

Five factors that guide attention in visual search

Nature Human Behaviour

1,

DOI: [10.1038/s41562-017-0058](https://doi.org/10.1038/s41562-017-0058)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Editorial: Search: A New Perspective to Understand Cognitive Dynamics. Japanese Psychological Research, 2017, 59, 59-64.	0.4	0
2	Meaning-based guidance of attention in scenes as revealed by meaning maps. Nature Human Behaviour, 2017, 1, 743-747.	6.2	161
3	Set size manipulations reveal the boundary conditions of perceptual ensemble learning. Vision Research, 2017, 140, 144-156.	0.7	19
4	Learning features in a complex and changing environment: A distribution-based framework for visual attention and vision in general. Progress in Brain Research, 2017, 236, 97-120.	0.9	18
5	Humans, but Not Deep Neural Networks, Often Miss Giant Targets in Scenes. Current Biology, 2017, 27, 2827-2832.e3.	1.8	53
6	Orientation categories used in guidance of attention in visual search can differ in strength. Attention, Perception, and Psychophysics, 2017, 79, 2246-2256.	0.7	7
7	Categorical templates are more useful when features are consistent: Evidence from eye movements during search for societally important vehicles. Attention, Perception, and Psychophysics, 2017, 79, 1578-1592.	0.7	25
8	The influence of attention on value integration. Attention, Perception, and Psychophysics, 2017, 79, 1615-1627.	0.7	35
9	Shape representation modulating the effect of motion on visual search performance. Scientific Reports, 2017, 7, 14921.	1.6	3
10	[POSTER] The Impact of the Frame of Reference on Attention Shifts Between Augmented Reality and Real-World Environment. , 2017, , .		3
11	Where Does Attention Go When Facilitation is Absent?. SSRN Electronic Journal, 2017, , .	0.4	0
12	Personalized Visual Saliency: Individuality Affects Image Perception. IEEE Access, 2018, 6, 16099-16109.	2.6	12
13	Learning efficient visual search for stimuli containing diagnostic spatial configurations and color-shape conjunctions. Attention, Perception, and Psychophysics, 2018, 80, 1110-1126.	0.7	6
14	Hybrid value foraging: How the value of targets shapes human foraging behavior. Attention, Perception, and Psychophysics, 2018, 80, 609-621.	0.7	14
15	Guided search through memory. Visual Cognition, 2018, 26, 285-298.	0.9	0
16	On the multiple effects of packaging colour on consumer behaviour and product experience in the "food and beverage" and "home and personal care" categories. Food Quality and Preference, 2018, 68, 226-237.		92
17	Memory shapes visual search strategies in large-scale environments. Scientific Reports, 2018, 8, 4324.	1.6	21
18	Search for Familiar and Dangerous: Not Seeing Gopnik in the Crowd. SSRN Electronic Journal, 2018, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Examining Threat Image Projection Artifacts and Related Issues: A Rating Study. , 2018, , .		0
20	The First Moments of Medical Image Perception. , 2018, , 188-196.		2
21	Perceptual Factors in Reading Medical Images. , 2018, , 95-106.		0
22	App icon similarity and its impact on visual search efficiency on mobile touch devices. Cognitive Research: Principles and Implications, 2018, 3, 39.	1.1	6
23	Attentional Selection Mediates Framing and Risk-Bias Effects. Psychological Science, 2018, 29, 2010-2019.	1.8	23
24	Attention and long-term memory: Bidirectional interactions and their effects on behavior. Psychology of Learning and Motivation - Advances in Research and Theory, 2018, 69, 285-323.	0.5	9
25	Meaning guides attention in real-world scene images: Evidence from eye movements and meaning maps. Journal of Vision, 2018, 18, 10.	0.1	86
26	Alzheimer's Disease, Visual Search, and Instrumental Activities of Daily Living: A Review and a New Perspective on Attention and Eye Movements. Journal of Alzheimer's Disease, 2018, 66, 901-925.	1.2	11
27	Biasing Allocations of Attention via Selective Weighting of Saliency Signals: Behavioral and Neuroimaging Evidence for the Dimension-Weighting Account. Current Topics in Behavioral Neurosciences, 2018, 41, 87-113.	0.8	23
28	Occluded information is restored at preview but not during visual search. Journal of Vision, 2018, 18, 4.	0.1	6
29	Studying the Language of Organic Chemistry: Visual Processing and Practical Considerations for Eye-Tracking Research in Structural Notation. ACS Symposium Series, 2018, , 183-204.	0.5	0
30	Beyond Self-Report: A Review of Physiological and Neuroscientific Methods to Investigate Consumer Behavior. Frontiers in Psychology, 2018, 9, 1655.	1.1	75
31	Meaning Guides Attention during Real-World Scene Description. Scientific Reports, 2018, 8, 13504.	1.6	45
32	A New Multiple Object Awareness Paradigm Shows that Imperfect Knowledge of Object Location Is Still Knowledge. Current Biology, 2018, 28, 3430-3434.e3.	1.8	14
33	Finding any Waldo with zero-shot invariant and efficient visual search. Nature Communications, 2018, 9, 3730.	5.8	25
34	The Effect of Semantic Interaction on Foraging in Text Analysis. , 2018, , .		9
35	How attention gates social interactions. Annals of the New York Academy of Sciences, 2018, 1426, 179-198.	1.8	61
36	Exaggerated groups: amplification in ensemble coding of temporal and spatial features. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172770.	1.2	38

