

Alan Johnston

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

3,526
citations

185998

28
h-index

155451

55
g-index

134
all docs

134
docs citations

134
times ranked

2096
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Occipital alpha-band brain waves when the eyes are closed are shaped by ongoing visual processes. Scientific Reports, 2022, 12, 1194. | 1.6 | 14 |
| 2 | Exploring the Common Mechanisms of Motion-Based Visual Prediction. Frontiers in Psychology, 2022, 13, 827029. | 1.1 | 0 |
| 3 | A PCA-Based Active Appearance Model for Characterising Modes of Spatiotemporal Variation in Dynamic Facial Behaviours. Frontiers in Psychology, 2022, 13, . | 1.1 | 0 |
| 4 | Synchronous facial action binds dynamic facial features. Scientific Reports, 2021, 11, 7191. | 1.6 | 4 |
| 5 | Recognising the dynamic form of fire. Scientific Reports, 2021, 11, 10566. | 1.6 | 1 |
| 6 | An observer model of tilt perception, sensitivity and confidence. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211276. | 1.2 | 4 |
| 7 | Visual predictions, neural oscillations and naïve physics. Scientific Reports, 2021, 11, 16127. | 1.6 | 1 |
| 8 | Spatial properties of the adaptation-based compression of perceived distance. Journal of Vision, 2021, 21, 1987. | 0.1 | 0 |
| 9 | Understanding Sensory Induced Hallucinations: From Neural Fields to Amplitude Equations. SIAM Journal on Applied Dynamical Systems, 2021, 20, 1683-1714. | 0.7 | 5 |
| 10 | The interrelationship between the face and vocal tract configuration during audiovisual speech. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32791-32798. | 3.3 | 6 |
| 11 | A data-driven characterisation of natural facial expressions when giving good and bad news. PLoS Computational Biology, 2020, 16, e1008335. | 1.5 | 4 |
| 12 | A data-driven characterisation of natural facial expressions when giving good and bad news. , 2020, 16, e1008335. | | 0 |
| 13 | A data-driven characterisation of natural facial expressions when giving good and bad news. , 2020, 16, e1008335. | | 0 |
| 14 | A data-driven characterisation of natural facial expressions when giving good and bad news. , 2020, 16, e1008335. | | 0 |
| 15 | A data-driven characterisation of natural facial expressions when giving good and bad news. , 2020, 16, e1008335. | | 0 |
| 16 | Motion integration is anisotropic during smooth pursuit eye movements. Journal of Neurophysiology, 2019, 121, 1787-1797. | 0.9 | 3 |
| 17 | Suboptimal human multisensory cue combination. Scientific Reports, 2019, 9, 5155. | 1.6 | 18 |
| 18 | Adaptation-induced changes to the "intrinsic" occipital alpha rhythm. Journal of Vision, 2019, 19, 165. | 0.1 | 0 |

