Alan Johnston

List of Publications by Year
in descending order

131 papers	3,526 citations	186265 28 h-index	155660 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.	3.3	14
2	Exploring the Common Mechanisms of Motion-Based Visual Prediction. Frontiers in Psychology, 2022, 13, 827029.	2.1	0
3	A PCA-Based Active Appearance Model for Characterising Modes of Spatiotemporal Variation in Dynamic Facial Behaviours. Frontiers in Psychology, 2022, 13, .	2.1	0
4	Synchronous facial action binds dynamic facial features. Scientific Reports, 2021, 11, 7191.	3.3	4
5	Recognising the dynamic form of fire. Scientific Reports, 2021, 11, 10566.	3.3	1
6	An observer model of tilt perception, sensitivity and confidence. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211276.	2.6	4
7	Visual predictions, neural oscillations and naÃ¯ve physics. Scientific Reports, 2021, 11, 16127.	3.3	1
8	Spatial properties of the adaptation-based compression of perceived distance. Journal of Vision, 2021, 21, 1987.	0.3	0
9	Understanding Sensory Induced Hallucinations: From Neural Fields to Amplitude Equations. SIAM Journal on Applied Dynamical Systems, 2021, 20, 1683-1714.	1.6	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.	7.1	6
11	A data-driven characterisation of natural facial expressions when giving good and bad news. PLoS Computational Biology, 2020, 16, e1008335.	3.2	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.	1.8	3
17	Suboptimal human multisensory cue combination. Scientific Reports, 2019, 9, 5155.	3.3	18
18	Adaptation-induced changes to the â€˜intrinsicâ€™ occipital alpha rhythm. Journal of Vision, 2019, 19, 165.	0.3	0

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19	Time (The â€˜Audiovisual Rulezâ€™ Remix). Journal of Vision, 2019, 19, 163b.	0.3	0
20	Visual crowding is unaffected by adaptation-induced spatial compression. Journal of Vision, 2018, 18, 12.	0.3	3
21	A spatial frequency spectral peakedness model predicts discrimination performance of regularity in dot patterns. Vision Research, 2018, 149, 102-114.	1.4	3
22	Personality Traits Do Not Predict How We Look at Faces. Perception, 2018, 47, 976-984.	1.2	2
23	Selective binding of facial features reveals dynamic expression fragments. Scientific Reports, 2018, 8, 9031.	3.3	1
24	Individual differences in first- and second-order temporal judgment. PLoS ONE, 2018, 13, e0191422.	2.5	5
25	The perception and meta-perception of time within and between modalities. Journal of Vision, 2018, 18, 326.	0.3	1
26	Foveal motion standstill. Vision Research, 2017, 134, 1-6.	1.4	2
27	Pupil response hazard rates predict perceived gaze durations. Scientific Reports, 2017, 7, 3969.	3.3	3
28	Time-Order Errors in Duration Judgment Are Independent of Spatial Positioning. Frontiers in Psychology, 2017, 8, 340.	2.1	3
29	Temporal Order Judgements of Dynamic Gaze Stimuli Reveal a Postdictive Prioritisation of Averted Over Direct Shifts. I-Perception, 2017, 8, 204166951772080.	1.4	2
30	Lateralisation and binding of dynamic facial features. Journal of Vision, 2017, 17, 1028.	0.3	0
31	Individual differences in the perception of (a bigger) time. Journal of Vision, 2017, 17, 181.	0.3	0
32	Temporal synchrony is an effective cue for grouping and segmentation in the absence of form cues. Journal of Vision, 2016, 16, 23.	0.3	7
33	FRAGMENTA BRITANNICA V. AMPHORAS FROM TOP TO BOTTOM. Bulletin of the Institute of Classical Studies, 2016, 59, 46-53.	0.0	0
34	Pupil dilation as an index of preferred mutual gaze duration. Royal Society Open Science, 2016, 3, 160086.	2.4	45
35	An Adaptable Metric Shapes Perceptual Space. Current Biology, 2016, 26, 1911-1915.	3.9	18
36	Time order reversals and saccades. Vision Research, 2016, 125, 23-29.	1.4	5

