retrospective Review of the Drop in Observer Detection Performance Over Time in Lesion-enriched Experimental Studies. Journal of Digital Imaging, 2015, 28, 32-40.	1.6	21

#	Article	IF	Citations
149	Examining perceptual and conceptual set biases in multiple-target visual search. Attention, Perception, and Psychophysics, 2015, 77, 844-855.	0.7	32
150	Adaptation and visual search in mammographic images. Attention, Perception, and Psychophysics, 2015, 77, 1081-1087.	0.7	12
151	The effects of increasing target prevalence on information processing during visual search. Psychonomic Bulletin and Review, 2015, 22, 469-475.	1.4	31
152	Bayesian accounts of covert selective attention: A tutorial review. Attention, Perception, and Psychophysics, 2015, 77, 1013-1032.	0.7	12
153	Visual Information Processing From Multiple Displays. Human Factors, 2015, 57, 276-297.	2.1	8
154	Effects of cues on target search behavior.. Journal of Experimental Psychology: Applied, 2015, 21, 73-88.	0.9	4
155	Safety in Numbers for walkers and bicyclists: exploring the mechanisms. Injury Prevention, 2015, 21, 217-220.	1.2	57
156	Statistical learning modulates the direction of the first head movement in a large-scale search task. Attention, Perception, and Psychophysics, 2015, 77, 2229-2239.	0.7	9
157	Exploration versus exploitation in space, mind, and society. Trends in Cognitive Sciences, 2015, 19, 46-54.	4.0	394
158	Evaluation of Cognitive Awareness Based on Dual Task Situation. Lecture Notes in Computer Science, 2016, , 160-171.	1.0	0
159	Search performance is better predicted by tileability than presence of a unique basic feature. Journal of Vision, 2016, 16, 13.	0.1	16
160	Extended Vision for Oncology. , 2016, , 287-303.		2
162	Attention and Signal Detection: A Practical Guide. Springer Series in Cognitive and Neural Systems, 2016, , 63-85.	0.1	0
163	Use-inspired basic research in medical image perception. Cognitive Research: Principles and Implications, 2016, 1, 17.	1.1	11
164	Rethinking the basic-applied dichotomy. Cognitive Research: Principles and Implications, 2016, 1, 1.	1.1	50
165	Threat Image Projection (TIP) into X-ray images of cargo containers for training humans and machines. , 2016, , .		12
166	Computer-Assisted Detection of Cerebral Aneurysms in MR Angiography in a Routine Image-Reading Environment: Effects on Diagnosis by Radiologists. American Journal of Neuroradiology, 2016, 37, 1038-1043.	1.2	38
167	Understanding the contribution of target repetition and target expectation to the emergence of the prevalence effect in visual search. Psychonomic Bulletin and Review, 2016, 23, 809-816.	1.4	11

#	Article	IF	Citations
168	HOW DO RADIOLOGISTS USE THE HUMAN SEARCH ENGINE?. Radiation Protection Dosimetry, 2016, 169, 24-31.	0.4	48
169	Defeating the Vigilance Decrement. IIE Transactions on Occupational Ergonomics and Human Factors, 2016, 4, 151-163.	0.5	11
170	Do prevalence expectations affect patterns of visual search and decision-making in interpreting CT colonography endoluminal videos?. British Journal of Radiology, 2016, 89, 20150842.	1.0	3
171	Letâ€™s Use Cognitive Science to Create Collaborative Workstations. Journal of the American College of Radiology, 2016, 13, 571-575.	0.9	8
172	Hybrid foraging search: Searching for multiple instances of multiple types of target. Vision Research, 2016, 119, 50-59.	0.7	34
173	Shopping experiences in visually complex environments: a self-regulation account. Journal of Service Management, 2016, 27, 194-217.	4.4	21
174	Attentional capture in driving displays. British Journal of Psychology, 2017, 108, 259-275.	1.2	10
175	Between Two Worlds. Human Factors, 2017, 59, 28-34.	2.1	4
176	The importance of search strategy for finding targets in open terrain. Cognitive Research: Principles and Implications, 2017, 2, 14.	1.1	13
177	Target-present guessing as a function of target prevalence and accumulated information in visual search. Attention, Perception, and Psychophysics, 2017, 79, 1064-1069.	0.7	6
178	Prevalence in Visual Search: From the Clinic to the Lab and Back Again. Japanese Psychological Research, 2017, 59, 65-108.	0.4	42
179	Getting satisfied with â€œsatisfaction of searchâ€: How to measure errors during multiple-target visual search. Attention, Perception, and Psychophysics, 2017, 79, 1352-1365.	0.7	14
