Arni Kristjansson

List of Publications by Year
in descending order

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145	4,002	94269	155451
papers	citations	37 h-index	55 g-index

171	171	171	2111
all docs	docs citations	times ranked	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.	0.6	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.	0.6	7
3	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
4	Dynamics of attentional and oculomotor orienting in visual foraging tasks. Quarterly Journal of Experimental Psychology, 2022, 75, 260-276.	0.6	12
5	The selection balance: Contrasting value, proximity and priming in a multitarget foraging task. Cognition, 2022, 218, 104935.	1.1	3
6	Temporal integration of feature probability distributions. Psychological Research, 2022, 86, 2030-2044.	1.0	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.	0.2	2
8	Vibrotactile Threshold Measurements at the Wrist Using Parallel Vibration Actuators. ACM Transactions on Applied Perception, 2022, 19, 1-11.	1.2	5
9	Optimizing perception: Attended and ignored stimuli create opposing perceptual biases. Attention, Perception, and Psychophysics, 2021, 83, 1230-1239.	0.7	22
10	Eating disorder symptoms and foraging for food related items. Journal of Eating Disorders, 2021, 9, 18.	1.3	2
11	Dissociating implicit and explicit ensemble representations reveals the limits of visual perception and the richness of behavior. Scientific Reports, 2021, 11, 3899.	1.6	21
12	Keeping it real: Looking beyond capacity limits in visual cognition. Attention, Perception, and Psychophysics, 2021, 83, 1375-1390.	0.7	21
13	The Predation Game: Does dividing attention affect patterns of human foraging?. Cognitive Research: Principles and Implications, 2021, 6, 35.	1.1	2
14	The development of foraging organization. Attention, Perception, and Psychophysics, 2021, 83, 2891-2904.	0.7	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.	0.1	1
16	Feature distribution learning by passive exposure. Journal of Vision, 2021, 21, 2559.	0.1	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.	0.1	0
18	Serial dependence from distractor stimuli at irrelevant locations. Journal of Vision, 2021, 21, 2591.	0.1	0

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19	You see what you look for: Targets and distractors in visual search can cause opposing serial dependencies. Journal of Vision, 2021, 21, 3.	0.1	17
20	The role of attention and feature-space proximity in perceptual biases from serial dependence. Journal of Vision, 2021, 21, 2543.	0.1	1
21	Temporal integration of feature probability distributions in visual working memory. Journal of Vision, 2021, 21, 1969.	0.1	2
22	Testing temporal integration of feature probability distributions using role-reversal effects in visual search. Vision Research, 2021, 188, 211-226.	0.7	8
23	What kind of empirical evidence is needed for probabilistic mental representations? An example from visual perception. Cognition, 2021, 217, 104903.	1.1	8
24	Contrasting attentional biases in a saccadic choice task. Experimental Brain Research, 2021, , 1.	0.7	0
25	Featural and configural processing of faces and houses in matched dyslexic and typical readers. Neuropsychologia, 2021, 162, 108059.	0.7	8
26	Dynamics of visual attention revealed in foraging tasks. Cognition, 2020, 194, 104032.	1.1	24
27	How feature integration theory integrated cognitive psychology, neurophysiology, and psychophysics. Attention, Perception, and Psychophysics, 2020, 82, 7-23.	0.7	36
28	Temporal Characteristics of Priming of Attention Shifts Are Mirrored by BOLD Response Patterns in the Frontoparietal Attention Network. Cerebral Cortex, 2020, 30, 2267-2280.	1.6	11
29	Foraging with Anne Treisman: Features versus conjunctions, patch leaving and memory for foraged locations. Attention, Perception, and Psychophysics, 2020, 82, 818-831.	0.7	11
30	Probabilistic rejection templates in visual working memory. Cognition, 2020, 196, 104075.	1.1	17
31	Encoding perceptual ensembles during visual search in peripheral vision. Journal of Vision, 2020, 20, 20.	0.1	13
32	Disgust and Contamination Concerns: the Mediating Role of Harm Avoidance and Incompleteness. International Journal of Cognitive Therapy, 2020, 13, 251-270.	1.3	3
33	Age differences in foraging and executive functions: A cross-sectional study. Journal of Experimental Child Psychology, 2020, 198, 104910.	0.7	10
34	Measuring Biases of Visual Attention: A Comparison of Four Tasks. Behavioral Sciences (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.0	1
35	No Advantage for Separating Overt and Covert Attention in Visual Search. Vision (Switzerland), 2020, 4, 28.	0.5	0
36	The influence of stimulus uncertainty on attractive and repulsive perceptual biases. Journal of Vision, 2020, 20, 142.	0.1	1