#	ARTICLE	IF	CITATIONS
37	Group benefits in joint perceptual tasks—a review. <i>Annals of the New York Academy of Sciences</i> , 2018, 1426, 166-178.	1.8	19
38	The influence of relevant and irrelevant stereoscopic depth cues: Depth information does not always capture attention. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 1996-2007.	0.7	6
39	Parallel, exhaustive processing underlies logarithmic search functions: Visual search with cortical magnification. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 1343-1350.	1.4	10
40	Face to Face: Evaluating Visual Comparison. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019, 25, 861-871.	2.9	40
41	Quaddles: A multidimensional 3-D object set with parametrically controlled and customizable features. <i>Behavior Research Methods</i> , 2019, 51, 2522-2532.	2.3	13
42	Representing color and orientation ensembles: Can observers learn multiple feature distributions?. <i>Journal of Vision</i> , 2019, 19, 2.	0.1	18
43	Mechanisms of contextual cueing: A tutorial review. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 2571-2589.	0.7	44
44	Eye Movements in Medical Image Perception: A Selective Review of Past, Present and Future. <i>Vision (Switzerland)</i> , 2019, 3, 32.	0.5	23
45	The attentional guidance of individual colours in increasingly complex displays. <i>Applied Ergonomics</i> , 2019, 81, 102885.	1.7	14
46	Scene semantics involuntarily guide attention during visual search. <i>Psychonomic Bulletin and Review</i> , 2019, 26, 1683-1689.	1.4	29
47	A serious game to explore human foraging in a 3D environment. <i>PLoS ONE</i> , 2019, 14, e0219827.	1.1	14
48	Spatiotemporal Characteristics of 360-Degree Basic Attention. <i>Scientific Reports</i> , 2019, 9, 16083.	1.6	6
49	Animacy and object size are reflected in perceptual similarity computations by the preschool years. <i>Visual Cognition</i> , 2019, 27, 435-451.	0.9	5
50	Transport properties of random walks under stochastic noninstantaneous resetting. <i>Physical Review E</i> , 2019, 100, 042104.	0.8	54
51	Risk Containers - A Help or Hindrance to Practitioners?. , 2019, , .		0
52	Attentional guidance varies with display density. <i>Vision Research</i> , 2019, 164, 1-11.	0.7	3
53	The influence of selection modality, display dynamics and error feedback on patterns of human foraging. <i>Visual Cognition</i> , 2019, 27, 626-648.	0.9	13
54	Measuring Eye Movements in Learning Research: A Useful Window to Cognition. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
55	The Effect of Task on Visual Attention in Interactive Virtual Environments. <i>ACM Transactions on Applied Perception</i> , 2019, 16, 1-17.	1.2	19
56	Scenes Modulate Object Processing Before Interacting With Memory Templates. <i>Psychological Science</i> , 2019, 30, 1497-1509.	1.8	7
57	Attention to a threat-related feature does not interfere with concurrent attentive feature selection. <i>Psychophysiology</i> , 2019, 56, e13332.	1.2	8
58	Radial frequency patterns describe a small and perceptually distinct subset of all possible planar shapes. <i>Vision Research</i> , 2019, 154, 122-130.	0.7	10
59	Using Visual Saliency in Empirical Game Theory. <i>SSRN Electronic Journal</i> , 2019, , .	0.4	3
60	Taking a closer look at visual search: Just how feature-agnostic is singleton detection mode?. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 654-665.	0.7	5
61	Meaning and Attentional Guidance in Scenes: A Review of the Meaning Map Approach. <i>Vision (Switzerland)</i> , 2019, 3, 19.	0.5	32
62	Dwelling on distractors varying in target-distractor similarity. <i>Acta Psychologica</i> , 2019, 198, 102859.	0.7	9
63	Analysis of Perceptual Expertise in Radiology – Current Knowledge and a New Perspective. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 213.	1.0	66
64	Do target detection and target localization always go together? Extracting information from briefly presented displays. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 2685-2699.	0.7	3
65	Adolescents' Developing Sensitivity to Orthographic and Semantic Cues During Visual Search for Words. <i>Frontiers in Psychology</i> , 2019, 10, 642.	1.1	2
66	Perceptual learning induces active suppression of physically nonsalient shapes. <i>Psychophysiology</i> , 2019, 56, e13393.	1.2	8
67	Flanker tasks based on congruency manipulation are biased measures of selective attention in perceptual load studies. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1836-1845.	0.7	6
68	Guidance in Cinematic Virtual Reality-Taxonomy, Research Status and Challenges. <i>Multimodal Technologies and Interaction</i> , 2019, 3, 19.	1.7	65
69	Distractor handling via dimension weighting. <i>Current Opinion in Psychology</i> , 2019, 29, 160-167.	2.5	65
70	Coevolution of visual behaviour, the material world and social complexity, depicted by the eye-tracking of archaeological objects in humans. <i>Scientific Reports</i> , 2019, 9, 3985.	1.6	19
71	Deficits of visual search in Chinese children with dyslexia. <i>Journal of Research in Reading</i> , 2019, 42, 454-468.	1.0	8
72	The Statistical Saliency Model Can Choose Colors for Items on Maps. <i>IEEE Transactions on Human-Machine Systems</i> , 2019, 49, 569-578.	2.5	1

#	ARTICLE	IF	CITATIONS
73	Perception of multi-dimensional regularities is driven by salience. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1564-1578.	0.7	1
74	Dissociable Components of Experience-Driven Attention. <i>Current Biology</i> , 2019, 29, 841-845.e2.	1.8	46
75	Real-Time Hazard Proximity Detection—Localization of Workers Using Visual Data. , 2019, , .		4
76	On Visually-Grounded Reference Production: Testing the Effects of Perceptual Grouping and 2D/3D Presentation Mode. <i>Frontiers in Psychology</i> , 2019, 10, 2247.	1.1	2
77	Category selectivity for animals and man-made objects: Beyond low- and mid-level visual features. <i>Journal of Vision</i> , 2019, 19, 22.	0.1	25
78	Salience Models: A Computational Cognitive Neuroscience Review. <i>Vision (Switzerland)</i> , 2019, 3, 56.	0.5	20
79	Field Independence Associates with Mathematics and Science Performance in 5- to 10-Year-Olds after Accounting for Domain-General Factors. <i>Mind, Brain, and Education</i> , 2019, 13, 268-278.	0.9	13
80	Deadeye Visualization Revisited: Investigation of Preattentiveness and Applicability in Virtual Environments. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019, 26, 1-1.	2.9	6
81	Deadeye: A Novel Preattentive Visualization Technique Based on Dichoptic Presentation. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019, 25, 936-945.	2.9	8
82	Faster eye movements in children with autism spectrum disorder. <i>Autism Research</i> , 2019, 12, 212-224.	2.1	18
83	What is a preattentive feature?. <i>Current Opinion in Psychology</i> , 2019, 29, 19-26.	2.5	35
84	Taking Attention Out of Context: Frontopolar Transcranial Magnetic Stimulation Abolishes the Formation of New Context Memories in Visual Search. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 442-452.	1.1	12
85	Guidance and selection history in hybrid foraging visual search. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 637-653.	0.7	27
86	Visual search pattern during free viewing of horizontally flipped images in patients with unilateral spatial neglect. <i>Cortex</i> , 2019, 113, 83-95.	1.1	11
87	Template-to-distractor distinctiveness regulates visual search efficiency. <i>Current Opinion in Psychology</i> , 2019, 29, 119-125.	2.5	49
88	What pops out for you pops out for fish: Four common visual features. <i>Journal of Vision</i> , 2019, 19, 1.	0.1	9
89	Model of Multiple Identity Tracking (MOMIT) 2.0: Resolving the serial vs. parallel controversy in tracking. <i>Cognition</i> , 2019, 182, 260-274.	1.1	16
90	Measuring the time course of selection during visual search. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 47-60.	0.7	8

#	ARTICLE	IF	CITATIONS
91	Searching for illusory motion. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 44-62.	0.7	4
92	Task-dependent effects of voluntary space-based and involuntary feature-based attention on visual working memory. <i>Psychological Research</i> , 2020, 84, 1304-1319.	1.0	8
93	Airport Security Screener Problem-Solving Knowledge and Implications. <i>Human Factors</i> , 2020, 62, 1265-1285.	2.1	7
94	How feature integration theory integrated cognitive psychology, neurophysiology, and psychophysics. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 7-23.	0.7	36
95	Axis of rotation as a basic feature in visual search. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 31-43.	0.7	5
96	Attention and binding in visual working memory: Two forms of attention and two kinds of buffer storage. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 280-293.	0.7	66
97	Center bias outperforms image salience but not semantics in accounting for attention during scene viewing. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 985-994.	0.7	21
98	To quit or not to quit in dynamic search. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 799-817.	0.7	4
99	Comparable search efficiency for human and animal targets in the context of natural scenes. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 954-965.	0.7	4
100	Attention promotes accurate impression formation. <i>Journal of Personality</i> , 2020, 88, 544-554.	1.8	10
101	Vision at a glance: The role of attention in processing object-to-object categorical relations. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 671-688.	0.7	7
102	Dwelling on simple stimuli in visual search. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 607-625.	0.7	11
103	Using Visualization Science to Improve Expert and Public Understanding of Probabilistic Temperature and Precipitation Outlooks. <i>Weather, Climate, and Society</i> , 2020, 12, 117-133.	0.5	14
104	Feature integration theory in non-humans: Spotlight on the archerfish. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 752-774.	0.7	11
105	Extra-foveal Processing of Object Semantics Guides Early Overt Attention During Visual Search. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 655-670.	0.7	8
106	Effect of multiple extrinsic cues on consumers's™ willingness to buy apples: A scenario-based study. <i>Food Quality and Preference</i> , 2020, 81, 103860.	2.3	11
107	Allocation of attention in 3D space is adaptively modulated by relative position of target and distractor stimuli. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 1063-1073.	0.7	14
108	Adaptive feature guidance: Modelling visual search with graphical layouts. <i>International Journal of Human Computer Studies</i> , 2020, 136, 102376.	3.7	17