180	An appeal against the item's death sentence: Accounting for diagnostic data patterns with an item-based model of visual search. Behavioral and Brain Sciences, 2017, 40, e148.	0.4	4
181	Parallel attentive processing and pre-attentive guidance. Behavioral and Brain Sciences, 2017, 40, e149.	0.4	2
182	What fixations reveal about oculomotor scanning behavior in visual search. Behavioral and Brain Sciences, 2017, 40, e155.	0.4	2
183	Item-based selection is in good shape in visual compound search: A view from electrophysiology. Behavioral and Brain Sciences, 2017, 40, e156.	0.4	0
184	Cognitive architecture enables comprehensive predictive models of visual search. Behavioral and Brain Sciences, 2017, 40, e142.	0.4	0
185	Who should be searching? Differences in personality can affect visual search accuracy. Personality and Individual Differences, 2017, 116, 353-358.	1.6	18

#	Article	IF	Citations
186	Searching for unity: Real-world versus item-based visual search in age-related eye disease. Behavioral and Brain Sciences, 2017, 40, e135.	0.4	6
187	Analysing real-world visual search tasks helps explain what the functional visual field is, and what its neural mechanisms are. Behavioral and Brain Sciences, 2017, 40, e133.	0.4	0
188	Set size slope still does not distinguish parallel from serial search. Behavioral and Brain Sciences, 2017, 40, e145.	0.4	5
189	Contextual and social cues may dominate natural visual search. Behavioral and Brain Sciences, 2017, 40, e139.	0.4	0
190	The FVF framework and target prevalence effects. Behavioral and Brain Sciences, 2017, 40, e147.	0.4	1
191	Striatal activity is modulated by target probability. NeuroReport, 2017, 28, 514-517.	0.6	0
192	The â€œitemâ€•as a window into how prior knowledge guides visual search. Behavioral and Brain Sciences, 2017, 40, e162.	0.4	0
193	Impact of sleep inertia on visual selective attention for rare targets and the influence of chronotype. Journal of Sleep Research, 2017, 26, 551-558.	1.7	27
194	Preliminary validation study of the 3-min wrist-worn psychomotor vigilance test. Behavior Research Methods, 2017, 49, 1792-1801.	2.3	11
195	Analog Computer-Aided Detection (CAD) information can be more effective than binary marks. Attention, Perception, and Psychophysics, 2017, 79, 679-690.	0.7	5
196	Until the demise of the functional field of view. Behavioral and Brain Sciences, 2017, 40, e140.	0.4	0
197	Why the item will remain the unit of attentional selection in visual search. Behavioral and Brain Sciences, 2017, 40, e137.	0.4	0
198	Inattentional blindness for a gun during a simulated police vehicle stop. Cognitive Research: Principles and Implications, 2017, 2, 37.	1.1	14
199	On the brink: The demise of the item in visual search moves closer. Behavioral and Brain Sciences, 2017, 40, e163.	0.4	15
200	See no evil: Cognitive challenges of security surveillance and monitoring.. Journal of Applied Research in Memory and Cognition, 2017, 6, 230-243.	0.7	45
201	â€œI am not dead yet!â€Ââ€“ÂThe Item responds to Hulleman & Olivers. Behavioral and Brain Sciences, 2017, 40, e161.	0.4	4
202	Haptic Search in Divided Areas: Optimizing the Number of Divisions. Japanese Psychological Research, 2017, 59, 144-151.	0.4	2
203	How functional are functional viewing fields?. Behavioral and Brain Sciences, 2017, 40, e143.	0.4	1

#	Article	IF	Citations
204	The FVF might be influenced by object-based attention. Behavioral and Brain Sciences, 2017, 40, e157.	0.4	0
205	Scanning movements during haptic search: similarity with fixations during visual search. Behavioral and Brain Sciences, 2017, 40, e151.	0.4	0
206	Task implementation and top-down control in continuous search. Behavioral and Brain Sciences, 2017, 40, e153.	0.4	0
207	Feature integration, attention, and fixations during visual search. Behavioral and Brain Sciences, 2017, 40, e141.	0.4	0
208	Training Techniques for Visual Search in Complex Task Environments. Human Factors, 2017, 59, 1139-1152.	2.1	8
209	The Gold Standard Paradox in Digital Image Analysis: Manual Versus Automated Scoring as Ground Truth. Archives of Pathology and Laboratory Medicine, 2017, 141, 1267-1275.	1.2	137
