# 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 | Spatially Localized Distortions of Event Time. Current Biology, 2006, 16, 472-479. | 3.9 | 316 |
| 2 | Shifts of criteria or neural timing? The assumptions underlying timing perception studies. Consciousness and Cognition, 2011, 20, 1518-1531. | 1.5 | 99 |
| 3 | Orthogonal adaptation improves orientation discrimination. Vision Research, 2001, 41, 151-159. | 1.4 | 92 |
| 4 | Asynchronous processing in vision. Current Biology, 2001, 11, 596-600. | 3.9 | 92 |
| 5 | Visually Guided Reaching Depends on Motion Area MT+. Cerebral Cortex, 2007, 17, 2644-2649. | 2.9 | 76 |
| 6 | 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 |
| 7 | Computations underlying confidence in visual perception.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 671-682. | 0.9 | 63 |
| 8 | Timing sight and sound. Vision Research, 2005, 45, 1275-1284. | 1.4 | 56 |
| 9 | Twice Upon a Time. Psychological Science, 2011, 22, 872-877. | 3.3 | 56 |
| 10 | Determinants of asynchronous processing in vision. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 579-583. | 2.6 | 53 |
| 11 | Staying focused: A functional account of perceptual suppression during binocular rivalry. Journal of Vision, 2007, 7, 7. | 0.3 | 51 |
| 12 | A paradox of temporal perception revealed by a stimulus oscillating in colour and orientation. Vision Research, 2003, 43, 2245-2253. | 1.4 | 49 |
| 13 | Motion and position coding. Vision Research, 2007, 47, 2403-2410. | 1.4 | 47 |
| 14 | Perceptual pairing of colour and motion. Vision Research, 2005, 45, 3015-3026. | 1.4 | 46 |
| 15 | Motion-Induced Blindness and Motion Streak Suppression. Current Biology, 2009, 19, 325-329. | 3.9 | 42 |
| 16 | The sliding window of audio-visual simultaneity. Journal of Vision, 2009, 9, 4-4. | 0.3 | 31 |
| 17 | Not all face aftereffects are equal. Vision Research, 2012, 64, 7-16. | 1.4 | 30 |
| 18 | Motion-induced spatial conflict. Nature, 2003, 425, 181-184. | 27.8 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Sensorimotor temporal recalibration within and across limbs.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 1678-1689. | 0.9 | 27 |
| 20 | Why is Binocular Rivalry Uncommon? Discrepant Monocular Images in the Real World. Frontiers in Human Neuroscience, 2011, 5, 116. | 2.0 | 26 |
| 21 | Learning to reach for â€˜invisibleâ€™ visual input. Current Biology, 2011, 21, R493-R494. | 3.9 | 24 |
| 22 | Latency differences and the flash-lag effect. Vision Research, 2003, 43, 1829-1835. | 1.4 | 23 |
| 23 | Simple differential latencies modulate, but do not cause the flash-lag effect. Journal of Vision, 2009, 9, 4-4. | 0.3 | 23 |
| 24 | Interpreting the Temporal Dynamics of Perceptual Rivalries. Perception, 2014, 43, 1239-1248. | 1.2 | 23 |
| 25 | Binocular switch suppression: A new method for persistently rendering the visible â€˜invisibleâ€™. Vision Research, 2008, 48, 994-1001. | 1.4 | 22 |
| 26 | Spatial grouping resolves ambiguity to drive temporal recalibration.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1657-1661. | 0.9 | 21 |
| 27 | Audio-Visual Speech Timing Sensitivity Is Enhanced in Cluttered Conditions. PLoS ONE, 2011, 6, e18309. | 2.5 | 21 |
| 28 | A Roving Dual-Presentation Simultaneity-Judgment Task to Estimate the Point of Subjective Simultaneity. Frontiers in Psychology, 2016, 7, 416. | 2.1 | 20 |
| 29 | Suboptimal human multisensory cue combination. Scientific Reports, 2019, 9, 5155. | 3.3 | 18 |
| 30 | Cortical processing and perceived timing. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2331-2336. | 2.6 | 16 |
| 31 | Perceived Size and Spatial Coding. Journal of Neuroscience, 2008, 28, 5954-5958. | 3.6 | 16 |
| 32 | Audio-Visual Speech Cue Combination. PLoS ONE, 2010, 5, e10217. | 2.5 | 16 |