#	ARTICLE	IF	CITATIONS
109	Visual Exploration at Higher Fixation Frequency Increases Subsequent Memory Recall. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa032.	0.7	9
110	Influences of luminance contrast and ambient lighting on visual context learning and retrieval. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 4007-4024.	0.7	2
111	On the relative (un)importance of foveal vision during letter search in naturalistic scenes. <i>Vision Research</i> , 2020, 177, 41-55.	0.7	8
112	Toward a Theory of Visual Information Acquisition in Driving. <i>Human Factors</i> , 2022, 64, 694-713.	2.1	27
113	Gaze Behavior of Referees in Sport—A Review. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 572891.	0.9	6
114	Attention control processes that prioritise task execution may come at the expense of incidental memory encoding. <i>Brain and Cognition</i> , 2020, 144, 105602.	0.8	8
115	Predicting Goal-Directed Human Attention Using Inverse Reinforcement Learning. , 2020, 2020, 190-199.		37
116	MILO Mobile: An iPad App to Measure Search Performance in Multi-Target Sequences. <i>I-Perception</i> , 2020, 11, 204166952093258.	0.8	5
117	Image complexity analysis with scanpath identification using remote gaze estimation model. <i>Multimedia Tools and Applications</i> , 2020, 79, 24393-24412.	2.6	1
118	The misuse of colour in science communication. <i>Nature Communications</i> , 2020, 11, 5444.	5.8	398
119	Crowding Effects across Depth Are Fixation-Centered for Defocused Flankers and Observer-Centered for Defocused Targets. <i>Brain Sciences</i> , 2020, 10, 596.	1.1	4
120	Categorical grouping is not required for guided conjunction search. <i>Journal of Vision</i> , 2020, 20, 30.	0.1	3
121	The detail is in the difficulty: Challenging search facilitates rich incidental object encoding. <i>Memory and Cognition</i> , 2020, 48, 1214-1233.	0.9	10
122	Foraging tempo: Human run patterns in multiple-target search are constrained by the rate of successive responses. <i>Quarterly Journal of Experimental Psychology</i> , 2022, 75, 297-312.	0.6	7
123	Active vision in immersive, 360° real-world environments. <i>Scientific Reports</i> , 2020, 10, 14304.	1.6	19
124	The effect of task-irrelevant spatial contexts on 360-degree attention. <i>PLoS ONE</i> , 2020, 15, e0237717.	1.1	2
125	Computational modeling of human reasoning processes for interpretable visual knowledge: a case study with radiographers. <i>Scientific Reports</i> , 2020, 10, 21620.	1.6	2
126	Towards Interactive Search: Investigating Visual Search in a Novel Real-World Paradigm. <i>Brain Sciences</i> , 2020, 10, 927.	1.1	5

#	ARTICLE	IF	CITATIONS
127	Understanding the Role of Visualizations on Decision Making: A Study on Working Memory. Informatics, 2020, 7, 53.	2.4	5
128	MatMouse: A Mouse Movements Tracking and Analysis Toolbox for Visual Search Experiments. Multimodal Technologies and Interaction, 2020, 4, 83.	1.7	7
129	Contributions of Different Spatial Modulations of Brightness Gradients to the Control of Visual Attention. Neuroscience and Behavioral Physiology, 2020, 50, 1035-1042.	0.2	2
130	What do radiologists look for? Advances and limitations of perceptual learning in radiologic search. Journal of Vision, 2020, 20, 17.	0.1	18
131	Preparatory Template Activation during Search for Alternating Targets. Journal of Cognitive Neuroscience, 2020, 32, 1525-1535.	1.1	9
132	Focal lung pathology detection in radiology: Is there an effect of experience on visual search behavior?. Attention, Perception, and Psychophysics, 2020, 82, 2837-2850.	0.7	6
133	Attention capture by episodic long-term memory. Cognition, 2020, 201, 104312.	1.1	12
134	Prior target locations attract overt attention during search. Cognition, 2020, 201, 104282.	1.1	23
135	Moving foraging into three dimensions: Feature- versus conjunction-based foraging in virtual reality. Quarterly Journal of Experimental Psychology, 2022, 75, 313-327.	0.6	13
136	Is apparent instability a guiding feature in visual search?. Visual Cognition, 2020, 28, 218-238.	0.9	4
137	How visual working memory handles distraction: cognitive mechanisms and electrophysiological correlates. Visual Cognition, 2020, 28, 372-387.	0.9	20
138	Distinguishing between parallel and serial processing in visual attention from neurobiological data. Royal Society Open Science, 2020, 7, 191553.	1.1	3
139	Archerfish vision: Visual challenges faced by a predator with a unique hunting technique. Seminars in Cell and Developmental Biology, 2020, 106, 53-60.	2.3	9
140	What Can Computational Models Learn From Human Selective Attention? A Review From an Audiovisual Unimodal and Crossmodal Perspective. Frontiers in Integrative Neuroscience, 2020, 14, 10.	1.0	13
141	Visual search inverts the classic Stroop asymmetry. Acta Psychologica, 2020, 205, 103054.	0.7	2
142	Temporal organization of color and shape processing during visual search. Attention, Perception, and Psychophysics, 2020, 82, 426-456.	0.7	4
143	Efficiency and accuracy of visual search develop at different rates from early childhood through early adulthood. Psychonomic Bulletin and Review, 2020, 27, 504-511.	1.4	13
144	Automatic Attention Capture by Threatening, But Not by Semantically Incongruent Natural Scene Images. Cerebral Cortex, 2020, 30, 4158-4168.	1.6	11

