

Arni Kristjansson

List of Publications by Year in descending order

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Version: 2024-02-01

145
papers

4,002
citations

94433

37
h-index

155660

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g-index

171
all docs

171
docs citations

171
times ranked

2111
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian approximations to the theory of visual attention (TVA) in a foraging task. Quarterly Journal of Experimental Psychology, 2023, 76, 497-510.	1.1	2
2	Foraging tempo: Human run patterns in multiple-target search are constrained by the rate of successive responses. Quarterly Journal of Experimental Psychology, 2022, 75, 297-312.	1.1	7
3	Moving foraging into three dimensions: Feature- versus conjunction-based foraging in virtual reality. Quarterly Journal of Experimental Psychology, 2022, 75, 313-327.	1.1	13
4	Dynamics of attentional and oculomotor orienting in visual foraging tasks. Quarterly Journal of Experimental Psychology, 2022, 75, 260-276.	1.1	12
5	The selection balance: Contrasting value, proximity and priming in a multitarget foraging task. Cognition, 2022, 218, 104935.	2.2	3
6	Temporal integration of feature probability distributions. Psychological Research, 2022, 86, 2030-2044.	1.7	4
7	Advances in the application of a computational Theory of Visual Attention (TVA): Moving towards more naturalistic stimuli and game-like tasks. Open Psychology, 2022, 4, 27-46.	0.3	2
8	Vibrotactile Threshold Measurements at the Wrist Using Parallel Vibration Actuators. ACM Transactions on Applied Perception, 2022, 19, 1-11.	1.9	5
9	Optimizing perception: Attended and ignored stimuli create opposing perceptual biases. Attention, Perception, and Psychophysics, 2021, 83, 1230-1239.	1.3	22
10	Eating disorder symptoms and foraging for food related items. Journal of Eating Disorders, 2021, 9, 18.	2.7	2
11	Dissociating implicit and explicit ensemble representations reveals the limits of visual perception and the richness of behavior. Scientific Reports, 2021, 11, 3899.	3.3	21
12	Keeping it real: Looking beyond capacity limits in visual cognition. Attention, Perception, and Psychophysics, 2021, 83, 1375-1390.	1.3	21
13	The Predation Game: Does dividing attention affect patterns of human foraging?. Cognitive Research: Principles and Implications, 2021, 6, 35.	2.0	2
14	The development of foraging organization. Attention, Perception, and Psychophysics, 2021, 83, 2891-2904.	1.3	5
15	Adding another dimension to history effects in vision: Larger serial dependence in the depth plane than in the fronto-parallel plane in virtual reality. Journal of Vision, 2021, 21, 2505.	0.3	1
16	Feature distribution learning by passive exposure. Journal of Vision, 2021, 21, 2559.	0.3	1
17	The inseparability of visual processes in developmental dyslexia and the inseparability of visual categories in developmental prosopagnosia. Journal of Vision, 2021, 21, 2658.	0.3	0
18	Serial dependence from distractor stimuli at irrelevant locations. Journal of Vision, 2021, 21, 2591.	0.3	0