210	Animal olfactory detection of human diseases: Guidelines and systematic review. Journal of Veterinary Behavior: Clinical Applications and Research, 2017, 20, 59-73.	0.5	57
211	Individual differences predict low prevalence visual search performance. Cognitive Research: Principles and Implications, 2017, 2, 5.	1.1	21
212	Impact of three task demand factors on simulated unmanned system intelligence, surveillance, and reconnaissance operations. Ergonomics, 2017, 60, 791-809.	1.1	12
213	The impending demise of the item in visual search. Behavioral and Brain Sciences, 2017, 40, e132.	0.4	63
214	Working Memory Capacity Predicts Selection and Identification Errors in Visual Search. Perception, 2017, 46, 109-115.	0.5	4
215	Gaze-contingent manipulation of the FVF demonstrates the importance of fixation duration for explaining search behavior. Behavioral and Brain Sciences, 2017, 40, e144.	0.4	0
216	â€œTarget-absentâ€•decisions in cancer nodule detection are more efficient than â€œtarget-presentâ€• decisions!. Behavioral and Brain Sciences, 2017, 40, e136.	0.4	1
217	Those pernicious items. Behavioral and Brain Sciences, 2017, 40, e154.	0.4	3
218	Don't admit defeat: A new dawn for the item in visual search. Behavioral and Brain Sciences, 2017, 40, e159.	0.4	0
219	Chances and challenges for an active visual search perspective. Behavioral and Brain Sciences, 2017, 40, e150.	0.4	0
220	Where the item still rules supreme: Time-based selection, enumeration, pre-attentive processing and the target template?. Behavioral and Brain Sciences, 2017, 40, e160.	0.4	0
221	Challenging Cognitive Control by Mirrored Stimuli in Working Memory Matching. Frontiers in Psychology, 2017, 8, 653.	1.1	1

#	Article	IF	Citations
222	Eye movement feedback fails to improve visual search performance. Cognitive Research: Principles and Implications, 2017, 2, 47.	1.1	11
223	Rapid and selective updating of the target template in visual search. Journal of Vision, 2017, 17, 36.	0.1	3
224	Suboptimality in perceptual decision making. Behavioral and Brain Sciences, 2018, 41, e223.	0.4	192
226	Identification from CCTV: Assessing police superâ€recogniser ability to spot faces in a crowd and susceptibility to change blindness. Applied Cognitive Psychology, 2018, 32, 337-353.	0.9	25
227	Hybrid value foraging: How the value of targets shapes human foraging behavior. Attention, Perception, and Psychophysics, 2018, 80, 609-621.	0.7	14
228	Importance of Better Human-Computer Interaction in the Era of Deep Learning: Mammography Computer-Aided Diagnosis asÂaÂUse Case. Journal of the American College of Radiology, 2018, 15, 49-52.	0.9	32
229	The Effect of Lifeguard Experience upon the Detection of Drowning Victims in a Realistic Dynamic Visual Search Task. Applied Cognitive Psychology, 2018, 32, 14-23.	0.9	16
230	Contingency proportion systematically influences contingency learning. Attention, Perception, and Psychophysics, 2018, 80, 155-165.	0.7	10
231	Can Radiologists Learn From Airport Baggage Screening?. Academic Radiology, 2018, 25, 226-234.	1.3	0
232	When visual search target is rare: overweighting or under weighting the probability?. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 1520-1524.	0.2	0
233	Examining Threat Image Projection Artifacts and Related Issues: A Rating Study. , 2018, , .		0
234	Cutting through the MADness: Expectations about what a target is doing impact how likely it is to be found in dynamic visual displays. Quarterly Journal of Experimental Psychology, 2018, 71, 2342-2354.	0.6	5
235	Mammography to tomosynthesis: examining the differences between two-dimensional and segmented-three-dimensional visual search. Cognitive Research: Principles and Implications, 2018, 3, 17.	1.1	9
236	Missed Signals in the Congruency between Visual Distracting Cues and Auditory Goals. , 2018, , .		2
237	â€œItâ€™s Not a Tumorâ€: A Framework for Capitalizing on Individual Diversity to Boost Target Detection. Psychological Science, 2018, 29, 1692-1705.	1.8	6
238	More is better: Relative prevalence of multiple targets affects search accuracy. Journal of Vision, 2018, 18, 2.	0.1	7
239	Prevalence-induced concept change in human judgment. Science, 2018, 360, 1465-1467.	6.0	55