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37	Representing color and orientation ensembles: Can observers learn multiple feature distributions?. Journal of Vision, 2019, 19, 2.	0.1	18
38	A serious game to explore human foraging in a 3D environment. PLoS ONE, 2019, 14, e0219827.	1.1	14
39	The intensity order illusion: temporal order of different vibrotactile intensity causes systematic localization errors. Journal of Neurophysiology, 2019, 122, 1810-1820.	0.9	10
40	Attentional priming does not enable observers to ignore salient distractors. Visual Cognition, 2019, 27, 595-608.	0.9	6
41	The influence of selection modality, display dynamics and error feedback on patterns of human foraging. Visual Cognition, 2019, 27, 626-648.	0.9	13
42	Visual foraging and executive functions: A developmental perspective. Acta Psychologica, 2019, 193, 203-213.	0.7	19
43	Visual Foraging Tasks Provide New Insights intoÂtheÂOrienting of Visual Attention: Methodological Considerations. Neuromethods, 2019, , 3-21.	0.2	11
44	Feature Distribution Learning (FDL): A New Method for Studying Visual Ensembles Perception with Priming of Attention Shifts. Neuromethods, 2019, , 37-57.	0.2	14
45	Own-race and other-race face recognition problems without visual expertise problems in dyslexic readers. Vision Research, 2019, 158, 146-156.	0.7	16
46	Serial dependence in a simulated clinical visual search task. Scientific Reports, 2019, 9, 19937.	1.6	29
47	Attentional priming: recent insights and current controversies. Current Opinion in Psychology, 2019, 29, 71-75.	2.5	58
48	Expectations and perceptual priming in a visual search task: Evidence from eye movements and behavior.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 489-499.	0.7	18
49	The role of executive functions in foraging throughout development. Journal of Vision, 2019, 19, 234b.	0.1	2
50	Variance modulates temporal weighting during integration of sequentially presented visual ensembles. Journal of Vision, 2019, 19, 193.	0.1	0
51	Effects of saccade training on express saccade proportions, saccade latencies, and peak velocities: an investigation of nasal/temporal differences. Experimental Brain Research, 2018, 236, 1251-1262.	0.7	8
52	Implicit processing during change blindness revealed with mouse-contingent and gaze-contingent displays. Attention, Perception, and Psychophysics, 2018, 80, 844-859.	0.7	9
53	Foraging through multiple target categories reveals the flexibility of visual working memory. Acta Psychologica, 2018, 183, 108-115.	0.7	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. Cognition, 2018, 175, 157-168.	1.1	29

