Derek H Arnold

List of Publications by Year
in descending order

94	2,003	304743	289244
papers	citations	22 h-index	40 g-index

102	102	102	1442
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neural-latency noise places limits on human sensitivity to the timing of events. Cognition, 2022, 222, 105012.	2.2	3
2	Occipital alpha-band brain waves when the eyes are closed are shaped by ongoing visual processes. Scientific Reports, 2022, 12, 1194.	3.3	14
3	Neural prediction errors depend on how an expectation was formed. Cortex, 2022, 147, 102-111.	2.4	3
4	The perceived duration of expected events depends on how the expectation is formed. Attention, Perception, and Psychophysics, 2022, 84, 1718-1725.	1.3	2
5	Highly accurate retinotopic maps of the physiological blind spot in human visual cortex. Human Brain Mapping, 2022, 43, 5111-5125.	3.6	6
6	Cricketers are not tickled pink by the new coloured ball. Journal of Science and Medicine in Sport, 2021, 24, 183-188.	1.3	2
7	Is the pink ball still under review? Cricket umpiresâ€™ perceptions of the pink ball for day/night matches. Journal of Science and Medicine in Sport, 2021, 24, 1166-1172.	1.3	1
8	The implied motion aftereffect changes decisions, but not confidence. Attention, Perception, and Psychophysics, 2021, 83, 3047-3055.	1.3	5
9	An observer model of tilt perception, sensitivity and confidence. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211276.	2.6	4
10	Visual predictions, neural oscillations and naÃ¯ve physics. Scientific Reports, 2021, 11, 16127.	3.3	1
11	Predictable events elicit less visual and temporal information uptake in an oddball paradigm. Attention, Perception, and Psychophysics, 2020, 82, 1074-1087.	1.3	6
12	Auditory and Visual Durations Load a Unitary Working-Memory Resource. Timing and Time Perception, 2020, 9, 1-38.	0.6	1
13	Neural correlates of subjective timing precision and confidence. Scientific Reports, 2020, 10, 3098.	3.3	6
14	Confidence as a diagnostic tool for perceptual aftereffects. Scientific Reports, 2019, 9, 7124.	3.3	15
15	Suboptimal human multisensory cue combination. Scientific Reports, 2019, 9, 5155.	3.3	18
16	Adaptation-induced changes to the â€¯intrinsicâ€™ occipital alpha rhythm. Journal of Vision, 2019, 19, 165.	0.3	0
17	Sharpening Vision by Adapting to flicker. Journal of Vision, 2019, 19, 45.	0.3	0
18	Synchronous and asynchronous perceptual bindings of colour and motion following identical stimulations. Vision Research, 2018, 146-147, 41-47.	1.4	2

#	Article	IF	Citations
19	Pink Cricket Balls May Be Visually Challenging at Sunset. I-Perception, 2017, 8, 204166951668704.	1.4	2
20	Shape adaptation exaggerates shape differences.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 181-191.	0.9	10
21	Foveal motion standstill. Vision Research, 2017, 134, 1-6.	1.4	2
22	Bidirectional Gender Face Aftereffects: Evidence Against Normative Facial Coding. Perception, 2017, 46, 119-138.	1.2	2
23	Pink Cricket Balls Through Rose-Tinted Glasses: Enhancing Interceptive Timing. I-Perception, 2017, 8, 204166951774399.	1.4	2
24	Weighted integration suggests that visual and tactile signals provide independent estimates about duration.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 868-880.	0.9	12
25	Evoked neural response variability predicts poor timing precision. Journal of Vision, 2017, 17, 733.	0.3	0
26	What is learned when learning to point at â€œinvisibleâ€•targets?. Journal of Vision, 2016, 16, 9.	0.3	1
27	A Roving Dual-Presentation Simultaneity-Judgment Task to Estimate the Point of Subjective Simultaneity. Frontiers in Psychology, 2016, 7, 416.	2.1	20
28	Time order reversals and saccades. Vision Research, 2016, 125, 23-29.	1.4	5
29	Sharpening vision by adapting to flicker. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12556-12561.	7.1	10
30	The Timing of Experiences: How Far Can We Get with Simple Brain Time Models?. , 2016, , 187-201.		2
31	Computations underlying confidence in visual perception.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 671-682.	0.9	63
32	Face aftereffects involve local repulsion, not renormalization. Journal of Vision, 2015, 15, 1.	0.3	15
33	Evidence for tilt normalization can be explained by anisotropic orientation sensitivity. Journal of Vision, 2015, 15, 26-26.	0.3	3
34	An object-centered aftereffect of a latent material property: A squishiness visual aftereffect, not causality adaptation. Journal of Vision, 2015, 15, 4.	0.3	14
35	Malleable temporal integration of positional information for moving objects.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 623-630.	0.9	1
36	Reducing the size of the human physiological blind spot through training. Current Biology, 2015, 25, R747-R748.	3.9	7