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37	Changes in apparent duration follow shifts in perceptual timing. Journal of Vision, 2015, 15, 2.	0.3	13
38	Illusory Feature Slowing. Psychological Science, 2015, 26, 512-517.	3.3	9
39	KYTHERAFORTY YEARS ON: THE POTTERY FROM HISTORICAL KASTRI REVISITED. Annual of the British School at Athens, 2014, 109, 3-64.	0.5	2
40	Asymmetric global motion integration in drifting Gabor arrays. Journal of Vision, 2014, 14, 18-18.	0.3	2
41	An absolute interval scale of order for point patterns. Journal of the Royal Society Interface, 2014, 11, 20140342.	3.4	9
42	Impaired Perception of Facial Motion in Autism Spectrum Disorder. PLoS ONE, 2014, 9, e102173.	2.5	19
43	Facial Self-Imitation. Psychological Science, 2013, 24, 93-98.	3.3	49
44	Causality: Perceiving the Causes of Visual Events. Current Biology, 2013, 23, R202-R204.	3.9	3
45	Recognising Faces: Effects of Lighting Direction, Inversion, and Brightness Reversal. Perception, 2013, 42, 1227-1237.	1.2	46
46	Motion-direction specificity for adaptation-induced duration compression depends on temporal frequency. Journal of Vision, 2013, 13, 19-19.	0.3	16
47	The Role of the Harmonic Vector Average in Motion Integration. Frontiers in Computational Neuroscience, 2013, 7, 146.	2.1	7
48	Techniques for Mimicry and Identity Blending Using Morph Space PCA. Lecture Notes in Computer Science, 2013, , 296-307.	1.3	0
49	Self-recognition of avatar motion: how do I know it's me?. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 669-674.	2.6	17
50	Masking and color inheritance along the apparent motion path. Journal of Vision, 2012, 12, 18-18.	0.3	3
51	POTS, PIRACY AND AEGILA: HELLENISTIC CERAMICS FROM AN INTENSIVE SURVEY OF ANTIKYTHERA, GREECE. Annual of the British School at Athens, 2012, 107, 247-272.	0.5	5
52	Effects of Temporal Features and Order on the Apparent duration of a Visual Stimulus. Frontiers in Psychology, 2012, 3, 90.	2.1	18
53	Duration Judgments Over Multiple Elements. Frontiers in Psychology, 2012, 3, 459.	2.1	14
54	Biologically inspired framework for spatial and spectral velocity estimations. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 713.	1.5	9