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19	You see what you look for: Targets and distractors in visual search can cause opposing serial dependencies. <i>Journal of Vision</i> , 2021, 21, 3.	0.3	17
20	The role of attention and feature-space proximity in perceptual biases from serial dependence. <i>Journal of Vision</i> , 2021, 21, 2543.	0.3	1
21	Temporal integration of feature probability distributions in visual working memory. <i>Journal of Vision</i> , 2021, 21, 1969.	0.3	2
22	Testing temporal integration of feature probability distributions using role-reversal effects in visual search. <i>Vision Research</i> , 2021, 188, 211-226.	1.4	8
23	What kind of empirical evidence is needed for probabilistic mental representations? An example from visual perception. <i>Cognition</i> , 2021, 217, 104903.	2.2	8
24	Contrasting attentional biases in a saccadic choice task. <i>Experimental Brain Research</i> , 2021, , 1.	1.5	0
25	Featural and configural processing of faces and houses in matched dyslexic and typical readers. <i>Neuropsychologia</i> , 2021, 162, 108059.	1.6	8
26	Dynamics of visual attention revealed in foraging tasks. <i>Cognition</i> , 2020, 194, 104032.	2.2	24
27	How feature integration theory integrated cognitive psychology, neurophysiology, and psychophysics. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 7-23.	1.3	36
28	Temporal Characteristics of Priming of Attention Shifts Are Mirrored by BOLD Response Patterns in the Frontoparietal Attention Network. <i>Cerebral Cortex</i> , 2020, 30, 2267-2280.	2.9	11
29	Foraging with Anne Treisman: Features versus conjunctions, patch leaving and memory for foraged locations. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 818-831.	1.3	11
30	Probabilistic rejection templates in visual working memory. <i>Cognition</i> , 2020, 196, 104075.	2.2	17
31	Encoding perceptual ensembles during visual search in peripheral vision. <i>Journal of Vision</i> , 2020, 20, 20.	0.3	13
32	Disgust and Contamination Concerns: the Mediating Role of Harm Avoidance and Incompleteness. <i>International Journal of Cognitive Therapy</i> , 2020, 13, 251-270.	2.2	3
33	Age differences in foraging and executive functions: A cross-sectional study. <i>Journal of Experimental Child Psychology</i> , 2020, 198, 104910.	1.4	10
34	Measuring Biases of Visual Attention: A Comparison of Four Tasks. <i>Behavioral Sciences (Basel)</i> , 2021, 10, 14.	2.1	1
35	No Advantage for Separating Overt and Covert Attention in Visual Search. <i>Vision (Switzerland)</i> , 2020, 4, 28.	1.2	0
36	The influence of stimulus uncertainty on attractive and repulsive perceptual biases. <i>Journal of Vision</i> , 2020, 20, 142.	0.3	1

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37	Representing color and orientation ensembles: Can observers learn multiple feature distributions?. <i>Journal of Vision</i> , 2019, 19, 2.	0.3	18
38	A serious game to explore human foraging in a 3D environment. <i>PLoS ONE</i> , 2019, 14, e0219827.	2.5	14
39	The intensity order illusion: temporal order of different vibrotactile intensity causes systematic localization errors. <i>Journal of Neurophysiology</i> , 2019, 122, 1810-1820.	1.8	10
40	Attentional priming does not enable observers to ignore salient distractors. <i>Visual Cognition</i> , 2019, 27, 595-608.	1.6	6
41	The influence of selection modality, display dynamics and error feedback on patterns of human foraging. <i>Visual Cognition</i> , 2019, 27, 626-648.	1.6	13
42	Visual foraging and executive functions: A developmental perspective. <i>Acta Psychologica</i> , 2019, 193, 203-213.	1.5	19
43	Visual Foraging Tasks Provide New Insights into the Orienting of Visual Attention: Methodological Considerations. <i>Neuromethods</i> , 2019, , 3-21.	0.3	11
44	Feature Distribution Learning (FDL): A New Method for Studying Visual Ensembles Perception with Priming of Attention Shifts. <i>Neuromethods</i> , 2019, , 37-57.	0.3	14
45	Own-race and other-race face recognition problems without visual expertise problems in dyslexic readers. <i>Vision Research</i> , 2019, 158, 146-156.	1.4	16
46	Serial dependence in a simulated clinical visual search task. <i>Scientific Reports</i> , 2019, 9, 19937.	3.3	29
47	Attentional priming: recent insights and current controversies. <i>Current Opinion in Psychology</i> , 2019, 29, 71-75.	4.9	58
48	Expectations and perceptual priming in a visual search task: Evidence from eye movements and behavior.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2019, 45, 489-499.	0.9	18
49	The role of executive functions in foraging throughout development. <i>Journal of Vision</i> , 2019, 19, 234b.	0.3	2
50	Variance modulates temporal weighting during integration of sequentially presented visual ensembles. <i>Journal of Vision</i> , 2019, 19, 193.	0.3	0
51	Effects of saccade training on express saccade proportions, saccade latencies, and peak velocities: an investigation of nasal/temporal differences. <i>Experimental Brain Research</i> , 2018, 236, 1251-1262.	1.5	8
52	Implicit processing during change blindness revealed with mouse-contingent and gaze-contingent displays. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 844-859.	1.3	9
53	Foraging through multiple target categories reveals the flexibility of visual working memory. <i>Acta Psychologica</i> , 2018, 183, 108-115.	1.5	30
54	Specific problems in visual cognition of dyslexic readers: Face discrimination deficits predict dyslexia over and above discrimination of scrambled faces and novel objects. <i>Cognition</i> , 2018, 175, 157-168.	2.2	29