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55	How visual working memory contents influence priming of visual attention. Psychological Research, 2018, 82, 833-839.	1.0	14
56	Evaluation of an Audio-haptic Sensory Substitution Device for Enhancing Spatial Awareness for the Visually Impaired. Optometry and Vision Science, 2018, 95, 757-765.	0.6	27
57	Asymmetries of the visual system and their influence on visual performance and oculomotor dynamics. European Journal of Neuroscience, 2018, 48, 3426-3445.	1.2	19
58	Measuring relative vibrotactile spatial acuity: effects of tactor type, anchor points and tactile anisotropy. Experimental Brain Research, 2018, 236, 3405-3416.	0.7	29
59	Time limits during visual foraging reveal flexible working memory templates.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 827-835.	0.7	28
60	Probabilistic perceptual landscapes. Journal of Vision, 2018, 18, 529.	0.1	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. Journal of Vision, 2018, 18, 638.	0.1	0
63	Representing color and orientation ensembles: Perceptual learning of multiple feature distributions. Journal of Vision, 2018, 18, 263.	0.1	0
64	Are Foraging Patterns in Humans Related to Working Memory and Inhibitory Control?. Japanese Psychological Research, 2017, 59, 152-166.	0.4	26
65	Problems with visual statistical learning in developmental dyslexia. Scientific Reports, 2017, 7, 606.	1.6	50
66	Set size manipulations reveal the boundary conditions of perceptual ensemble learning. Vision Research, 2017, 140, 144-156.	0.7	19
67	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
68	Effects of stimulus order on auditory distance discrimination of virtual nearby sound sources. Journal of the Acoustical Society of America, 2017, 141, EL375-EL380.	0.5	3
69	Representing Color Ensembles. Psychological Science, 2017, 28, 1510-1517.	1.8	55
70	Relative vibrotactile spatial acuity of the torso. Experimental Brain Research, 2017, 235, 3505-3515.	0.7	29
71	Rapid learning of visual ensembles. Journal of Vision, 2017, 17, 21.	0.1	30
72	Developmental dyslexia and potential deficits of experience-driven visual processing. Journal of Vision, 2017, 17, 627.	0.1	0

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73	Visual foraging with two simultaneous visual working memory templates. Journal of Vision, 2017, 17, 1126.	0.1	0
74	Serial dependence determines object classification in visual search. Journal of Vision, 2017, 17, 221.	0.1	1
75	Binding feature distributions to locations and to other features. Journal of Vision, 2017, 17, 78.	0.1	0
76	The Slopes Remain the Same: Reply to Wolfe (2016). I-Perception, 2016, 7, 204166951667338.	0.8	6
77	Designing sensory-substitution devices: Principles, pitfalls and potential1. Restorative Neurology and Neuroscience, 2016, 34, 769-787.	0.4	69
78	The Sound of Vision Project: On the Feasibility of an Audio-Haptic Representation of the Environment, for the Visually Impaired. Brain Sciences, 2016, 6, 20.	1.1	23
79	Building ensemble representations: How the shape of preceding distractor distributions affects visual search. Cognition, 2016, 153, 196-210.	1.1	64
80	On the joys of perceiving: Affect as feedback for perceptual predictions. Acta Psychologica, 2016, 169, 1-10.	0.7	44
81	Understanding visual attention in childhood: Insights from a new visual foraging task. Cognitive Research: Principles and Implications, 2016, 1, 18.	1.1	15
82	Visual Foraging With Fingers and Eye Gaze. I-Perception, 2016, 7, 204166951663727.	0.8	38
83	Priming of Visual Search Facilitates Attention Shifts: Evidence From Object-Substitution Masking. Perception, 2016, 45, 255-264.	0.5	5
84	Reconsidering Visual Search. I-Perception, 2015, 6, 204166951561467.	0.8	41
85	Impaired recognition of faces and objects in dyslexia: Evidence for ventral stream dysfunction?. Neuropsychology, 2015, 29, 739-750.	1.0	57
86	Barking up the wrong tree in attentional bias modification? Comparing the sensitivity of four tasks to attentional biases. Journal of Behavior Therapy and Experimental Psychiatry, 2015, 48, 9-16.	0.6	21
87	Money talks in attention bias modification: Reward in a dot-probe task affects attentional biases. Visual Cognition, 2015, 23, 118-132.	0.9	17
88	Can a single short-term mechanism account for priming of pop-out?. Vision Research, 2015, 115, 17-22.	0.7	43
89	History effects in visual search for monsters: Search times, choice biases, and liking. Attention, Perception, and Psychophysics, 2015, 77, 402-412.	0.7	16
90	Repetition priming in selective attention: A TVA analysis. Acta Psychologica, 2015, 160, 35-42.	0.7	25