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|----|--|-----|-----------|
| 19 | Time (The "Audiovisual Rulez"™ Remix). <i>Journal of Vision</i> , 2019, 19, 163b. | 0.1 | 0 |
| 20 | Visual crowding is unaffected by adaptation-induced spatial compression. <i>Journal of Vision</i> , 2018, 18, 12. | 0.1 | 3 |
| 21 | A spatial frequency spectral peakedness model predicts discrimination performance of regularity in dot patterns. <i>Vision Research</i> , 2018, 149, 102-114. | 0.7 | 3 |
| 22 | Personality Traits Do Not Predict How We Look at Faces. <i>Perception</i> , 2018, 47, 976-984. | 0.5 | 2 |
| 23 | Selective binding of facial features reveals dynamic expression fragments. <i>Scientific Reports</i> , 2018, 8, 9031. | 1.6 | 1 |
| 24 | Individual differences in first- and second-order temporal judgment. <i>PLoS ONE</i> , 2018, 13, e0191422. | 1.1 | 5 |
| 25 | The perception and meta-perception of time within and between modalities. <i>Journal of Vision</i> , 2018, 18, 326. | 0.1 | 1 |
| 26 | Foveal motion standstill. <i>Vision Research</i> , 2017, 134, 1-6. | 0.7 | 2 |
| 27 | Pupil response hazard rates predict perceived gaze durations. <i>Scientific Reports</i> , 2017, 7, 3969. | 1.6 | 3 |
| 28 | Time-Order Errors in Duration Judgment Are Independent of Spatial Positioning. <i>Frontiers in Psychology</i> , 2017, 8, 340. | 1.1 | 3 |
| 29 | Temporal Order Judgements of Dynamic Gaze Stimuli Reveal a Postdictive Prioritisation of Averted Over Direct Shifts. <i>i-Perception</i> , 2017, 8, 204166951772080. | 0.8 | 2 |
| 30 | Lateralisation and binding of dynamic facial features. <i>Journal of Vision</i> , 2017, 17, 1028. | 0.1 | 0 |
| 31 | Individual differences in the perception of (a bigger) time. <i>Journal of Vision</i> , 2017, 17, 181. | 0.1 | 0 |
| 32 | Temporal synchrony is an effective cue for grouping and segmentation in the absence of form cues. <i>Journal of Vision</i> , 2016, 16, 23. | 0.1 | 7 |
| 33 | FRAGMENTA BRITANNICA V. AMPHORAS FROM TOP TO BOTTOM. <i>Bulletin of the Institute of Classical Studies</i> , 2016, 59, 46-53. | 0.4 | 0 |
| 34 | Pupil dilation as an index of preferred mutual gaze duration. <i>Royal Society Open Science</i> , 2016, 3, 160086. | 1.1 | 45 |
| 35 | An Adaptable Metric Shapes Perceptual Space. <i>Current Biology</i> , 2016, 26, 1911-1915. | 1.8 | 18 |
| 36 | Time order reversals and saccades. <i>Vision Research</i> , 2016, 125, 23-29. | 0.7 | 5 |

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|----|--|-----|-----------|
| 37 | Changes in apparent duration follow shifts in perceptual timing. <i>Journal of Vision</i> , 2015, 15, 2. | 0.1 | 13 |
| 38 | Illusory Feature Slowing. <i>Psychological Science</i> , 2015, 26, 512-517. | 1.8 | 9 |
| 39 | KYTHERAFORTY YEARS ON: THE POTTERY FROM HISTORICAL KASTRI REVISITED. <i>Annual of the British School at Athens</i> , 2014, 109, 3-64. | 0.2 | 2 |
| 40 | Asymmetric global motion integration in drifting Gabor arrays. <i>Journal of Vision</i> , 2014, 14, 18-18. | 0.1 | 2 |
| 41 | An absolute interval scale of order for point patterns. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140342. | 1.5 | 9 |
| 42 | Impaired Perception of Facial Motion in Autism Spectrum Disorder. <i>PLoS ONE</i> , 2014, 9, e102173. | 1.1 | 19 |
| 43 | Facial Self-Imitation. <i>Psychological Science</i> , 2013, 24, 93-98. | 1.8 | 49 |
| 44 | Causality: Perceiving the Causes of Visual Events. <i>Current Biology</i> , 2013, 23, R202-R204. | 1.8 | 3 |
| 45 | Recognising Faces: Effects of Lighting Direction, Inversion, and Brightness Reversal. <i>Perception</i> , 2013, 42, 1227-1237. | 0.5 | 46 |
| 46 | Motion-direction specificity for adaptation-induced duration compression depends on temporal frequency. <i>Journal of Vision</i> , 2013, 13, 19-19. | 0.1 | 16 |
| 47 | The Role of the Harmonic Vector Average in Motion Integration. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 146. | 1.2 | 7 |
| 48 | Techniques for Mimicry and Identity Blending Using Morph Space PCA. <i>Lecture Notes in Computer Science</i> , 2013, , 296-307. | 1.0 | 0 |
| 49 | Self-recognition of avatar motion: how do I know it's me?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 669-674. | 1.2 | 17 |
| 50 | Masking and color inheritance along the apparent motion path. <i>Journal of Vision</i> , 2012, 12, 18-18. | 0.1 | 3 |
| 51 | POTS, PIRACY AND AEGILA: HELLENISTIC CERAMICS FROM AN INTENSIVE SURVEY OF ANTIKYTHERA, GREECE. <i>Annual of the British School at Athens</i> , 2012, 107, 247-272. | 0.2 | 5 |
| 52 | Effects of Temporal Features and Order on the Apparent duration of a Visual Stimulus. <i>Frontiers in Psychology</i> , 2012, 3, 90. | 1.1 | 18 |
| 53 | Duration Judgments Over Multiple Elements. <i>Frontiers in Psychology</i> , 2012, 3, 459. | 1.1 | 14 |
| 54 | Biologically inspired framework for spatial and spectral velocity estimations. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2011, 28, 713. | 0.8 | 9 |