#	ARTICLE	IF	CITATIONS
145	Principles of tactile search over the body. <i>Journal of Neurophysiology</i> , 2020, 123, 1955-1968.	0.9	6
146	Driver glance behavior towards displayed images on in-vehicle information systems under real driving conditions. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 70, 163-174.	1.8	8
147	Expertise effects on attention and eye-movement control during visual search: Evidence from the domain of music reading. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 2201-2208.	0.7	10
148	When scenes speak louder than words: Verbal encoding does not mediate the relationship between scene meaning and visual attention. <i>Memory and Cognition</i> , 2020, 48, 1181-1195.	0.9	10
149	Age differences in foraging and executive functions: A cross-sectional study. <i>Journal of Experimental Child Psychology</i> , 2020, 198, 104910.	0.7	10
150	The space for memory in posterior parietal cortex: Re-analyses of bottom-up attention data. <i>Neuropsychologia</i> , 2020, 146, 107551.	0.7	9
151	The Decline in Intrinsic Connectivity Between the Salience Network and Locus Coeruleus in Older Adults: Implications for Distractibility. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 2.	1.7	29
152	Novelty competes with saliency for attention. <i>Vision Research</i> , 2020, 168, 42-52.	0.7	25
153	Scene memory and spatial inhibition in visual search. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 775-798.	0.7	9
154	Fighting Left Handers Promotes Different Visual Perceptual Strategies than Right Handers: The Study of Eye Movements of Foil Fencers in Attack and Defence. <i>BioMed Research International</i> , 2020, 2020, 1-11.	0.9	8
155	Search and concealment strategies in the spatiotemporal domain. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 2393-2414.	0.7	0
156	Crossmodal learning of target-context associations: When would tactile context predict visual search?. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 1682-1694.	0.7	6
157	Assessing introspective awareness of attention capture. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 1586-1598.	0.7	9
158	Flexible target templates improve visual search accuracy for faces depicting emotion. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 2909-2923.	0.7	5
159	Forty years after feature integration theory: An introduction to the special issue in honor of the contributions of Anne Treisman. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 1-6.	0.7	10
160	Human performance modeling and its uncertainty factors affecting decision making: a survey. <i>Soft Computing</i> , 2020, 24, 2851-2871.	2.1	11
161	Attentional Orienting by Non-informative Cue Is Shaped via Reinforcement Learning. <i>Frontiers in Psychology</i> , 2020, 10, 2884.	1.1	1
162	Visual Search: How Do We Find What We Are Looking For?. <i>Annual Review of Vision Science</i> , 2020, 6, 539-562.	2.3	83

#	ARTICLE	IF	CITATIONS
163	Attentional repulsion effects produced by feature-guided shifts of attention. <i>Journal of Vision</i> , 2020, 20, 10.	0.1	5
164	Space of preattentive shape features. <i>Journal of Vision</i> , 2020, 20, 10.	0.1	15
165	Direction Concentration Learning: Enhancing Congruency in Machine Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021, 43, 1928-1946.	9.7	4
166	Possible clinical anatomical features of right Alzheimer's disease (RAD). <i>Aging Clinical and Experimental Research</i> , 2021, 33, 669-671.	1.4	2
167	Real-time vision-based worker localization & hazard detection for construction. <i>Automation in Construction</i> , 2021, 121, 103448.	4.8	46
168	An intelligent target detection method of UAV swarms based on improved KM algorithm. <i>Chinese Journal of Aeronautics</i> , 2021, 34, 539-553.	2.8	10
169	Effect of digital highlighting on reading comprehension given text-to-speech technology for people with aphasia. <i>Aphasiology</i> , 2021, 35, 200-221.	1.4	5
170	Prior attentional bias is modulated by social gaze. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1-6.	0.7	5
171	Progress toward resolving the attentional capture debate. <i>Visual Cognition</i> , 2021, 29, 1-21.	0.9	181
172	Are self-caused distractors easier to ignore? Experiments with the flanker task. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 853-865.	0.7	1
173	Enhanced detection of gaze toward an object: Sociocognitive influences on visual search. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 494-502.	1.4	2
174	Distinguishing the neural mechanism of attentional control and working memory in feature-based attentive tracking. <i>Psychophysiology</i> , 2021, 58, e13726.	1.2	3
175	A Design Space of Vision Science Methods for Visualization Research. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 1117-1127.	2.9	17
176	Semantic Discriminability for Visual Communication. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 1022-1031.	2.9	26
177	Saliency Prediction in the Deep Learning Era: Successes and Limitations. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021, 43, 679-700.	9.7	96
178	The Effect of Evidential Impact on Perceptual Probabilistic Judgments. <i>Cognitive Science</i> , 2021, 45, e12919.	0.8	4
179	EEG signatures of contextual influences on visual search with real scenes. <i>Experimental Brain Research</i> , 2021, 239, 797-809.	0.7	3
180	Visual search in virtual 3D space: the relation of multiple targets and distractors. <i>Psychological Research</i> , 2021, 85, 2151-2162.	1.0	4

#	ARTICLE	IF	CITATIONS
181	Integrating salience and action – Increased integration strength through salience. <i>Visual Cognition</i> , 2021, 29, 91-104.	0.9	13
182	Kindness Media Rapidly Inspires Viewers and Increases Happiness, Calm, Gratitude, and Generosity in a Healthcare Setting. <i>Frontiers in Psychology</i> , 2020, 11, 591942.	1.1	6
183	Research on Perceptual Cues of Interactive Narrative in Virtual Reality. <i>Lecture Notes in Computer Science</i> , 2021, , 283-296.	1.0	1
184	The time course of salience: not entirely caused by salience. <i>Psychological Research</i> , 2021, , 1.	1.0	2
185	Efficient visual search for facial emotions in patients with major depression. <i>BMC Psychiatry</i> , 2021, 21, 92.	1.1	2
186	Guided Search 6.0: An updated model of visual search. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 1060-1092.	1.4	225
187	Design and Development of Scene Recognition and Classification Model Based on Human Pre-attentive Visual Attention. <i>Journal of Physics: Conference Series</i> , 2021, 1755, 012012.	0.3	0
188	Size-distance rescaling in the ensemble representation of range: Study with binocular and monocular cues. <i>Acta Psychologica</i> , 2021, 213, 103238.	0.7	3
189	Attention: Theory, Principles, Models and Applications. <i>International Journal of Human-Computer Interaction</i> , 2021, 37, 403-417.	3.3	51
190	The lateral intraparietal sulcus takes viewpoint changes into account during memory-guided attention in natural scenes. <i>Brain Structure and Function</i> , 2021, 226, 989-1006.	1.2	4
191	Beyond Looking for the Rewarded Target: The Effects of Reward on Attention in Search Tasks. <i>Frontiers in Psychology</i> , 2021, 12, 632442.	1.1	2
192	Foveated Model Observers for Visual Search in 3D Medical Images. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1021-1031.	5.4	9
193	Under-exploration of Three-Dimensional Images Leads to Search Errors for Small Salient Targets. <i>Current Biology</i> , 2021, 31, 1099-1106.e5.	1.8	14
194	[DC] Eye Fixation Forecasting in Task-Oriented Virtual Reality. , 2021, , .		0
195	The effect of expertise, target usefulness and image structure on visual search. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 16.	1.1	7
196	Foraging behavior in visual search: A review of theoretical and mathematical models in humans and animals. <i>Psychological Research</i> , 2022, 86, 331-349.	1.0	9
197	A Search Advantage for Horizontal Targets in Dynamic Displays. <i>I-Perception</i> , 2021, 12, 204166952110046.	0.8	3
198	Eye movements are not mandatorily preceded by the N2pc component. <i>Psychophysiology</i> , 2021, 58, e13821.	1.2	8