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55	How visual working memory contents influence priming of visual attention. <i>Psychological Research</i> , 2018, 82, 833-839.	1.7	14
56	Evaluation of an Audio-haptic Sensory Substitution Device for Enhancing Spatial Awareness for the Visually Impaired. <i>Optometry and Vision Science</i> , 2018, 95, 757-765.	1.2	27
57	Asymmetries of the visual system and their influence on visual performance and oculomotor dynamics. <i>European Journal of Neuroscience</i> , 2018, 48, 3426-3445.	2.6	19
58	Measuring relative vibrotactile spatial acuity: effects of tactor type, anchor points and tactile anisotropy. <i>Experimental Brain Research</i> , 2018, 236, 3405-3416.	1.5	29
59	Time limits during visual foraging reveal flexible working memory templates.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 827-835.	0.9	28
60	Probabilistic perceptual landscapes. <i>Journal of Vision</i> , 2018, 18, 529.	0.3	1
61	Introducing a New Haptic Illusion to Increase the Perceived Resolution of Tactile Displays. , 2018, , .		1
62	Visual search slopes are not caused by increased distractor numbers: Insights from visual foraging. <i>Journal of Vision</i> , 2018, 18, 638.	0.3	0
63	Representing color and orientation ensembles: Perceptual learning of multiple feature distributions. <i>Journal of Vision</i> , 2018, 18, 263.	0.3	0
64	Are Foraging Patterns in Humans Related to Working Memory and Inhibitory Control?. <i>Japanese Psychological Research</i> , 2017, 59, 152-166.	1.1	26
65	Problems with visual statistical learning in developmental dyslexia. <i>Scientific Reports</i> , 2017, 7, 606.	3.3	50
66	Set size manipulations reveal the boundary conditions of perceptual ensemble learning. <i>Vision Research</i> , 2017, 140, 144-156.	1.4	19
67	Learning features in a complex and changing environment: A distribution-based framework for visual attention and vision in general. <i>Progress in Brain Research</i> , 2017, 236, 97-120.	1.4	18
68	Effects of stimulus order on auditory distance discrimination of virtual nearby sound sources. <i>Journal of the Acoustical Society of America</i> , 2017, 141, EL375-EL380.	1.1	3
69	Representing Color Ensembles. <i>Psychological Science</i> , 2017, 28, 1510-1517.	3.3	55
70	Relative vibrotactile spatial acuity of the torso. <i>Experimental Brain Research</i> , 2017, 235, 3505-3515.	1.5	29
71	Rapid learning of visual ensembles. <i>Journal of Vision</i> , 2017, 17, 21.	0.3	30
72	Developmental dyslexia and potential deficits of experience-driven visual processing. <i>Journal of Vision</i> , 2017, 17, 627.	0.3	0

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73	Visual foraging with two simultaneous visual working memory templates. <i>Journal of Vision</i> , 2017, 17, 1126.	0.3	0
74	Serial dependence determines object classification in visual search. <i>Journal of Vision</i> , 2017, 17, 221.	0.3	1
75	Binding feature distributions to locations and to other features. <i>Journal of Vision</i> , 2017, 17, 78.	0.3	0
76	The Slopes Remain the Same: Reply to Wolfe (2016). <i>I-Perception</i> , 2016, 7, 204166951667338.	1.4	6
77	Designing sensory-substitution devices: Principles, pitfalls and potential1. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 769-787.	0.7	69
78	The Sound of Vision Project: On the Feasibility of an Audio-Haptic Representation of the Environment, for the Visually Impaired. <i>Brain Sciences</i> , 2016, 6, 20.	2.3	23
79	Building ensemble representations: How the shape of preceding distractor distributions affects visual search. <i>Cognition</i> , 2016, 153, 196-210.	2.2	64
80	On the joys of perceiving: Affect as feedback for perceptual predictions. <i>Acta Psychologica</i> , 2016, 169, 1-10.	1.5	44
81	Understanding visual attention in childhood: Insights from a new visual foraging task. <i>Cognitive Research: Principles and Implications</i> , 2016, 1, 18.	2.0	15
82	Visual Foraging With Fingers and Eye Gaze. <i>I-Perception</i> , 2016, 7, 204166951663727.	1.4	38
83	Priming of Visual Search Facilitates Attention Shifts: Evidence From Object-Substitution Masking. <i>Perception</i> , 2016, 45, 255-264.	1.2	5
84	Reconsidering Visual Search. <i>I-Perception</i> , 2015, 6, 204166951561467.	1.4	41
85	Impaired recognition of faces and objects in dyslexia: Evidence for ventral stream dysfunction?. <i>Neuropsychology</i> , 2015, 29, 739-750.	1.3	57
86	Barking up the wrong tree in attentional bias modification? Comparing the sensitivity of four tasks to attentional biases. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2015, 48, 9-16.	1.2	21
87	Money talks in attention bias modification: Reward in a dot-probe task affects attentional biases. <i>Visual Cognition</i> , 2015, 23, 118-132.	1.6	17
88	Can a single short-term mechanism account for priming of pop-out?. <i>Vision Research</i> , 2015, 115, 17-22.	1.4	43
89	History effects in visual search for monsters: Search times, choice biases, and liking. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 402-412.	1.3	16
90	Repetition priming in selective attention: A TVA analysis. <i>Acta Psychologica</i> , 2015, 160, 35-42.	1.5	25