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|----|---|-----|-----------|
| 55 | Retinotopic selectivity of adaptation-based compression of event duration: Reply to Burr, Cicchini, Arrighi, and Morrone. <i>Journal of Vision</i> , 2011, 11, 21a-21a. | 0.1 | 13 |
| 56 | Effect of the luminance signal on adaptation-based time compression. <i>Journal of Vision</i> , 2011, 11, 22-22. | 0.1 | 28 |
| 57 | Global motion coherence can influence the representation of ambiguous local motion. <i>Journal of Vision</i> , 2011, 11, 6-6. | 0.1 | 11 |
| 58 | How Different is Different? Criterion and Sensitivity in Face-Space. <i>Frontiers in Psychology</i> , 2011, 2, 41. | 1.1 | 14 |
| 59 | Exploring expression space: Adaptation to orthogonal and anti-expressions. <i>Journal of Vision</i> , 2011, 11, 2-2. | 0.1 | 27 |
| 60 | Judging Political Affiliation from Faces of UK MPs. <i>Perception</i> , 2011, 40, 949-952. | 0.5 | 6 |
| 61 | Visual Motion Induces a Forward Prediction of Spatial Pattern. <i>Current Biology</i> , 2011, 21, 740-745. | 1.8 | 42 |
| 62 | Duration expansion at low luminance levels. <i>Journal of Vision</i> , 2011, 11, 13-13. | 0.1 | 8 |
| 63 | Relative faces: Encoding of family resemblance relative to gender means in face space. <i>Journal of Vision</i> , 2011, 11, 8-8. | 0.1 | 5 |
| 64 | Tactile duration compression by vibrotactile adaptation. <i>NeuroReport</i> , 2010, 21, 856-860. | 0.6 | 24 |
| 65 | Contrast gain shapes visual time. <i>Frontiers in Psychology</i> , 2010, 1, 170. | 1.1 | 19 |
| 66 | Spatially Localized Time Shifts of the Perceptual Stream. <i>Frontiers in Psychology</i> , 2010, 1, 181. | 1.1 | 8 |
| 67 | Identifying regions that carry the best information about global facial configurations. <i>Journal of Vision</i> , 2010, 10, 27-27. | 0.1 | 12 |
| 68 | Motion drag induced by global motion Gabor arrays. <i>Journal of Vision</i> , 2010, 10, 14-14. | 0.1 | 9 |
| 69 | Retinotopic adaptation-based visual duration compression. <i>Journal of Vision</i> , 2010, 10, 30-30. | 0.1 | 64 |
| 70 | Function over form. , 2010, , . | | 0 |
| 71 | Motion-induced position shifts in global dynamic Gabor arrays. <i>Journal of Vision</i> , 2009, 9, 8-8. | 0.1 | 13 |
| 72 | The spatial tuning of adaptation-based time compression. <i>Journal of Vision</i> , 2009, 9, 2-2. | 0.1 | 62 |