#	ARTICLE	IF	CITATIONS
199	Baseline Differences in Anxiety Affect Attention and tDCS-Mediated Learning. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 541369.	1.0	3
200	Massive Effects of Saliency on Information Processing in Visual Working Memory. <i>Psychological Science</i> , 2021, 32, 682-691.	1.8	20
201	The dynamics of saliency-driven and goal-driven visual selection as a function of eccentricity. <i>Journal of Vision</i> , 2021, 21, 2.	0.1	8
203	Two people, one graph: the effect of rotated viewpoints on accessibility of data visualizations. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 31.	1.1	1
204	Greater Visual Working Memory Capacity for Visually Matched Stimuli When They Are Perceived as Meaningful. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 902-918.	1.1	32
205	Empirical Insights from a Study on Outlier Preserving Value Generalization in Animated Choropleth Maps. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 208.	1.4	5
206	Hazard Perceptionâ€™Response: A Theoretical Framework to Explain Driversâ€™ Interactions with Roadway Hazards. <i>Safety</i> , 2021, 7, 29.	0.9	4
207	Curious Objects: How Visual Complexity Guides Attention and Engagement. <i>Cognitive Science</i> , 2021, 45, e12933.	0.8	21
208	Does the visual salience of credit card features affect choice?. <i>Behavioural Public Policy</i> , 2023, 7, 291-308.	1.6	3
209	Standing out from the crowd: Both cue numerosity and social information affect attention in multi-agent contexts. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 174702182110130.	0.6	6
210	Impaired disengagement of attention from computer-related stimuli in Internet Gaming Disorder: Behavioral and electrophysiological evidence. <i>Journal of Behavioral Addictions</i> , 2021, 10, 77-87.	1.9	9
211	The Predation Game: Does dividing attention affect patterns of human foraging?. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 35.	1.1	2
212	Individual differences in crowding predict visual search performance. <i>Journal of Vision</i> , 2021, 21, 29.	0.1	7
213	FixationNet: Forecasting Eye Fixations in Task-Oriented Virtual Environments. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 2681-2690.	2.9	28
214	Inhibitory control deficits in vascular cognitive impairment revealed using the MILO task. <i>Neuropsychologia</i> , 2021, 155, 107794.	0.7	2
216	Motion disrupts dynamic visual search for an orientation change. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 47.	1.1	0
217	The transverse occipital sulcus and intraparietal sulcus show neural selectivity to object-scene size relationships. <i>Communications Biology</i> , 2021, 4, 768.	2.0	6
218	Evaluating the effectiveness of risk containers to isolate change propagation. <i>Journal of Systems and Software</i> , 2021, 176, 110947.	3.3	1

#	ARTICLE	IF	CITATIONS
219	When two faces are not better than one: Serial limited-capacity processing with redundant-target faces. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 3118-3134.	0.7	4
220	Saliency effects in information acquisition: No evidence for a top-down coherence influence. <i>Memory and Cognition</i> , 2021, 49, 1537-1554.	0.9	2
221	Alexithymia Is Associated With Deficits in Visual Search for Emotional Faces in Clinical Depression. <i>Frontiers in Psychiatry</i> , 2021, 12, 668019.	1.3	3
222	How do we react to cluttered displays? Evidence from the first seconds of visual search in websites. <i>Ergonomics</i> , 2021, 64, 1452-1464.	1.1	2
223	Looking for Semantic Similarity: What a Vector-Space Model of Semantics Can Tell Us About Attention in Real-World Scenes. <i>Psychological Science</i> , 2021, 32, 1262-1270.	1.8	23
224	The Modulating Effect of Top-down Attention on the Optimal Pre-target Onset Oscillatory States of Bottom-up Attention. <i>Neuroscience</i> , 2021, 466, 186-195.	1.1	3
225	What gaze direction can tell us about cognitive processes in invertebrates. <i>Biochemical and Biophysical Research Communications</i> , 2021, 564, 43-54.	1.0	10
226	Serial, self-terminating search can be distinguished from others: Evidence from multi-target search data. <i>Cognition</i> , 2021, 212, 104736.	1.1	0
227	I see what you mean: Semantic but not lexical factors modulate image processing in bilingual adults. <i>Memory and Cognition</i> , 2021, , 1.	0.9	0
228	Assessing how visual search entropy and engagement predict performance in a multiple-objects tracking air traffic control task. <i>Computers in Human Behavior Reports</i> , 2021, 4, 100127.	2.3	12
229	A Kiosk Station for the Assessment of Multiple Cognitive Domains and Cognitive Enrichment of Monkeys. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 721069.	1.0	13
230	Static versus dynamic medical images: The role of cue utilization in diagnostic performance. <i>Applied Cognitive Psychology</i> , 2021, 35, 1284-1296.	0.9	0
231	Extrafoveal Processing in Categorical Search for Geometric Shapes: General Tendencies and Individual Variations. <i>Cognitive Science</i> , 2021, 45, e13025.	0.8	0
232	Effectiveness of risk awareness perception training in dynamic simulator scenarios involving salient distractors. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021, 81, 295-305.	1.8	4
233	Stop paying attention to "attention". <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2023, 14, e1574.	1.4	7
235	Unsupervised foveal vision neural architecture with top-down attention. <i>Neural Networks</i> , 2021, 141, 145-159.	3.3	3
236	Three Perceptual Tools for Seeing and Understanding Visualized Data. <i>Current Directions in Psychological Science</i> , 2021, 30, 367-375.	2.8	5
237	Deep saliency models learn low-, mid-, and high-level features to predict scene attention. <i>Scientific Reports</i> , 2021, 11, 18434.	1.6	13

#	ARTICLE	IF	CITATIONS
238	Attentional capture: An ameliorable side-effect of searching for salient targets. <i>Visual Cognition</i> , 2021, 29, 600-603.	0.9	11
239	What's in a Photograph? The Perspectives of Composition Experts on Factors Impacting Visual Scene Display Complexity for Augmentative and Alternative Communication and Strategies for Improving Visual Communication. <i>American Journal of Speech-Language Pathology</i> , 2021, 30, 2080-2097.	0.9	5
240	Preparatory Control Against Distraction Is Not Feature-Based. <i>Cerebral Cortex</i> , 2021, , .	1.6	14
241	Increasing the load on executive working memory reduces the search performance in the natural scenes: Evidence from eye movements. <i>Current Psychology</i> , 2023, 42, 10234-10247.	1.7	1
242	The past, present, and future of selection history. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 326-350.	2.9	53
243	The relationship between the subjective experience of real-world cognitive failures and objective target-detection performance in visual search. <i>Cognition</i> , 2021, 217, 104914.	1.1	6
244	The development of oculomotor suppression of salient distractors in children. <i>Journal of Experimental Child Psychology</i> , 2022, 214, 105291.	0.7	3
245	Eye-Tracking: Measurements and Applications. , 2022, , 204-214.		0
246	Vision, attention, and driving. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 178, 337-360.	1.0	4
247	Application of Multiple Iso-Surface Rendering to Improvement of Perceived Depth in Transparent Stereoscopic Visualization. <i>Journal of Advanced Simulation in Science and Engineering</i> , 2021, 8, 128-142.	0.1	0
248	The Visual Shape Score: On its Predictability in the Lab, the Aggregated Stock Market, and the Cross-Section of Stock Returns. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
249	Designing Visual Markers for Continuous Artificial Intelligence Support. <i>ACM Transactions on Computing for Healthcare</i> , 2021, 2, 1-24.	3.3	13
250	Assessing visual search performance using a novel dynamic naturalistic scene. <i>Journal of Vision</i> , 2021, 21, 5.	0.1	7
251	Figure-Ground Segregation, Computational Neural Models of. , 2019, , 1-13.		1
252	Meaning and attention in scenes. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2020, , 95-117.	0.5	4
253	Learning to ignore: The development of time-based visual attention in children.. <i>Developmental Psychology</i> , 2018, 54, 2248-2264.	1.2	2
254	More efficient visual search for happy faces may not indicate guidance, but rather faster distractor rejection: Evidence from eye movements and fixations.. <i>Emotion</i> , 2020, 20, 206-216.	1.5	5
255	Perception in dynamic scenes: What is your Heider capacity?. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 252-271.	1.5	7