#	Article	IF	Citations
37	Perceptual confidence demonstrates trial-by-trial insight into the precision of audioâ€“visual timing encoding. Consciousness and Cognition, 2015, 38, 107-117.	1.5	12
38	A model-based comparison of three theories of audiovisual temporal recalibration. Cognitive Psychology, 2015, 83, 54-76.	2.2	14
39	Fear Conditioning to Subliminal Fear Relevant and Non Fear Relevant Stimuli. PLoS ONE, 2014, 9, e99332.	2.5	13
40	Why the long face? The importance of vertical image structure for biological "barcodes" underlying face recognition. Journal of Vision, 2014, 14, 25-25.	0.3	4
41	Illusory motion reversals and feature tracking analyses of movement.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 938-947.	0.9	4
42	Interpreting the Temporal Dynamics of Perceptual Rivalries. Perception, 2014, 43, 1239-1248.	1.2	23
43	Visual motion modulates pattern sensitivity ahead, behind, and beside motion. Vision Research, 2014, 98, 99-106.	1.4	5
44	An illusory distortion of moving form driven by motion deblurring. Vision Research, 2013, 88, 47-54.	1.4	10
45	Synaesthesia and colour constancy. Cortex, 2013, 49, 1082-1088.	2.4	11
46	Shape aftereffects reflect shape constancy operations: Appearance matters.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 616-622.	0.9	6
47	Sensorimotor temporal recalibration within and across limbs.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 1678-1689.	0.9	27
48	Attentional-Tracking Acuity Is Modulated by Illusory Changes in Perceived Speed. Psychological Science, 2013, 24, 174-180.	3.3	2
49	Facial Coding is Disrupted at Equiluminance. Perception, 2013, 42, 835-848.	1.2	3
50	Precision of synesthetic color matching resembles that for recollected colors rather than physical colors.. Journal of Experimental Psychology: Human Perception and Performance, 2012, 38, 1078-1084.	0.9	10
51	Separable temporal metrics for time perception and anticipatory actions. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 854-859.	2.6	13
52	The critical events for motor-sensory temporal recalibration. Frontiers in Human Neuroscience, 2012, 6, 235.	2.0	15
53	The influence of visual motion on interceptive actions and perception. Vision Research, 2012, 60, 73-78.	1.4	6
54	Not all face aftereffects are equal. Vision Research, 2012, 64, 7-16.	1.4	30