240	Mammographic detection of breast cancer in a non-screening country. British Journal of Radiology, 2018, 91, 20180071.	1.0	5

#	Article	IF	Citations
241	Relationship of Event-Related Potentials to the Vigilance Decrement. Frontiers in Psychology, 2018, 9, 237.	1.1	27
242	Hacking the Human: The Prevalence Paradox in Cybersecurity. Human Factors, 2018, 60, 597-609.	2.1	47
243	Forgetting from lapses of sustained attention. Psychonomic Bulletin and Review, 2018, 25, 605-611.	1.4	67
244	Are forensic scientists experts?. Journal of Applied Research in Memory and Cognition, 2018, 7, 199-208.	0.7	25
245	Learning in the Target Prevalence Effect. Perception, 2018, 47, 789-798.	0.5	0
246	Using cognitive psychology research to inform professional visual search operations.. Journal of Applied Research in Memory and Cognition, 2018, 7, 189-198.	0.7	33
247	The hazards of perception: evaluating a change blindness demonstration within a real-world driver education course. Cognitive Research: Principles and Implications, 2019, 4, 15.	1.1	1
248	Human Error: The Impact of Job Insecurity on Attention-Related Cognitive Errors and Error Detection. International Journal of Environmental Research and Public Health, 2019, 16, 2427.	1.2	12
249	Visual search in breast imaging. British Journal of Radiology, 2019, 92, 20190057.	1.0	29
250	Using Eye Movements to Understand how Security Screeners Search for Threats in X-Ray Baggage. Vision (Switzerland), 2019, 3, 24.	0.5	8
251	Spotting rare items makes the brain â€œblinkâ€•harder: Evidence from pupillometry. Attention, Perception, and Psychophysics, 2019, 81, 2635-2647.	0.7	6
252	The Role of Working Memory in Dual-Target Visual Search. Frontiers in Psychology, 2019, 10, 1673.	1.1	5
253	Detection measures for visual inspection of X-ray images of passenger baggage. Attention, Perception, and Psychophysics, 2019, 81, 1297-1311.	0.7	19
254	Shared Gaze in Collaborative Visual Search. International Journal of Human-Computer Interaction, 2019, 35, 1693-1705.	3.3	10
255	A review of eye tracking for understanding and improving diagnostic interpretation. Cognitive Research: Principles and Implications, 2019, 4, 7.	1.1	96
256	Effects of state motivation in overload and underload vigilance task scenarios. Acta Psychologica, 2019, 197, 106-114.	0.7	8
257	Operational Vigilance in Border Security: the Singapore Experience. Journal of Police and Criminal Psychology, 2019, 34, 330-339.	1.2	1
258	Effect of Using Mobile Phones on Driverâ€™s Control Behavior Based on Naturalistic Driving Data. International Journal of Environmental Research and Public Health, 2019, 16, 1464.	1.2	29

#	Article	IF	Citations
259	Computed tomographic colonography: how many and how fast should radiologists report?. European Radiology, 2019, 29, 5784-5790.	2.3	5
260	Effects of Time on Task, Breaks, and Target Prevalence on Screener Performance in an X-ray Image Inspection Task. , 2019, , .		3
261	Serial dependence in a simulated clinical visual search task. Scientific Reports, 2019, 9, 19937.	1.6	29
262	Characteristic Sounds Facilitate Object Search in Real-Life Scenes. Frontiers in Psychology, 2019, 10, 2511.	1.1	12
263	Search as a simple take-the-best heuristic. Royal Society Open Science, 2019, 6, 190529.	1.1	2
264	Metacognition in Human Factors: The Rewards and Consequences of Repeated Assessment. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1276-1277.	0.2	0
265	Temporal production of coloured faeces in wild roof rats (Rattus rattus) following consumption of fluorescent non-toxic bait and a comparison with wild R.Ânorvegicus and Mus musculus. Journal of Stored Products Research, 2019, 81, 7-10.	1.2	8
266	Adopting a multidisciplinary approach to maximising performance during military visual search tasks. Journal of the Royal Army Medical Corps, 2019, 165, 120-123.	0.8	2
267	Design Antecedents of Telepresence in Virtual Service Environments. Journal of Service Research, 2019, 22, 202-218.	7.8	23
268	The role of reward and effort over time in task switching. Theoretical Issues in Ergonomics Science, 2019, 20, 196-214.	1.0	9
269	Not So Fast: Autistic traits and Anxious Apprehension in Real-World Visual Search Scenarios. Journal of Autism and Developmental Disorders, 2019, 49, 1795-1806.	1.7	2