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91	Blaming the victims of your own mistakes: How visual search accuracy influences evaluation of stimuli. <i>Cognition and Emotion</i> , 2015, 29, 1091-1106.	2.0	14
92	Common Attentional Constraints in Visual Foraging. <i>PLoS ONE</i> , 2014, 9, e100752.	2.5	73
93	Random reward priming is task-contingent: the robustness of the 1-trial reward priming effect. <i>Frontiers in Psychology</i> , 2014, 5, 309.	2.1	9
94	How priming in visual search affects response time distributions: Analyses with ex-Gaussian fits. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 2199-2211.	1.3	17
95	Replacing intrusive thoughts: Investigating thought control in relation to OCD symptoms. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2014, 45, 506-515.	1.2	9
96	Independent priming of location and color in identification of briefly presented letters. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 40-48.	1.3	33
97	Violating the main sequence: asymmetries in saccadic peak velocities for saccades into the temporal versus nasal hemifields. <i>Experimental Brain Research</i> , 2013, 227, 101-110.	1.5	13
98	Attentional priming releases crowding. <i>Attention, Perception, and Psychophysics</i> , 2013, 75, 1323-1329.	1.3	10
99	The case for causal influences of action videogame play upon vision and attention. <i>Attention, Perception, and Psychophysics</i> , 2013, 75, 667-672.	1.3	55
100	The Icelandic version of the dimensional obsessive compulsive scale (DOCS) and its relationship with obsessive beliefs. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2013, 2, 149-156.	1.5	16
101	The boundary conditions of priming of visual search: From passive viewing through task-relevant working memory load. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 514-521.	2.8	38
102	An internationally standardised antisaccade protocol. <i>Vision Research</i> , 2013, 84, 1-5.	1.4	138
103	Hot-facilitation of cool-processing: Emotional distraction can enhance priming of visual search.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 298-306.	0.9	11
104	Is goal-directed attentional guidance just intertrial priming? A review. <i>Journal of Vision</i> , 2013, 13, 14-14.	0.3	91
105	Dynamic coding of temporal luminance variation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012, 29, 1180.	1.5	0
106	P300 in neglect. <i>Clinical Neurophysiology</i> , 2012, 123, 496-506.	1.5	19
107	Saccade performance in the nasal and temporal hemifields. <i>Experimental Brain Research</i> , 2012, 219, 107-120.	1.5	21
108	Designing Rehabilitation Programs for Neglect: Could 2 Be More Than 1+1?. <i>Applied Neuropsychology</i> , 2011, 18, 95-106.	1.5	49