| 33 | Motion-induced blindness is not tuned to retinal speed. Journal of Vision, 2008, 8, 11. | 0.3 | 15 |
| 34 | Binocular rivalry: Spreading dominance throughcomplex images. Journal of Vision, 2009, 9, 4-4. | 0.3 | 15 |
| 35 | Temporal recalibration of vision. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 535-538. | 2.6 | 15 |
| 36 | The critical events for motor-sensory temporal recalibration. Frontiers in Human Neuroscience, 2012, 6, 235. | 2.0 | 15 |

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|---|---|---|---|
| 37 | Face aftereffects involve local repulsion, not renormalization. Journal of Vision, 2015, 15, 1. | 0.3 | 15 |
| 38 | Confidence as a diagnostic tool for perceptual aftereffects. Scientific Reports, 2019, 9, 7124. | 3.3 | 15 |
| 39 | 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 |
| 40 | A model-based comparison of three theories of audiovisual temporal recalibration. Cognitive Psychology, 2015, 83, 54-76. | 2.2 | 14 |
| 41 | Occipital alpha-band brain waves when the eyes are closed are shaped by ongoing visual processes. Scientific Reports, 2022, 12, 1194. | 3.3 | 14 |
| 42 | Visual Sensitivity Can Scale with Illusory Size Changes. Current Biology, 2010, 20, 841-844. | 3.9 | 13 |
| 43 | Separable temporal metrics for time perception and anticipatory actions. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 854-859. | 2.6 | 13 |
| 44 | Fear Conditioning to Subliminal Fear Relevant and Non Fear Relevant Stimuli. PLoS ONE, 2014, 9, e99332. | 2.5 | 13 |
| 45 | 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 |
| 46 | 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 |
| 47 | Synaesthesia and colour constancy. Cortex, 2013, 49, 1082-1088. | 2.4 | 11 |
| 48 | Bimodal sensory discrimination is finer than dual single modality discrimination. Journal of Vision, 2007, 7, 14. | 0.3 | 10 |
| 49 | Alpha band amplification during illusory jitter perception. Journal of Vision, 2008, 8, 3-3. | 0.3 | 10 |
| 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 | An illusory distortion of moving form driven by motion deblurring. Vision Research, 2013, 88, 47-54. | 1.4 | 10 |
| 52 | 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 |
| 53 | Shape adaptation exaggerates shape differences.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 181-191. | 0.9 | 10 |
| 54 | Binocular rivalry and multi-stable perception: Independence and monocular channels. Journal of Vision, 2010, 10, 8-8. | 0.3 | 8 |

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|---|---|---|---|
| 55 | Spatiotemporal Rivalry. Psychological Science, 2010, 21, 692-699. | 3.3 | 7 |
| 56 | Reducing the size of the human physiological blind spot through training. Current Biology, 2015, 25, R747-R748. | 3.9 | 7 |
| 57 | Discrepant Integration Times for Upright and Inverted Faces. Perception, 2011, 40, 989-999. | 1.2 | 6 |
| 58 | The influence of visual motion on interceptive actions and perception. Vision Research, 2012, 60, 73-78. | 1.4 | 6 |
| 59 | Shape aftereffects reflect shape constancy operations: Appearance matters.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 616-622. | 0.9 | 6 |
| 60 | Predictable events elicit less visual and temporal information uptake in an oddball paradigm. Attention, Perception, and Psychophysics, 2020, 82, 1074-1087. | 1.3 | 6 |
| 61 | Neural correlates of subjective timing precision and confidence. Scientific Reports, 2020, 10, 3098. | 3.3 | 6 |
| 62 | Highly accurate retinotopic maps of the physiological blind spot in human visual cortex. Human Brain Mapping, 2022, 43, 5111-5125. | 3.6 | 6 |
| 63 | Visual motion modulates pattern sensitivity ahead, behind, and beside motion. Vision Research, 2014, 98, 99-106. | 1.4 | 5 |
| 64 | Time order reversals and saccades. Vision Research, 2016, 125, 23-29. | 1.4 | 5 |