270	Adjusting Inferential Thresholds to Reflect Nonepistemic Values. Philosophy of Science, 2019, 86, 255-285.	0.5	1
271	Detecting Bombs in X-Ray Images of Hold Baggage: 2D Versus 3D Imaging. Human Factors, 2019, 61, 305-321.	2.1	17
272	Evidence that within-dimension features are generally processed coactively. Attention, Perception, and Psychophysics, 2020, 82, 193-227.	0.7	0
273	A theoretical attempt to revive the serial/parallel-search dichotomy. Attention, Perception, and Psychophysics, 2020, 82, 228-245.	0.7	36
274	To quit or not to quit in dynamic search. Attention, Perception, and Psychophysics, 2020, 82, 799-817.	0.7	4
275	Effect of Temperature and Precipitation on the Vegetation Dynamics of High and Moderate Altitude Natural Forests in India. Journal of the Indian Society of Remote Sensing, 2020, 48, 121-144.	1.2	18
276	The development and trial of systematic visual search: a visual inspection method designed to improve current workplace risk assessment practice. Policy and Practice in Health and Safety, 2020, 18, 9-24.	0.5	4

#	Article	IF	Citations
277	Redundancy gain in visual search of simulated X-ray images. Attention, Perception, and Psychophysics, 2020, 82, 1669-1681.	0.7	7
278	Distracting Objects Induce Early Quitting in Visual Search. Psychological Science, 2020, 31, 31-42.	1.8	8
279	Engaging the human operator: a review of the theoretical support for the vigilance decrement and a discussion of practical applications. Theoretical Issues in Ergonomics Science, 2020, 21, 239-258.	1.0	20
280	A platform for initial testing of multiple camouflage patterns. Defence Technology, 2021, 17, 1833-1839.	2.1	5
281	Diagnostic error in hospitals: finding forests not just the big trees. BMJ Quality and Safety, 2020, 29, 961-964.	1.8	14
282	Efficacy of visual evaluation of insect-damaged kernels of malting barley by Sitophilus granarius from various observation perspectives. Journal of Stored Products Research, 2020, 89, 101711.	1.2	7
283	Priors and payoffs in confidence judgments. Attention, Perception, and Psychophysics, 2020, 82, 3158-3175.	0.7	18
284	Abstract representations of events arise from mental errors in learning and memory. Nature Communications, 2020, 11, 2313.	5.8	39
285	Using deep neural networks to detect complex spikes of cerebellar Purkinje cells. Journal of Neurophysiology, 2020, 123, 2217-2234.	0.9	15
286	Cognitive and Human Factors in Expert Decision Making: SixÂFallacies and the Eight Sources of Bias. Analytical Chemistry, 2020, 92, 7998-8004.	3.2	139
287	Exaggerated prevalence effect with the explicit prevalence information: The description-experience gap in visual search. Attention, Perception, and Psychophysics, 2020, 82, 3340-3356.	0.7	6
288	A target contrast signal theory of parallel processing in goal-directed search. Attention, Perception, and Psychophysics, 2020, 82, 394-425.	0.7	14
289	Visual Search: How Do We Find What We Are Looking For?. Annual Review of Vision Science, 2020, 6, 539-562.	2.3	83
290	Categorical similarity modulates temporal integration in the attentional blink. Journal of Vision, 2020, 20, 9.	0.1	3
291	Neural target selection as a marker of realâ€world familiarity during search for perceptually distinct objects. European Journal of Neuroscience, 2021, 53, 1517-1532.	1.2	1
292	Improving Visual Inspection Reliability in Aircraft Maintenance. , 2021, , .		1
293	Target templates in low target-distractor discriminability visual search have higher resolution, but the advantage they provide is short-lived. Attention, Perception, and Psychophysics, 2021, 83, 1435-1454.	0.7	5
294	Searching in CCTV: effects of organisation in the multiplex. Cognitive Research: Principles and Implications, 2021, 6, 11.	1.1	0

#	Article	IF	Citations
295	Computer-aided detection of cerebral aneurysms with magnetic resonance angiography: usefulness of volume rendering to display lesion candidates. Japanese Journal of Radiology, 2021, 39, 652-658.	1.0	3
296	Guided Search 6.0: An updated model of visual search. Psychonomic Bulletin and Review, 2021, 28, 1060-1092.	1.4	225
297	Eye movements reflect expertise development in hybrid search. Cognitive Research: Principles and Implications, 2021, 6, 7.	1.1	7