#	Article	IF	Citations
55	Shifts of criteria or neural timing? The assumptions underlying timing perception studies. Consciousness and Cognition, 2011, 20, 1518-1531.	1.5	99
56	Why is Binocular Rivalry Uncommon? Discrepant Monocular Images in the Real World. Frontiers in Human Neuroscience, 2011, 5, 116.	2.0	26
57	Discrepant Integration Times for Upright and Inverted Faces. Perception, 2011, 40, 989-999.	1.2	6
58	Learning to reach for â€˜invisibleâ€™ visual input. Current Biology, 2011, 21, R493-R494.	3.9	24
59	Temporal recalibration of vision. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 535-538.	2.6	15
60	Twice Upon a Time. Psychological Science, 2011, 22, 872-877.	3.3	56
61	Spatial grouping resolves ambiguity to drive temporal recalibration.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1657-1661.	0.9	21
62	Audio-Visual Speech Timing Sensitivity Is Enhanced in Cluttered Conditions. PLoS ONE, 2011, 6, e18309.	2.5	21
63	Visual Sensitivity Can Scale with Illusory Size Changes. Current Biology, 2010, 20, 841-844.	3.9	13
64	Binocular rivalry and multi-stable perception: Independence and monocular channels. Journal of Vision, 2010, 10, 8-8.	0.3	8
65	Audio-Visual Speech Cue Combination. PLoS ONE, 2010, 5, e10217.	2.5	16
66	Spatiotemporal Rivalry. Psychological Science, 2010, 21, 692-699.	3.3	7
67	Binocular rivalry: Spreading dominance throughcomplex images. Journal of Vision, 2009, 9, 4-4.	0.3	15
68	Pre-Exposure to Moving Form Enhances Static Form Sensitivity. PLoS ONE, 2009, 4, e8324.	2.5	3
69	Simple differential latencies modulate, but do not cause the flash-lag effect. Journal of Vision, 2009, 9, 4-4.	0.3	23
70	The sliding window of audio-visual simultaneity. Journal of Vision, 2009, 9, 4-4.	0.3	31
71	Motion-Induced Blindness and Motion Streak Suppression. Current Biology, 2009, 19, 325-329.	3.9	42
72	Binocular switch suppression: A new method for persistently rendering the visible â€˜invisibleâ€™. Vision Research, 2008, 48, 994-1001.	1.4	22

#	Article	IF	Citations
73	Perceived Size and Spatial Coding. Journal of Neuroscience, 2008, 28, 5954-5958.	3.6	16
74	Alpha band amplification during illusory jitter perception. Journal of Vision, 2008, 8, 3-3.	0.3	10
75	Motion-induced blindness is not tuned to retinal speed. Journal of Vision, 2008, 8, 11.	0.3	15
76	Cortical processing and perceived timing. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2331-2336.	2.6	16
77	Visually Guided Reaching Depends on Motion Area MT+. Cerebral Cortex, 2007, 17, 2644-2649.	2.9	76
78	Staying focused: A functional account of perceptual suppression during binocular rivalry. Journal of Vision, 2007, 7, 7.	0.3	51
79	Bimodal sensory discrimination is finer than dual single modality discrimination. Journal of Vision, 2007, 7, 14.	0.3	10
80	Motion and position coding. Vision Research, 2007, 47, 2403-2410.	1.4	47
81	Visual search for a target changing in synchrony with an auditory signal. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 865-874.	2.6	73
82	Spatially Localized Distortions of Event Time. Current Biology, 2006, 16, 472-479.	3.9	316
83	Motion induced spatial conflict following binocular integration. Vision Research, 2005, 45, 2934-2942.	1.4	4
84	Perceptual pairing of colour and motion. Vision Research, 2005, 45, 3015-3026.	1.4	46
85	Timing sight and sound. Vision Research, 2005, 45, 1275-1284.	1.4	56
86	Adaptation and Perceptual Binding in Sight and Sound. , 2005, , 339-360.		1
87	Motion-induced spatial conflict. Nature, 2003, 425, 181-184.	27.8	27
88	Opposing views on orthogonal adaptation: a reply to Westheimer and Gee (2002). Vision Research, 2003, 43, 717-719.	1.4	3
89	A paradox of temporal perception revealed by a stimulus oscillating in colour and orientation. Vision Research, 2003, 43, 2245-2253.	1.4	49
90	Latency differences and the flash-lag effect. Vision Research, 2003, 43, 1829-1835.	1.4	23

#	Article	IF	Citations
91	Determinants of asynchronous processing in vision. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 579-583.	2.6	53
92	Orthogonal adaptation improves orientation discrimination. Vision Research, 2001, 41, 151-159.	1.4	92
93	Asynchronous processing in vision. Current Biology, 2001, 11, 596-600.	3.9	92
94	Relative timing and perceptual asynchrony. , 0, , 254-277.		5