#	ARTICLE	IF	CITATIONS
256	Rapid holistic perception and evasion of road hazards.. Journal of Experimental Psychology: General, 2020, 149, 490-500.	1.5	31
257	Perceptual dissociations among views of objects, scenes, and reachable spaces.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 715-728.	0.7	13
258	Approach and avoidance movements modulate value-driven attentional capture.. Journal of Experimental Psychology: Human Perception and Performance, 2020, 46, 105-123.	0.7	4
259	Perceptual competition between targets and distractors determines working memory access and produces intrusion errors in rapid serial visual presentation (RSVP) tasks.. Journal of Experimental Psychology: Human Perception and Performance, 2020, 46, 1490-1510.	0.7	6
260	Where the action could be: Speakers look at graspable objects and meaningful scene regions when describing potential actions.. Journal of Experimental Psychology: Learning Memory and Cognition, 2020, 46, 1659-1681.	0.7	12
261	Oculomotion mediates attentional guidance toward temporarily close objects. Visual Cognition, 2018, 26, 166-178.	0.9	5
264	Unpacking the blackâ€œbox of students' visual attention in Mathematics and English classrooms: Empirical evidence using miniâ€œvideo recording gadgets. Journal of Computer Assisted Learning, 2021, 37, 773-781.	3.3	6
265	Gist processing in digital breast tomosynthesis. Journal of Medical Imaging, 2019, 7, 1.	0.8	6
266	Modeling Human Visual Search Performance on Realistic Webpages Using Analytical and Deep Learning Methods. , 2020, , .		16
267	Dynamics of attentional and oculomotor orienting in visual foraging tasks. Quarterly Journal of Experimental Psychology, 2022, 75, 260-276.	0.6	12
268	The Perception-Cognition Border: A Case for Architectural Division. Philosophical Review, The, 2020, 129, 323-393.	0.2	16
269	Calibration-free gaze interfaces based on linear smooth pursuit. Journal of Eye Movement Research, 2020, 13, .	0.5	13
270	Microfoundations of Resources: A Theory. SSRN Electronic Journal, 0, , .	0.4	1
271	Task Difficulty Modulates the Disrupting Effects of Oral Respiration on Visual Search Performance. Journal of Cognition, 2019, 2, 21.	1.0	3
272	Visual search characteristics of precise map reading by orienteers. PeerJ, 2019, 7, e7592.	0.9	5
273	Mapping the Visual Icon. Philosophical Quarterly, 2022, 72, 552-577.	0.3	5
274	Meaning and expected surfaces combine to guide attention during visual search in scenes. Journal of Vision, 2021, 21, 1.	0.1	28
276	Resource origins and search. Strategic Management Journal, 2023, 44, 1514-1533.	4.7	17

#	ARTICLE	IF	CITATIONS
277	Does feature intertrial priming guide attention? The jury is still out. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 369-393.	1.4	13
278	Over the rainbow: Guidelines for meaningful use of colour maps in neurophysiology. <i>NeuroImage</i> , 2021, 245, 118628.	2.1	4
280	Convolutional neural networks performing a visual search task show attention-like limits on accuracy when trained to generalize across multiple search stimuli. , 2019, , .		3
281	Robust framework of Delaunay triangulation matching based on feature saliency analysis. <i>Journal of Electronic Imaging</i> , 2019, 28, 1.	0.5	0
282	No Advantage for Separating Overt and Covert Attention in Visual Search. <i>Vision (Switzerland)</i> , 2020, 4, 28.	0.5	0
284	Event Unit Analysis: A Methodology for Anticipating Processing Demands of Complex Animated Diagrams. <i>Lecture Notes in Computer Science</i> , 2020, , 307-322.	1.0	1
285	An Adaptive Fuzzy Modeling of Visual Attention in Real-world Interaction with Health Information System. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 249-253.	0.2	0
286	Banknote Verification Relies on Vision, Feel and a Single Second. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
287	Cross-modal information transfer and the effect of concurrent task-load.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020, 46, 104-116.	0.7	0
288	n-Reference Transfer Learning for Saliency Prediction. <i>Lecture Notes in Computer Science</i> , 2020, , 502-519.	1.0	2
291	Influence of visual background complexity and task difficulty on action video game playersâ€™ performance. <i>Entertainment Computing</i> , 2022, 41, 100471.	1.8	7
292	Under time pressure, the exogenous modulation of saccade plans is ubiquitous, intricate, and lawful. <i>Current Opinion in Neurobiology</i> , 2021, 70, 154-162.	2.0	8
293	Mobile News Learning â€” Investigating Political Knowledge Gains in a Social Media Newsfeed with Mobile Eye Tracking. <i>Political Communication</i> , 2022, 39, 339-357.	2.3	12
294	Enhancing banknote authentication by guiding attention to security features and manipulating prevalence expectancy. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 73.	1.1	2
295	Strategies for highlighting items within visual scene displays to support augmentative and alternative communication access for those with physical impairments. <i>Disability and Rehabilitation: Assistive Technology</i> , 2021, , 1-11.	1.3	2
296	True colours or red herrings?: colour maps for finite-element analysis in palaeontological studies to enhance interpretation and accessibility. <i>Royal Society Open Science</i> , 2021, 8, 211357.	1.1	3
297	Rapid category selectivity for animals versus man-made objects: An N2pc study. <i>International Journal of Psychophysiology</i> , 2022, 171, 20-28.	0.5	3
298	Analysis of Individual Categorical Visual Search Strategies. <i>Neuroscience and Behavioral Physiology</i> , 0, , 1.	0.2	0

#	ARTICLE	IF	CITATIONS
299	What's Playing in Your Waiting Room? Patient and Provider Stress and the Impact of Waiting Room Media. <i>Journal of Patient Experience</i> , 2021, 8, 237437352110498.	0.4	1
300	The Ingredients of Scenes that Affect Object Search and Perception. , 2022, , 1-32.		6
301	Are all real-world objects created equal? Estimating the "size" of the search target in visual working memory. <i>Psychophysiology</i> , 2022, 59, e13998.	1.2	1
302	Attention Support with Soft Visual Cues in Control Room Environments. , 2020, , .		1
303	Visual Saliency via Multiscale Analysis in Frequency Domain and Its Applications to Ship Detection in Optical Satellite Images. <i>Frontiers in Neurorobotics</i> , 2021, 15, 767299.	1.6	2
304	Electrophysiological Evidence for the Suppression of Highly Salient Distractors. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 787-805.	1.1	20
305	Working memory guidance of visual attention to threat in offenders. <i>PLoS ONE</i> , 2022, 17, e0261882.	1.1	1
306	Visual search in naturalistic scenes from foveal to peripheral vision: A comparison between dynamic and static displays. <i>Journal of Vision</i> , 2022, 22, 10.	0.1	2
308	Systemic effects of selection history on learned ignoring. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 1347-1354.	1.4	8
309	Independent features form integrated objects: Using a novel shape-color "conjunction task" to reconstruct memory resolution for multiple object features simultaneously. <i>Cognition</i> , 2022, 223, 105024.	1.1	6
310	Cross-modal contextual memory guides selective attention in visual search tasks. <i>Psychophysiology</i> , 2022, 59, e14025.	1.2	3
311	The "Fat Face" illusion: A robust adaptation for processing pairs of faces. <i>Vision Research</i> , 2022, 195, 108015.	0.7	0
312	Skill Acquisition and Development Issues with Predictable Badminton Feeding Routines. <i>International Journal of Physical Education Fitness and Sports</i> , 2022, 11, 20-29.	0.2	0
313	Visual search analysis using parametric fixations. <i>Multimedia Tools and Applications</i> , 2022, 81, 10007-10022.	2.6	1
314	Searching Names in Contact List by Three Touch-Screen Gestures. <i>International Journal of Human-Computer Interaction</i> , 2023, 39, 151-163.	3.3	2
315	Humans represent the precision and utility of information acquired across fixations. <i>Scientific Reports</i> , 2022, 12, 2411.	1.6	2
316	Dual Process Theories: Computing Cognition in Context. <i>ACM Transactions on Computing Education</i> , 2022, 22, 1-31.	2.9	1
318	Covert attention is attracted to prior target locations: Evidence from the probe paradigm. <i>Attention, Perception, and Psychophysics</i> , 2022, , 1.	0.7	4