298	The efficiency of visual search for a frequently changed target is preserved in older adults. Quarterly Journal of Experimental Psychology, 2021, 74, 1070-1082.	0.6	1
299	The Role of Cue-Based Strategies in Skilled Diagnosis Among Pathologists. Human Factors, 2022, 64, 1154-1167.	2.1	2
300	The prevalence effect in fingerprint identification: Match and <scp>nonâ€match baseâ€rates</scp> impact misses and false alarms. Applied Cognitive Psychology, 2021, 35, 751-760.	0.9	10
301	Foveated Model Observers for Visual Search in 3D Medical Images. IEEE Transactions on Medical Imaging, 2021, 40, 1021-1031.	5.4	9
302	Under-exploration of Three-Dimensional Images Leads to Search Errors for Small Salient Targets. Current Biology, 2021, 31, 1099-1106.e5.	1.8	14
303	Double reading reduces miss errors in low prevalence search.. Journal of Experimental Psychology: Applied, 2021, 27, 84-101.	0.9	3
304	Great expectations: minor differences in initial instructions have a major impact on visual search in the absence of feedback. Cognitive Research: Principles and Implications, 2021, 6, 19.	1.1	4
305	Analysis of cognitive skill in a water discharge activity for firefighting robots. ROBOMECH Journal, 2021, 8, .	0.9	2
307	Neural signatures of vigilance decrements predict behavioural errors before they occur. ELife, 2021, 10, .	2.8	14
308	So Many Phish, So Little Time: Exploring Email Task Factors and Phishing Susceptibility. Human Factors, 2022, 64, 1379-1403.	2.1	9
309	A procedural analogue of prey detection and applied signal detection. Behavioural Processes, 2021, 185, 104356.	0.5	1
310	Feedback moderates the effect of prevalence on perceptual decisions. Psychonomic Bulletin and Review, 2021, 28, 1906-1914.	1.4	6
311	Avoiding potential pitfalls in visual search and eye-movement experiments: A tutorial review. Attention, Perception, and Psychophysics, 2021, 83, 2753-2783.	0.7	7
312	Disentangling prevalence induced biases in medical image decision-making. Cognition, 2021, 212, 104713.	1.1	9
313	What do experts look at and what do experts find when reading mammograms?. Journal of Medical Imaging, 2021, 8, 045501.	0.8	6

#	Article	IF	Citations
314	Low prevalence match and mismatch detection in simultaneous face matching: Influence of face recognition ability and feature focus guidance. Attention, Perception, and Psychophysics, 2021, 83, 2937-2954.	0.7	2
316	This Is Your Brain on Autopilot: Neural Indices of Driver Workload and Engagement During Partial Vehicle Automation. Human Factors, 2023, 65, 1435-1450.	2.1	10
317	Face processing in police service: the relationship between laboratory-based assessment of face processing abilities and performance in a real-world identity matching task. Cognitive Research: Principles and Implications, 2021, 6, 54.	1.1	4
318	Effect of Remote Cardiac Monitoring System Design on Response Time to Critical Arrhythmias. Simulation in Healthcare, 2021, Publish Ahead of Print, .	0.7	0
319	The relationship between the subjective experience of real-world cognitive failures and objective target-detection performance in visual search. Cognition, 2021, 217, 104914.	1.1	6
320	Cue utilisation reduces the impact of response bias in histopathology. Applied Ergonomics, 2022, 98, 103590.	1.7	2
321	Spatially intermixed objects of different categories are parsed automatically. Scientific Reports, 2021, 11, 377.	1.6	5
322	Overcoming Hurdles in Translating Visual Search Research Between the Lab and the Field. Nebraska Symposium on Motivation, 2012, 59, 147-181.	0.9	27
323	When do I Quit? The Search Termination Problem in Visual Search. Nebraska Symposium on Motivation, 2012, 59, 183-208.	0.9	35
327	In Manually-Assisted Search, Perception Supervises Rather Than Directs Action. Experimental Psychology, 2013, 60, 243-254.	0.3	9
328	Attention and multitasking.. , 2015, , 261-276.		5
329	Characterizing the efficiency of collaborative visual search with systems factorial technology.. Archives of Scientific Psychology, 2017, 5, 1-9.	0.8	12
330	The persistent low-prevalence effect in unfamiliar face-matching: The roles of feedback and criterion shifting.. Journal of Experimental Psychology: Applied, 2018, 24, 416-430.	0.9	15