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|----|--|-----|-----------|
| 73 | History - (A.) Inglese Thera arcaica. Le iscrizioni rupestri dell'agora degli dei. Tivoli: Tored, 2008. Pp. xix + 525, illus. â,~150. 9788888617138.. Journal of Hellenic Studies, 2009, 129, 194-195. | 0.0 | 0 |
| 74 | The detection of the motion of contrast modulation: A parametric study. Attention, Perception, and Psychophysics, 2009, 71, 757-782. | 0.7 | 5 |
| 75 | A color neuromorphic approach for motion estimation. , 2009, , . | | 1 |
| 76 | Visually-based temporal distortion in dyslexia. Vision Research, 2008, 48, 1852-1858. | 0.7 | 54 |
| 77 | Alpha band amplification during illusory jitter perception. Journal of Vision, 2008, 8, 3-3. | 0.1 | 10 |
| 78 | Motion signal and the perceived positions of moving objects. Journal of Vision, 2007, 7, 1. | 0.1 | 33 |
| 79 | The Hollow-Face Illusion: Object-Specific Knowledge, General Assumptions or Properties of the Stimulus?. Perception, 2007, 36, 199-223. | 0.5 | 58 |
| 80 | The visual processing of motion-defined transparency. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1049-1057. | 1.2 | 12 |
| 81 | Bimodal sensory discrimination is finer than dual single modality discrimination. Journal of Vision, 2007, 7, 14. | 0.1 | 10 |
| 82 | Two mechanisms underlying the effect of angle of motion direction change on colourâ€“motion asynchrony. Vision Research, 2007, 47, 687-705. | 0.7 | 19 |
| 83 | Motion and position coding. Vision Research, 2007, 47, 2403-2410. | 0.7 | 47 |
| 84 | Moving from spatially segregated to transparent motion: a modelling approach. Biology Letters, 2006, 2, 101-105. | 1.0 | 11 |
| 85 | Visual search for a target changing in synchrony with an auditory signal. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 865-874. | 1.2 | 73 |
| 86 | Infants' Discrimination of Faces by Using Biological Motion Cues. Perception, 2006, 35, 79-89. | 0.5 | 19 |
| 87 | Inverse perspective mapping and optic flow: A calibration method and a quantitative analysis. Image and Vision Computing, 2006, 24, 153-165. | 2.7 | 30 |
| 88 | Spatially Localized Distortions of Event Time. Current Biology, 2006, 16, 472-479. | 1.8 | 316 |
| 89 | Range- and domain-specific exaggeration of facial speech. Journal of Vision, 2005, 5, 4. | 0.1 | 17 |
| 90 | Motion as a cue for viewpoint invariance. Visual Cognition, 2005, 12, 1291-1308. | 0.9 | 26 |

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|-----|---|------|-----------|
| 91 | Motion induced spatial conflict following binocular integration. <i>Vision Research</i> , 2005, 45, 2934-2942. | 0.7 | 4 |
| 92 | Timing sight and sound. <i>Vision Research</i> , 2005, 45, 1275-1284. | 0.7 | 56 |
| 93 | Early Cognitive Vision: Using Gestalt-Laws for Task-Dependent, Active Image-Processing. <i>Natural Computing</i> , 2004, 3, 293-321. | 1.8 | 17 |
| 94 | Temporal dependence of local motion induced shifts in perceived position. <i>Vision Research</i> , 2004, 44, 357-366. | 0.7 | 71 |
| 95 | Performance of three recursive algorithms for fast space-variant Gaussian filtering. <i>Real Time Imaging</i> , 2003, 9, 215-228. | 1.6 | 29 |
| 96 | Motion-induced spatial conflict. <i>Nature</i> , 2003, 425, 181-184. | 13.7 | 27 |
| 97 | Latency differences and the flash-lag effect. <i>Vision Research</i> , 2003, 43, 1829-1835. | 0.7 | 23 |
| 98 | Golfers May Have to Overcome a Persistent Visuospatial Illusion. <i>Perception</i> , 2003, 32, 1151-1154. | 0.5 | 8 |
| 99 | Comparing Solid-Body with Point-Light Animations. <i>Perception</i> , 2003, 32, 561-566. | 0.5 | 26 |
| 100 | Marker Correspondence, Not Processing Latency, Determines Temporal Binding of Visual Attributes. <i>Current Biology</i> , 2002, 12, 359-368. | 1.8 | 168 |
| 101 | Computational modeling of non-Fourier motion: further evidence for a single luminance-based mechanism. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2001, 18, 2204. | 0.8 | 20 |
| 102 | Motion of contrast envelopes: peace and noise. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2001, 18, 2237. | 0.8 | 9 |
| 103 | Categorizing sex and identity from the biological motion of faces. <i>Current Biology</i> , 2001, 11, 880-885. | 1.8 | 201 |
| 104 | Time perception: Brain time or event time?. <i>Current Biology</i> , 2001, 11, R427-R430. | 1.8 | 62 |
| 105 | On Archaic Greek orientalingâ€”weird or woolly?. <i>Antiquity</i> , 2001, 75, 889-891. | 0.5 | 0 |
| 106 | A new approach to analysing texture-defined motion. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2435-2443. | 1.2 | 24 |
| 107 | When Texture Takes Precedence over Motion in Depth Perception. <i>Perception</i> , 2000, 29, 437-452. | 0.5 | 10 |
| 108 | Computational modelling of interleaved first- and second-order motion sequences and translating 3f+4f beat patterns. <i>Vision Research</i> , 2000, 40, 1135-1142. | 0.7 | 14 |