#	ARTICLE	IF	CITATIONS
319	The Oddity Detection in Diverse Scenes (ODDS) database: Validated real-world scenes for studying anomaly detection. Behavior Research Methods, 2022, , 1.	2.3	0
320	Color and Shape efficiency for outlier detection from automated to user evaluation. Visual Informatics, 2022, 6, 25-40.	2.5	4
321	Weighting the factors affecting attention guidance during free viewing and visual search: The unexpected role of object recognition uncertainty. Journal of Vision, 2022, 22, 13.	0.1	1
322	Be there on time: Spatial&temporal regularities guide young children&TM's attention in dynamic environments. Child Development, 2022, 93, 1414-1426.	1.7	4
323	A Generative View of Rationality and Growing Awareness&E. Frontiers in Psychology, 2022, 13, 807261.	1.1	11
324	Facial hair may slow detection of happy facial expressions in the face in the crowd paradigm. Scientific Reports, 2022, 12, 5911.	1.6	5
325	Perception of semantic relations in scenes: A registered report study of attention hold. Consciousness and Cognition, 2022, 100, 103315.	0.8	2
326	Information&seeking when information doesn't matter. Journal of Behavioral Decision Making, 2022, 35, .	1.0	4
327	PoVRPoint: Authoring Presentations in Mobile Virtual Reality. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 2069-2079.	2.9	11
328	Eye Movement Modeling Examples guide viewer eye movements but do not improve learning. Learning and Instruction, 2022, 79, 101601.	1.9	1
329	Search asymmetry in periodical changes of motion directions. Vision Research, 2022, 195, 108025.	0.7	0
330	Urgency-Based color coding to support visual search in displays for supervisory control of multiple unmanned aircraft systems. Displays, 2022, 74, 102185.	2.0	6
331	A Study of Visual Search based Calibration Protocol for EEG Attention Detection. , 2021, 2021, 5792-5795.		0
332	The Science of Visual Data Communication: What Works. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2021, 22, 110-161.	6.7	79
333	The effect of map label language on the visual search of cartographic point symbols. Cartography and Geographic Information Science, 2022, 49, 189-204.	1.4	4
334	Benchmarking Human Performance for Visual Search of Aerial Images. Frontiers in Psychology, 2021, 12, 733021.	1.1	0
335	HFTViz: Visualization for the exploration of high frequency trading data. Information Visualization, 2022, 21, 182-193.	1.2	1
336	Ð&N&D,Ñ,ÐµÐ»ÑCED½Ñ&Ð½ Ð½;Ð¾¼Ð,ÑÐ° Ð½½Ð°Ð°Ð¾Ð¾¼Ð½¼Ñ&N... Ð, Ð¾¼Ð½;Ð°ÑÐ½½Ñ&N... ÑÑ,Ð½¼ÑfÐ»Ð¾¼Ð²: Â«Ð¾¼Ð¾¼Ð½½Ð½,Ð½»		

#	ARTICLE	IF	CITATIONS
337	Neutral animals matter: Animacy modulates object-based attentional allocation. Quarterly Journal of Experimental Psychology, 2023, 76, 583-595.	0.6	0
338	Analysis of Attention, Processing, and Visual Search in Adults With Traumatic Brain Injury: A Preliminary Study. Perspectives of the ASHA Special Interest Groups, 0, , 1-13.	0.4	0
340	Periodic attention operates faster during more complex visual search. Scientific Reports, 2022, 12, 6688.	1.6	7
341	Stimulus Saliency Conflicts and Colludes with Endogenous Goals During Urgent Choices. SSRN Electronic Journal, 0, , .	0.4	0
342	Attentional Prioritization of Complex, Naturalistic Stimuli Maintained in Working-Memoryâ€“A Dot-Probe Event-Related Potentials Study. Frontiers in Human Neuroscience, 2022, 16, 838338.	1.0	1
343	Event-driven proto-object based saliency in 3D space to attract a robotâ€™s attention. Scientific Reports, 2022, 12, 7645.	1.6	6
344	Attentional economics links value-modulated attentional capture and decision-making. , 2022, 1, 320-333.		8
345	Real-time mixed reality-based visual warning for construction workforce safety. Automation in Construction, 2022, 139, 104252.	4.8	59
346	Top-down control of attention by stereoscopic depth. Vision Research, 2022, 198, 108061.	0.7	4
348	Priming effects in inefficient visual search: Real, but transient. Attention, Perception, and Psychophysics, 2022, 84, 1417-1431.	0.7	1
349	Well-designed medical pictograms accelerate search. Applied Ergonomics, 2022, 103, 103799.	1.7	1
350	Do we enjoy what we sense and perceive? A dissociation between aesthetic appreciation and basic perception of environmental objects or events. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 904-951.	1.0	3
351	Gaze-Based Interaction Intention Recognition in Virtual Reality. Electronics (Switzerland), 2022, 11, 1647.	1.8	3
352	Decision Weights for Experimental Asset Prices Based on Visual Saliency. Review of Financial Studies, 2022, 35, 5094-5126.	3.7	11
353	Modeling Human Visual Search in Natural Scenes: A Combined Bayesian Searcher and Saliency Map Approach. Frontiers in Systems Neuroscience, 2022, 16, .	1.2	1
355	Habit-like attentional bias is unlike goal-driven attentional bias against spatial updating. Cognitive Research: Principles and Implications, 2022, 7, .	1.1	1
356	Figure-Ground Segregation, Computational Neural Models of. , 2022, , 1404-1417.		0
357	Could simplified stimuli change how the brain performs visual search tasks? A deep neural network study. Journal of Vision, 2022, 22, 3.	0.1	2