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55	Retinotopic selectivity of adaptation-based compression of event duration: Reply to Burr, Cicchini, Arrighi, and Morrone. Journal of Vision, 2011, 11, 21a-21a.	0.3	13
56	Effect of the luminance signal on adaptation-based time compression. Journal of Vision, 2011, 11, 22-22.	0.3	28
57	Global motion coherence can influence the representation of ambiguous local motion. Journal of Vision, 2011, 11, 6-6.	0.3	11
58	How Different is Different? Criterion and Sensitivity in Face-Space. Frontiers in Psychology, 2011, 2, 41.	2.1	14
59	Exploring expression space: Adaptation to orthogonal and anti-expressions. Journal of Vision, 2011, 11, 2-2.	0.3	27
60	Judging Political Affiliation from Faces of UK MPs. Perception, 2011, 40, 949-952.	1.2	6
61	Visual Motion Induces a Forward Prediction of Spatial Pattern. Current Biology, 2011, 21, 740-745.	3.9	42
62	Duration expansion at low luminance levels. Journal of Vision, 2011, 11, 13-13.	0.3	8
63	Relative faces: Encoding of family resemblance relative to gender means in face space. Journal of Vision, 2011, 11, 8-8.	0.3	5
64	Tactile duration compression by vibrotactile adaptation. NeuroReport, 2010, 21, 856-860.	1.2	24
65	Contrast gain shapes visual time. Frontiers in Psychology, 2010, 1, 170.	2.1	19
66	Spatially Localized Time Shifts of the Perceptual Stream. Frontiers in Psychology, 2010, 1, 181.	2.1	8
67	Identifying regions that carry the best information about global facial configurations. Journal of Vision, 2010, 10, 27-27.	0.3	12
68	Motion drag induced by global motion Gabor arrays. Journal of Vision, 2010, 10, 14-14.	0.3	9
69	Retinotopic adaptation-based visual duration compression. Journal of Vision, 2010, 10, 30-30.	0.3	64
70	Function over form. , 2010, , .		0
71	Motion-induced position shifts in global dynamic Gabor arrays. Journal of Vision, 2009, 9, 8-8.	0.3	13
72	The spatial tuning of adaptation-based time compression. Journal of Vision, 2009, 9, 2-2.	0.3	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.	1.3	5
75	A color neuromorphic approach for motion estimation. , 2009, , .		1
76	Visually-based temporal distortion in dyslexia. Vision Research, 2008, 48, 1852-1858.	1.4	54
77	Alpha band amplification during illusory jitter perception. Journal of Vision, 2008, 8, 3-3.	0.3	10
78	Motion signal and the perceived positions of moving objects. Journal of Vision, 2007, 7, 1.	0.3	33
79	The Hollow-Face Illusion: Object-Specific Knowledge, General Assumptions or Properties of the Stimulus?. Perception, 2007, 36, 199-223.	1.2	58
80	The visual processing of motion-defined transparency. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1049-1057.	2.6	12
81	Bimodal sensory discrimination is finer than dual single modality discrimination. Journal of Vision, 2007, 7, 14.	0.3	10
82	Two mechanisms underlying the effect of angle of motion direction change on colourâ€“motion asynchrony. Vision Research, 2007, 47, 687-705.	1.4	19
83	Motion and position coding. Vision Research, 2007, 47, 2403-2410.	1.4	47
84	Moving from spatially segregated to transparent motion: a modelling approach. Biology Letters, 2006, 2, 101-105.	2.3	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.	2.6	73
86	Infants' Discrimination of Faces by Using Biological Motion Cues. Perception, 2006, 35, 79-89.	1.2	19
87	Inverse perspective mapping and optic flow: A calibration method and a quantitative analysis. Image and Vision Computing, 2006, 24, 153-165.	4.5	30
88	Spatially Localized Distortions of Event Time. Current Biology, 2006, 16, 472-479.	3.9	316
89	Range- and domain-specific exaggeration of facial speech. Journal of Vision, 2005, 5, 4.	0.3	17
90	Motion as a cue for viewpoint invariance. Visual Cognition, 2005, 12, 1291-1308.	1.6	26