331	Deliberate disguise in face identification.. Journal of Experimental Psychology: Applied, 2019, 25, 280-290.	0.9	27
332	Collaborative search in a mock baggage screening task.. Journal of Experimental Psychology: Applied, 2019, 25, 716-732.	0.9	5
333	Unit of visual working memory: A Boolean map provides a better account than an object does.. Journal of Experimental Psychology: General, 2020, 149, 1-30.	1.5	13
334	Rapid holistic perception and evasion of road hazards.. Journal of Experimental Psychology: General, 2020, 149, 490-500.	1.5	31
335	GSDT: An integrative model of visual search.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1654-1675.	0.7	22

#	Article	IF	Citations
336	The confirmation and prevalence biases in visual search reflect separate underlying processes.. Journal of Experimental Psychology: Human Perception and Performance, 2020, 46, 274-291.	0.7	5
337	De-confounding the neural constitution of phenomenal consciousness from attention, report and memory. Advances in Consciousness Research, 2015, , 81-103.	0.2	6
338	Guided Search 4.0. , 2007, , 99-119.		486
342	Impact of prevalence and case distribution in lab-based diagnostic imaging studies. Journal of Medical Imaging, 2019, 6, 1.	0.8	8
343	The effect of prevalence of disease on performance of residents and fellows during training for interpreting DBT in a test-train-test observer study. , 2017, , .		1
344	Effect of Bezel Presence and Width on Visual Search. , 2014, , .		16
345	What happens during search for rare targets? Eye movements in low prevalence visual search. Journal of Vision, 2010, 6, 441-441.	0.1	3
347	Pirate Stealth or Inattentional Blindness? The Effects of Target Relevance and Sustained Attention on Security Monitoring for Experienced and NaÃ¯ve Operators. PLoS ONE, 2014, 9, e86157.	1.1	18
348	Comparing Breast Screening Protocols: Inserting Catch Trials Does Not Improve Sensitivity over Double Screening. PLoS ONE, 2016, 11, e0163928.	1.1	2
349	Combining EEG and Eye Tracking: Using Fixation-Locked Potentials in Visual Search. Journal of Eye Movement Research, 2013, 6, .	0.5	5
350	The Influence of Simulated Drowning Audits on Lifeguard Surveillance and Swimmer Risk-Taking at Public Swimming Pools. International Journal of Aquatic Research and Education, 2011, 5, .	0.1	8
351	Clinical Machine Learning in Action. Advances in Bioinformatics and Biomedical Engineering Book Series, 2012, , 159-176.	0.2	6
352	Clinical Machine Learning in Action. , 0, , 621-638.		1
353	Lifeguards: a forgotten aspect of drowning prevention. Journal of Injury and Violence Research, 2010, 2, 1-3.	0.7	12
354	Fluctuations of Attention and Working Memory. Journal of Cognition, 2019, 2, .	1.0	18
355	Serial dependence in the perceptual judgments of radiologists. Cognitive Research: Principles and Implications, 2021, 6, 65.	1.1	6
357	Automation in Cervical Cytology. , 2008, , 1021-1042.		4
358	Errors in low prevalence visual search: Easy to produce, hard to cure. Journal of Vision, 2010, 6, 444-444.	0.1	2

#	Article	IF	Citations
359	Curing the prevalence effect in visual search. Journal of Vision, 2010, 7, 709-709.	0.1	0
361	Exploration Versus Exploitation. Wiley Series in Probability and Statistics, 0, , 457-496.	0.0	0
362	Cognitive Engineering and Information Displays. , 2012, , 2259-2269.		0
363	Nonnative Pest Prevention and Control. , 2013, , 301-346.		0
365	Climate Change and the Future of Freshwater. , 2014, , 95-106.		0
366	Cognitive Engineering and Information Displays. , 2015, , 1-11.		0
368	Characterizing Information Processing in Visual Search According to Probability of Target Prevalence. Korean Journal of Cognitive Science, 2015, 26, 357-375.	0.1	1
370	Cognitive Engineering and Information Displays. , 2016, , 3057-3069.		0
371	Failure of Transferring Target-Prevalence Effect Driven by Visual Dissimilarity of Search Items between Two Independent Search Tasks. Korean Journal of Cognitive and Biological Psychology, 2016, 28, 699-706.	0.0	0
373	Changing behavior and accuracy with time on task in mammography screening. Proceedings of SPIE, 2017, , .	0.8	0
374	Polizeiliche Verhaltenserkennung. Forum FÃ¼r Verwaltungsâ€•Und Polizeiwissenschaft, 2019, , 189-208.	0.2	0