#	ARTICLE	IF	CITATIONS
358	Predictable Effects of Visual Saliency in Experimental Decisions and Games. Quarterly Journal of Economics, 2022, 137, 1849-1900.	3.8	16
359	Gains and Losses Affect Learning Differentially at Low and High Attentional Load. Journal of Cognitive Neuroscience, 2022, 34, 1952-1971.	1.1	2
360	Exogenous capture accounts for fundamental differences between pro- and antisaccade performance. ELife, 0, 11, .	2.8	3
361	Normal blindness: when we Look But Fail To See. Trends in Cognitive Sciences, 2022, 26, 809-819.	4.0	13
362	Assessing Higher-Order Visual Processing in Cerebral Visual Impairment Using Naturalistic Virtual-Reality-Based Visual Search Tasks. Children, 2022, 9, 1114.	0.6	7
363	This is a test: Oculomotor capture when the experiment keeps score. Attention, Perception, and Psychophysics, 2022, 84, 2115-2126.	0.7	3
364	Auxiliary Scene-Context Information Provided by Anchor Objects Guides Attention and Locomotion in Natural Search Behavior. Psychological Science, 2022, 33, 1463-1476.	1.8	12
365	High-level visual search in children with autism. Journal of Vision, 2022, 22, 6.	0.1	1
366	Scene saliencies in egocentric vision and their creation by parents and infants. Cognition, 2022, 229, 105256.	1.1	3
367	The acquisition but not adaptation of contextual memories is enhanced in action video-game players. Computers in Human Behavior, 2022, 137, 107401.	5.1	2
368	Promoting a hand sanitizer by persuasive messages: moving bottle and background color as approach and avoidance cues. Current Psychology, 0, , .	1.7	0
369	The FORAGEKID Game: Hybrid-Foraging as a new way to study aspects of executive function in development. Cognitive Development, 2022, 64, 101233.	0.7	2
370	Mtsf: Multi-Scale Temporal-Spatial Fusion Network for Driver Attention Prediction. SSRN Electronic Journal, 0, , .	0.4	0
371	Deep Saliency Prior for Reducing Visual Distraction. , 2022, , .		8
372	(How) Visual properties affect the perception and description of transitive events. , 2022, 1, .		0
373	Learned distractor rejection persists across target search in a different dimension. Attention, Perception, and Psychophysics, 2023, 85, 785-795.	0.7	2
374	The influence of category representativeness on the low prevalence effect in visual search. Psychonomic Bulletin and Review, 2023, 30, 634-642.	1.4	0
375	Visual search as an embodied process: The effects of perspective change and external reference on search performance. Journal of Vision, 2022, 22, 13.	0.1	2

#	ARTICLE	IF	CITATIONS
376	Perceptual decision-making in autism as assessed by "spot the difference" visual cognition tasks. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
377	Phasic Alertness is Unaffected by the Attentional Set for Orienting. <i>Journal of Cognition</i> , 2022, 5, .	1.0	6
378	Mechanisms for individual, group-based and crowd-based attention to social information. , 2022, 1, 721-732.		3
379	Attention as a multi-level system of weights and balances. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2023, 14, .	1.4	6
380	Between the Scenes. <i>Experimental Psychology</i> , 2022, 69, 185-195.	0.3	3
381	Aesthetic appeal influences visual search performance. <i>Attention, Perception, and Psychophysics</i> , 2022, 84, 2483-2506.	0.7	1
382	Color-Encoded Links Improve Homophily Perception in Node-Link Diagrams. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2023, 29, 5593-5598.	2.9	1
383	When information security depends on font size: how the saliency of warnings affects protection behavior. <i>Journal of Risk Research</i> , 2023, 26, 233-255.	1.4	1
384	Labor division in collaborative visual search: a review. <i>Psychological Research</i> , 0, , .	1.0	0
385	The effectiveness of path-segmentation for modeling lasso times in width-varying paths. <i>Proceedings of the ACM on Human-Computer Interaction</i> , 2022, 6, 640-659.	2.5	0
386	Human-like Attention-Driven Saliency Object Estimation in Dynamic Driving Scenes. <i>Machines</i> , 2022, 10, 1172.	1.2	0
387	On the importance of color in mass spectrometry imaging. <i>Journal of Mass Spectrometry</i> , 2022, 57, .	0.7	5
388	The influence of movement-related costs when searching to act and acting to search. <i>Journal of Neurophysiology</i> , 2023, 129, 115-130.	0.9	3
390	The effect of color coding and layout coding on users' visual search on mobile map navigation icons. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	1
391	Active visual search in naturalistic environments reflects individual differences in classic visual search performance. <i>Scientific Reports</i> , 2023, 13, .	1.6	4
392	Top-down knowledge surpasses selection history in influencing attentional guidance. <i>Attention, Perception, and Psychophysics</i> , 0, , .	0.7	0
393	Efficiency of a Visual Search Explained by the Small-World Features of a Gaze Position Network. <i>Advanced Biomedical Engineering</i> , 2023, 12, 37-50.	0.4	1
394	Mirror blindness: Our failure to recognize the target in search for mirror-reversed shapes. <i>Attention, Perception, and Psychophysics</i> , 2023, 85, 418-437.	0.7	0

#	ARTICLE	IF	CITATIONS
395	Competition Between Object Topology and Surface Features in Children's Extension of Novel Nouns. <i>Open Mind</i> , 2023, 7, 93-110.	0.6	2
396	Assessing the allocation of attention during visual search using digit-tracking, a calibration-free alternative to eye tracking. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
397	Fast Candidate Region Extraction for SAR Ship Target. , 2022, , .		0
398	Humans, fish, spiders and bees inherited working memory and attention from their last common ancestor. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	1
399	Learned cognitive control counteracts value-driven attentional capture. <i>Psychological Research</i> , 0, , .	1.0	0
400	Stimulus salience conflicts and colludes with endogenous goals during urgent choices. <i>IScience</i> , 2023, 26, 106253.	1.9	0
401	Good-enough attentional guidance. <i>Trends in Cognitive Sciences</i> , 2023, 27, 391-403.	4.0	13
402	How does the design of landmarks on a mobile map influence wayfinding experts' spatial learning during a real-world navigation task?. <i>Cartography and Geographic Information Science</i> , 2023, 50, 197-213.	1.4	6
403	Statistical context learning in tactile search: Crossmodally redundant, visuo-tactile contexts fail to enhance contextual cueing. , 0, 2, .		0
404	The same phase creates a unique visual rhythm unifying moving elements in time. <i>PsyCh Journal</i> , 0, , .	0.5	0
405	Broken Ring enVision Search (BReViS): A New Clinical Test of Attention to Assess the Effect of Layout and Crowding on Visual Search. <i>Brain Sciences</i> , 2023, 13, 494.	1.1	1
406	CNN-based search model fails to account for human attention guidance by simple visual features. <i>Attention, Perception, and Psychophysics</i> , 2024, 86, 9-15.	0.7	1
407	Speakers prioritise affordance-based object semantics in scene descriptions. <i>Language, Cognition and Neuroscience</i> , 2023, 38, 1045-1067.	0.7	0
408	Influence of figure information on attention distribution in Chinese landscape painting. <i>Heliyon</i> , 2023, 9, e15036.	1.4	0
409	Development of a Visual Search Service Effectiveness Scale for Assessing Image Search Effectiveness: A Behavioral and Technological Perspective. <i>International Journal of Human-Computer Interaction</i> , 0, , 1-15.	3.3	1
410	User Preference and Performance using Tagging and Browsing for Image Labeling. , 2023, , .		0
419	Space Topology Change Mostly Attracts Human Attention: An Implicit Feedback VR Driving System. , 2023, , .		0
422	Task-Driven Graph Attention for Hierarchical Relational Object Navigation. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
423	From Discovery to Adoption: Understanding the ML Practitionersâ€™ Interpretability Journey. , 2023, , .		0
432	Exploring the Use of the Delphi Method in Visual Search Service Effectiveness Measurement Research in e-Commerce Platform. , 2023, , .		0
452	Attention, awareness, and consciousness. , 2024, , 119-139.		0
456	Gamification Techniques and Feedback Mechanisms for Educational Robots. , 2023, , .		0
467	Effects of Augmented Reality on Visuospatial Abilities of Males and Females. Studies in Computational Intelligence, 2024, , 122-131.	0.7	0