| 65 | The implied motion aftereffect changes decisions, but not confidence. Attention, Perception, and Psychophysics, 2021, 83, 3047-3055. | 1.3 | 5 |
| 66 | Relative timing and perceptual asynchrony. , 0, , 254-277. | | 5 |
| 67 | Motion induced spatial conflict following binocular integration. Vision Research, 2005, 45, 2934-2942. | 1.4 | 4 |
| 68 | 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 |
| 69 | Illusory motion reversals and feature tracking analyses of movement.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 938-947. | 0.9 | 4 |
| 70 | An observer model of tilt perception, sensitivity and confidence. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211276. | 2.6 | 4 |
| 71 | Opposing views on orthogonal adaptation: a reply to Westheimer and Gee (2002). Vision Research, 2003, 43, 717-719. | 1.4 | 3 |
| 72 | Pre-Exposure to Moving Form Enhances Static Form Sensitivity. PLoS ONE, 2009, 4, e8324. | 2.5 | 3 |

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|---|---|---|---|
| 73 | Facial Coding is Disrupted at Equiluminance. Perception, 2013, 42, 835-848. | 1.2 | 3 |
| 74 | Evidence for tilt normalization can be explained by anisotropic orientation sensitivity. Journal of Vision, 2015, 15, 26-26. | 0.3 | 3 |
| 75 | Neural-latency noise places limits on human sensitivity to the timing of events. Cognition, 2022, 222, 105012. | 2.2 | 3 |
| 76 | Neural prediction errors depend on how an expectation was formed. Cortex, 2022, 147, 102-111. | 2.4 | 3 |
| 77 | Attentional-Tracking Acuity Is Modulated by Illusory Changes in Perceived Speed. Psychological Science, 2013, 24, 174-180. | 3.3 | 2 |
| 78 | Pink Cricket Balls May Be Visually Challenging at Sunset. I-Perception, 2017, 8, 204166951668704. | 1.4 | 2 |
| 79 | Foveal motion standstill. Vision Research, 2017, 134, 1-6. | 1.4 | 2 |
| 80 | Bidirectional Gender Face Aftereffects: Evidence Against Normative Facial Coding. Perception, 2017, 46, 119-138. | 1.2 | 2 |
| 81 | Pink Cricket Balls Through Rose-Tinted Glasses: Enhancing Interceptive Timing. I-Perception, 2017, 8, 204166951774399. | 1.4 | 2 |
| 82 | Synchronous and asynchronous perceptual bindings of colour and motion following identical stimulations. Vision Research, 2018, 146-147, 41-47. | 1.4 | 2 |
| 83 | Cricketers are not tickled pink by the new coloured ball. Journal of Science and Medicine in Sport, 2021, 24, 183-188. | 1.3 | 2 |
| 84 | The Timing of Experiences: How Far Can We Get with Simple Brain Time Models?. , 2016, , 187-201. | | 2 |
| 85 | The perceived duration of expected events depends on how the expectation is formed. Attention, Perception, and Psychophysics, 2022, 84, 1718-1725. | 1.3 | 2 |
| 86 | Malleable temporal integration of positional information for moving objects.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 623-630. | 0.9 | 1 |
| 87 | What is learned when learning to point at â€œinvisibleâ€•targets?. Journal of Vision, 2016, 16, 9. | 0.3 | 1 |
| 88 | Auditory and Visual Durations Load a Unitary Working-Memory Resource. Timing and Time Perception, 2020, 9, 1-38. | 0.6 | 1 |
| 89 | 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 |
| 90 | Visual predictions, neural oscillations and naÃ¯ve physics. Scientific Reports, 2021, 11, 16127. | 3.3 | 1 |

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|---|---|---|---|
| 91 | Adaptation and Perceptual Binding in Sight and Sound. , 2005, , 339-360. | | 1 |
| 92 | Evoked neural response variability predicts poor timing precision. Journal of Vision, 2017, 17, 733. | 0.3 | 0 |
| 93 | Adaptation-induced changes to the â€˜intrinsicâ€™ occipital alpha rhythm. Journal of Vision, 2019, 19, 165. | 0.3 | 0 |
| 94 | Sharpening Vision by Adapting to flicker. Journal of Vision, 2019, 19, 45. | 0.3 | 0 |