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91	Blaming the victims of your own mistakes: How visual search accuracy influences evaluation of stimuli. Cognition and Emotion, 2015, 29, 1091-1106.	1.2	14
92	Common Attentional Constraints in Visual Foraging. PLoS ONE, 2014, 9, e100752.	1.1	73
93	Random reward priming is task-contingent: the robustness of the 1-trial reward priming effect. Frontiers in Psychology, 2014, 5, 309.	1.1	9
94	How priming in visual search affects response time distributions: Analyses with ex-Gaussian fits. Attention, Perception, and Psychophysics, 2014, 76, 2199-2211.	0.7	17
95	Replacing intrusive thoughts: Investigating thought control in relation to OCD symptoms. Journal of Behavior Therapy and Experimental Psychiatry, 2014, 45, 506-515.	0.6	9
96	Independent priming of location and color in identification of briefly presented letters. Attention, Perception, and Psychophysics, 2014, 76, 40-48.	0.7	33
97	Violating the main sequence: asymmetries in saccadic peak velocities for saccades into the temporal versus nasal hemifields. Experimental Brain Research, 2013, 227, 101-110.	0.7	13
98	Attentional priming releases crowding. Attention, Perception, and Psychophysics, 2013, 75, 1323-1329.	0.7	10
99	The case for causal influences of action videogame play upon vision and attention. Attention, Perception, and Psychophysics, 2013, 75, 667-672.	0.7	55
100	The Icelandic version of the dimensional obsessive compulsive scale (DOCS) and its relationship with obsessive beliefs. Journal of Obsessive-Compulsive and Related Disorders, 2013, 2, 149-156.	0.7	16
101	The boundary conditions of priming of visual search: From passive viewing through task-relevant working memory load. Psychonomic Bulletin and Review, 2013, 20, 514-521.	1.4	38
102	An internationally standardised antisaccade protocol. Vision Research, 2013, 84, 1-5.	0.7	138
103	â€œHotâ€•facilitation of â€œcoolâ€•processing: Emotional distraction can enhance priming of visual search.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 298-306.	0.7	11
104	Is goal-directed attentional guidance just intertrial priming? A review. Journal of Vision, 2013, 13, 14-14.	0.1	91
105	Dynamic coding of temporal luminance variation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 1180.	0.8	0
106	P300 in neglect. Clinical Neurophysiology, 2012, 123, 496-506.	0.7	19
107	Saccade performance in the nasal and temporal hemifields. Experimental Brain Research, 2012, 219, 107-120.	0.7	21
108	Designing Rehabilitation Programs for Neglect: Could 2 Be More Than 1+1?. Applied Neuropsychology, 2011, 18, 95-106.	1.5	49