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109	Neural Correlates of Inter-Trial Priming and Role-Reversal in Visual Search. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 151.	2.0	18
110	Priming of pop-out on multiple time scales during visual search. <i>Vision Research</i> , 2011, 51, 1972-1978.	1.4	57
111	Episodic retrieval and feature facilitation in intertrial priming of visual search. <i>Attention, Perception, and Psychophysics</i> , 2011, 73, 1350-1360.	1.3	46
112	Deciding where to attend: Priming of pop-out drives target selection.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011, 37, 1700-1707.	0.9	54
113	The intriguing interactive relationship between visual attention and saccadic eye movements. , 2011, , .		15
114	Priming in visual search: A spanner in the works for Theeuwes's bottom-up attention sweeps?. <i>Acta Psychologica</i> , 2010, 135, 114-116.	1.5	8
115	Disruption of spatial memory in visual search in the left visual field in patients with hemispatial neglect. <i>Vision Research</i> , 2010, 50, 1426-1435.	1.4	18
116	Temporal Consistency Is Currency in Shifts of Transient Visual Attention. <i>PLoS ONE</i> , 2010, 5, e13660.	2.5	10
117	Strength in numbers: Combining neck vibration and prism adaptation produces additive therapeutic effects in unilateral neglect. <i>Neuropsychological Rehabilitation</i> , 2010, 20, 704-724.	1.6	44
118	Learning in shifts of transient attention improves recognition of parts of ambiguous figure-ground displays. <i>Journal of Vision</i> , 2009, 9, 21-21.	0.3	12
119	Prism adaptation improves visual search in hemispatial neglect. <i>Neuropsychologia</i> , 2009, 47, 717-725.	1.6	53
120	Independent and additive repetition priming of motion direction and color in visual search. <i>Psychological Research</i> , 2009, 73, 158-166.	1.7	18
121	Object- and feature-based priming in visual search. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 378-384.	2.8	39
122	Priming in visual search: Separating the effects of target repetition, distractor repetition and role-reversal. <i>Vision Research</i> , 2008, 48, 1217-1232.	1.4	149
123	Repetition of distractor sets improves visual search performance in hemispatial neglect. <i>Neuropsychologia</i> , 2008, 46, 1161-1169.	1.6	44
124	Repetition streaks increase perceptual sensitivity in visual search of brief displays. <i>Visual Cognition</i> , 2008, 16, 643-658.	1.6	63
125	On the Benefits of Transient Attention across the Visual Field. <i>Perception</i> , 2008, 37, 747-764.	1.2	26
126	"I know what you did on the last trial" - a selective review of research on priming in visual search. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 1171.	3.0	40

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127	Neural Basis for Priming of Pop-Out during Visual Search Revealed with fMRI. <i>Cerebral Cortex</i> , 2007, 17, 1612-1624.	2.9	123
128	The influence of object-relative visuomotor set on express saccades. <i>Journal of Vision</i> , 2007, 7, 12.	0.3	26
129	Saccade landing point selection and the competition account of pro- and antisaccade generation: The involvement of visual attention ? A review. <i>Scandinavian Journal of Psychology</i> , 2007, 48, 97-113.	1.5	56
130	On-Line Attentional Selection From Competing Stimuli in Opposite Visual Fields: Effects on Human Visual Cortex and Control Processes. <i>Journal of Neurophysiology</i> , 2006, 96, 2601-2612.	1.8	67
131	Surface Assignment Modulates Object Formation for Visual Short-Term Memory. <i>Perception</i> , 2006, 35, 865-881.	1.2	15
132	Simultaneous priming along multiple feature dimensions in a visual search task. <i>Vision Research</i> , 2006, 46, 2554-2570.	1.4	86
133	Rapid learning in attention shifts: A review. <i>Visual Cognition</i> , 2006, 13, 324-362.	1.6	88
134	Efficient visual search without top-down or bottom-up guidance. <i>Perception & Psychophysics</i> , 2005, 67, 239-253.	2.3	128
135	Priming of Color and Position during Visual Search in Unilateral Spatial Neglect. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 859-873.	2.3	85
136	When pros become cons for anti- versus prosaccades: factors with opposite or common effects on different saccade types. <i>Experimental Brain Research</i> , 2004, 155, 231-244.	1.5	54
137	A primitive memory system for the deployment of transient attention. <i>Perception & Psychophysics</i> , 2003, 65, 711-724.	2.3	67
138	The attentional blink in space and time. <i>Vision Research</i> , 2002, 42, 2039-2050.	1.4	79
139	The role of priming in conjunctive visual search. <i>Cognition</i> , 2002, 85, 37-52.	2.2	167
140	Increased sensitivity to speed changes during adaptation to first-order, but not to second-order motion. <i>Vision Research</i> , 2001, 41, 1825-1832.	1.4	19
141	Rapid, Object-Based Learning in the Deployment of Transient Attention. <i>Perception</i> , 2001, 30, 1375-1387.	1.2	67
142	Curvature discontinuities are cues for rapid shape analysis. <i>Perception & Psychophysics</i> , 2001, 63, 390-403.	2.3	35
143	Less attention is more in the preparation of antisaccades, but not prosaccades. <i>Nature Neuroscience</i> , 2001, 4, 1037-1042.	14.8	66
144	Musical expertise, musical style, and visual attention. <i>Psychology of Music</i> , 0, , 030573562098888.	1.6	0

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145	The moment-by-moment attentional temperature: How do history effects influence attentional capture?. Visual Cognition, 0, , 1-4.	1.6	1