377	More human than human: a Turing test for photographed faces. Cognitive Research: Principles and Implications, 2019, 4, 43.	1.1	1
380	Finding counterfeited banknotes: the roles of vision and touch. Cognitive Research: Principles and Implications, 2020, 5, 40.	1.1	5
381	Research on Visual Search Performance of Security Inspection Operations Based on Eye Movement Data. Communications in Computer and Information Science, 2020, , 565-574.	0.4	0
382	Human Factors in Phishing Attacks: A Systematic Literature Review. ACM Computing Surveys, 2022, 54, 1-35.	16.1	29
383	Banknote Verification Relies on Vision, Feel and a Single Second. SSRN Electronic Journal, 0, , .	0.4	1
384	Multi-Label Learning from Single Positive Labels. , 2021, , .		33
385	Search of low-contrast liver lesions in abdominal CT: the importance of scrolling behavior. Journal of Medical Imaging, 2020, 7, 1.	0.8	3

#	Article	IF	Citations
386	Effects of night work, sleep loss and time on task on simulated threat detection performance. Sleep, 2008, 31, 1251-9.	0.6	42
388	Kardinalfehler 3: Zu langsame Entscheidungen. , 2021, , 91-108.		0
389	A Water Behavior Dataset for an Image-Based Drowning Solution. , 2021, , .		6
390	Automated pose estimation in primates. American Journal of Primatology, 2022, 84, e23348.	0.8	14
391	How one block of trials influences the next: persistent effects of disease prevalence and feedback on decisions about images of skin lesions in a large online study. Cognitive Research: Principles and Implications, 2022, 7, 10.	1.1	3
392	The optimal use of computer aided detection to find low prevalence cancers. Cognitive Research: Principles and Implications, 2022, 7, 13.	1.1	1
393	The presence of a distractor matching the content of working memory induces delayed quitting in visual search. Attention, Perception, and Psychophysics, 2022, 84, 760-770.	0.7	2
394	Safety optimization in an accident-prone aquatic context: A qualitative study of drowning risk detection by public pool lifeguards. Journal of Safety Research, 2022, 81, 239-248.	1.7	0
395	How Realistic Is Threat Image Projection for X-ray Baggage Screening?. Sensors, 2022, 22, 2220.	2.1	5
396	When the sense of fluency triggers an attentional bias. Quarterly Journal of Experimental Psychology, 2023, 76, 350-360.	0.6	1
397	Eliminating the Low-Prevalence Effect in Visual Search With a Remarkably Simple Strategy. Psychological Science, 2022, 33, 716-724.	1.8	2
398	Target-rate effect in continuous visual search. Cognitive Research: Principles and Implications, 2022, 7, 36.	1.1	1
399	Prior experience with target encounter affects attention allocation and prospective memory performance. Cognitive Research: Principles and Implications, 2022, 7, 37.	1.1	0
400	Influences of indication response requirement and target prevalence on dogsâ€™ performance in a scent-detection task. Applied Animal Behaviour Science, 2022, 253, 105657.	0.8	4
401	Normal blindness: when we Look But Fail To See. Trends in Cognitive Sciences, 2022, 26, 809-819.	4.0	13
402	Taking prevalence effects on the road: Rare hazards are often missed. Psychonomic Bulletin and Review, 2023, 30, 212-223.	1.4	2
403	The influence of category representativeness on the low prevalence effect in visual search. Psychonomic Bulletin and Review, 2023, 30, 634-642.	1.4	0
404	Pilot attention and perception and spatial cognition. , 2023, , 141-170.		1

#	Article	IF	Citations
405	Acknowledging theÂUnknown forÂMulti-label Learning withÂSingle Positive Labels. Lecture Notes in Computer Science, 2022, , 423-440.	1.0	3
406	Labor division in collaborative visual search: a review. Psychological Research, 0, , .	1.0	0
407	Beam-based rf station fault identification at the SLAC Linac Coherent Light Source. Physical Review Accelerators and Beams, 2022, 25, .	0.6	4
408	Hip fracture or not? The reversed prevalence effect among non-expertsâ€™ diagnosis. Cognitive Research: Principles and Implications, 2023, 8, .	1.1	0
410	Cognitive elements of learning and discriminability in anti-phishing training. Computers and Security, 2023, 127, 103105.	4.0	2
411	Effect of expectations and retention interval on prospective person memory and vigilance. Psychology, Crime and Law, 0, , 1-27.	0.8	0