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91	Motion induced spatial conflict following binocular integration. Vision Research, 2005, 45, 2934-2942.	1.4	4
92	Timing sight and sound. Vision Research, 2005, 45, 1275-1284.	1.4	56
93	Early Cognitive Vision: Using Gestalt-Laws for Task-Dependent, Active Image-Processing. Natural Computing, 2004, 3, 293-321.	3.0	17
94	Temporal dependence of local motion induced shifts in perceived position. Vision Research, 2004, 44, 357-366.	1.4	71
95	Performance of three recursive algorithms for fast space-variant Gaussian filtering. Real Time Imaging, 2003, 9, 215-228.	1.6	29
96	Motion-induced spatial conflict. Nature, 2003, 425, 181-184.	27.8	27
97	Latency differences and the flash-lag effect. Vision Research, 2003, 43, 1829-1835.	1.4	23
98	Golfers May Have to Overcome a Persistent Visuospatial Illusion. Perception, 2003, 32, 1151-1154.	1.2	8
99	Comparing Solid-Body with Point-Light Animations. Perception, 2003, 32, 561-566.	1.2	26
100	Marker Correspondence, Not Processing Latency, Determines Temporal Binding of Visual Attributes. Current Biology, 2002, 12, 359-368.	3.9	168
101	Computational modeling of non-Fourier motion: further evidence for a single luminance-based mechanism. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 2204.	1.5	20
102	Motion of contrast envelopes: peace and noise. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 2237.	1.5	9
103	Categorizing sex and identity from the biological motion of faces. Current Biology, 2001, 11, 880-885.	3.9	201
104	Time perception: Brain time or event time?. Current Biology, 2001, 11, R427-R430.	3.9	62
105	On Archaic Greek orientalizingâ€"weird or woolly?. Antiquity, 2001, 75, 889-891.	1.0	0
106	A new approach to analysing texture-defined motion. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2435-2443.	2.6	24
107	When Texture Takes Precedence over Motion in Depth Perception. Perception, 2000, 29, 437-452.	1.2	10
108	Computational modelling of interleaved first- and second-order motion sequences and translating 3f+4f beat patterns. Vision Research, 2000, 40, 1135-1142.	1.4	14

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109	Induced motion at textureâ€“defined motion boundaries. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2441-2450.	2.6	26
110	Robust velocity computation from a biologically motivated model of motion perception. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 509-518.	2.6	63
111	A MULTI-DIFFERENTIAL NEUROMORPHIC APPROACH TO MOTION DETECTION. International Journal of Neural Systems, 1999, 09, 429-434.	5.2	15
112	Influence of motion signals on the perceived position of spatial pattern. Nature, 1999, 397, 610-612.	27.8	190
113	Contrast inconstancy across changes in polarity. Vision Research, 1999, 39, 4076-4084.	1.4	5
114	The Role of Movement in Face Recognition. Visual Cognition, 1997, 4, 265-273.	1.6	196
115	The effect of Illuminant position on perceived curvature. Vision Research, 1996, 36, 1399-1410.	1.4	31
116	Investigating Shape-from-shading Illusions Using Solid Objects. Vision Research, 1996, 36, 2827-2835.	1.4	9
117	Three-dimensional Curvature Contrastâ€"Geometric or Brightness Illusion?. Vision Research, 1996, 36, 3641-3653.	1.4	11
118	Motion transparency arises from perceptual grouping: evidence from luminance and contrast modulation motion displays. Current Biology, 1996, 6, 1343-1346.	3.9	22
119	Independent encoding of surface orientation an surface curvature. Vision Research, 1994, 34, 3005-3012.	1.4	33
120	Integration of shading and texture cues: Testing the linear model. Vision Research, 1994, 34, 1863-1874.	1.4	22
121	Shape from Shading. II. Geodesic Bisection and Alignment. Perception, 1994, 23, 191-200.	1.2	12
122	Shape from Shading. I: Surface Curvature and Orientation. Perception, 1994, 23, 169-189.	1.2	47
123	Recognising Faces: Effects of Lighting Direction, Inversion, and Brightness Reversal. Perception, 1992, 21, 365-375.	1.2	200
124	Object Constancy in Face Processing: Intermediate Representations and Object Forms. Irish Journal of Psychology, 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. Proceedings of the Royal Society B: Biological Sciences, 1992, 250, 297-306.	2.6	130
126	The geometry of the topographic map in striate cortex. Vision Research, 1989, 29, 1493-1500.	1.4	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.	1.5	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 MOLLAIE, ETRURIA. Bulletin of the Institute of Classical Studies, 1984, 31, 115-118.	0.0	0
130	Specificity of attention in the stroop test: An EP study. Biological Psychology, 1982, 15, 75-83.	2.2	7
131	The time marker account of cross-channel temporal judgments. , 0, , 278-300.		6