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|-----|--|------|-----------|
| 109 | Induced motion at texture-defined motion boundaries. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2441-2450. | 1.2 | 26 |
| 110 | Robust velocity computation from a biologically motivated model of motion perception. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 509-518. | 1.2 | 63 |
| 111 | A MULTI-DIFFERENTIAL NEUROMORPHIC APPROACH TO MOTION DETECTION. <i>International Journal of Neural Systems</i> , 1999, 09, 429-434. | 3.2 | 15 |
| 112 | Influence of motion signals on the perceived position of spatial pattern. <i>Nature</i> , 1999, 397, 610-612. | 13.7 | 190 |
| 113 | Contrast inconstancy across changes in polarity. <i>Vision Research</i> , 1999, 39, 4076-4084. | 0.7 | 5 |
| 114 | The Role of Movement in Face Recognition. <i>Visual Cognition</i> , 1997, 4, 265-273. | 0.9 | 196 |
| 115 | The effect of Illuminant position on perceived curvature. <i>Vision Research</i> , 1996, 36, 1399-1410. | 0.7 | 31 |
| 116 | Investigating Shape-from-shading Illusions Using Solid Objects. <i>Vision Research</i> , 1996, 36, 2827-2835. | 0.7 | 9 |
| 117 | Three-dimensional Curvature Contrast-Geometric or Brightness Illusion?. <i>Vision Research</i> , 1996, 36, 3641-3653. | 0.7 | 11 |
| 118 | Motion transparency arises from perceptual grouping: evidence from luminance and contrast modulation motion displays. <i>Current Biology</i> , 1996, 6, 1343-1346. | 1.8 | 22 |
| 119 | Independent encoding of surface orientation and surface curvature. <i>Vision Research</i> , 1994, 34, 3005-3012. | 0.7 | 33 |
| 120 | Integration of shading and texture cues: Testing the linear model. <i>Vision Research</i> , 1994, 34, 1863-1874. | 0.7 | 22 |
| 121 | Shape from Shading. II. Geodesic Bisection and Alignment. <i>Perception</i> , 1994, 23, 191-200. | 0.5 | 12 |
| 122 | Shape from Shading. I: Surface Curvature and Orientation. <i>Perception</i> , 1994, 23, 169-189. | 0.5 | 47 |
| 123 | Recognising Faces: Effects of Lighting Direction, Inversion, and Brightness Reversal. <i>Perception</i> , 1992, 21, 365-375. | 0.5 | 200 |
| 124 | Object Constancy in Face Processing: Intermediate Representations and Object Forms. <i>Irish Journal of Psychology</i> , 1992, 13, 426-439. | 0.2 | 10 |
| 125 | A computational model of the analysis of some first-order and second-order motion patterns by simple and complex cells. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1992, 250, 297-306. | 1.2 | 130 |
| 126 | The geometry of the topographic map in striate cortex. <i>Vision Research</i> , 1989, 29, 1493-1500. | 0.7 | 16 |

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|-----|---|-----|-----------|
| 127 | Spatial scaling of central and peripheral contrast-sensitivity functions. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1987, 4, 1583. | 0.8 | 56 |
| 128 | A spatial property of the retino-cortical mapping. Spatial Vision, 1986, 1, 319-331. | 1.4 | 21 |
| 129 | LATE ARCHAIC ALPHABETS FROM LE MOLAIE, ETRURIA. Bulletin of the Institute of Classical Studies, 1984, 31, 115-118. | 0.4 | 0 |
| 130 | Specificity of attention in the stroop test: An EP study. Biological Psychology, 1982, 15, 75-83. | 1.1 | 7 |
| 131 | The time marker account of cross-channel temporal judgments. , 0, , 278-300. | | 6 |