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109	Neural Correlates of Inter-Trial Priming and Role-Reversal in Visual Search. Frontiers in Human Neuroscience, 2011, 5, 151.	1.0	18
110	Priming of pop-out on multiple time scales during visual search. Vision Research, 2011, 51, 1972-1978.	0.7	57
111	Episodic retrieval and feature facilitation in intertrial priming of visual search. Attention, Perception, and Psychophysics, 2011, 73, 1350-1360.	0.7	46
112	Deciding where to attend: Priming of pop-out drives target selection.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1700-1707.	0.7	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?. Acta Psychologica, 2010, 135, 114-116.	0.7	8
115	Disruption of spatial memory in visual search in the left visual field in patients with hemispatial neglect. Vision Research, 2010, 50, 1426-1435.	0.7	18
116	Temporal Consistency Is Currency in Shifts of Transient Visual Attention. PLoS ONE, 2010, 5, e13660.	1.1	10
117	Strength in numbers: Combining neck vibration and prism adaptation produces additive therapeutic effects in unilateral neglect. Neuropsychological Rehabilitation, 2010, 20, 704-724.	1.0	44
118	Learning in shifts of transient attention improves recognition of parts of ambiguous figure-ground displays. Journal of Vision, 2009, 9, 21-21.	0.1	12
119	Prism adaptation improves visual search in hemispatial neglect. Neuropsychologia, 2009, 47, 717-725.	0.7	53
120	Independent and additive repetition priming of motion direction and color in visual search. Psychological Research, 2009, 73, 158-166.	1.0	18
121	Object- and feature-based priming in visual search. Psychonomic Bulletin and Review, 2008, 15, 378-384.	1.4	39
122	Priming in visual search: Separating the effects of target repetition, distractor repetition and role-reversal. Vision Research, 2008, 48, 1217-1232.	0.7	149
123	Repetition of distractor sets improves visual search performance in hemispatial neglect. Neuropsychologia, 2008, 46, 1161-1169.	0.7	44
124	Repetition streaks increase perceptual sensitivity in visual search of brief displays. Visual Cognition, 2008, 16, 643-658.	0.9	63
125	On the Benefits of Transient Attention across the Visual Field. Perception, 2008, 37, 747-764.	0.5	26
126	"I know what you did on the last trial" - a selective review of research on priming in visual search. Frontiers in Bioscience - Landmark, 2008, 13, 1171.	3.0	40

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127	Neural Basis for Priming of Pop-Out during Visual Search Revealed with fMRI. Cerebral Cortex, 2007, 17, 1612-1624.	1.6	123
128	The influence of object-relative visuomotor set on express saccades. Journal of Vision, 2007, 7, 12.	0.1	26
129	Saccade landing point selection and the competition account of pro- and antisaccade generation: The involvement of visual attention ? A review. Scandinavian Journal of Psychology, 2007, 48, 97-113.	0.8	56
130	On-Line Attentional Selection From Competing Stimuli in Opposite Visual Fields: Effects on Human Visual Cortex and Control Processes. Journal of Neurophysiology, 2006, 96, 2601-2612.	0.9	67
131	Surface Assignment Modulates Object Formation for Visual Short-Term Memory. Perception, 2006, 35, 865-881.	0.5	15
132	Simultaneous priming along multiple feature dimensions in a visual search task. Vision Research, 2006, 46, 2554-2570.	0.7	86
133	Rapid learning in attention shifts: A review. Visual Cognition, 2006, 13, 324-362.	0.9	88
134	Efficient visual search without top-down or bottom-up guidance. Perception & Psychophysics, 2005, 67, 239-253.	2.3	128
135	Priming of Color and Position during Visual Search in Unilateral Spatial Neglect. Journal of Cognitive Neuroscience, 2005, 17, 859-873.	1.1	85
136	When pros become cons for anti- versus prosaccades: factors with opposite or common effects on different saccade types. Experimental Brain Research, 2004, 155, 231-244.	0.7	54
137	A primitive memory system for the deployment of transient attention. Perception & Psychophysics, 2003, 65, 711-724.	2.3	67
138	The attentional blink in space and time. Vision Research, 2002, 42, 2039-2050.	0.7	79
139	The role of priming in conjunctive visual search. Cognition, 2002, 85, 37-52.	1.1	167
140	Increased sensitivity to speed changes during adaptation to first-order, but not to second-order motion. Vision Research, 2001, 41, 1825-1832.	0.7	19
141	Rapid, Object-Based Learning in the Deployment of Transient Attention. Perception, 2001, 30, 1375-1387.	0.5	67
142	Curvature discontinuities are cues for rapid shape analysis. Perception & Psychophysics, 2001, 63, 390-403.	2.3	35
143	Less attention is more in the preparation of antisaccades, but not prosaccades. Nature Neuroscience, 2001, 4, 1037-1042.	7.1	66
144	Musical expertise, musical style, and visual attention. Psychology of Music, 0, , 030573562098888.	0.9	0

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145	The moment-by-moment attentional temperature: How do history effects influence attentional capture?. Visual Cognition, 0, , 1-4.	0.9	1